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पेटेंट कार्यालय का एक प्रकाशन
PUBLICATION OF THE PATENT OFFICE

INTRODUCTION

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

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

12 APRIL, 2013

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**THE PATENT OFFICE
KOLKATA, 12/04/2013**

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:-

<p>1 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>	<p>4 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> <p>❖ The States of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and the Union Territories of Puducherry and Lakshadweep.</p>
<p>2 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> <p>❖ The States of Gujarat, Maharashtra, Madhya Pradesh, Goa and Chhattisgarh and the Union Territories of Daman and Diu & Dadra and Nagar Haveli</p>	<p>5 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>
<p>3 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> <p>❖ The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan, Uttar Pradesh, Uttaranchal, Delhi and the Union Territory of Chandigarh.</p>	<p>❖ Rest of India</p>

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 12/04/2013
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 :-

<p>1</p> <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>	<p>4</p> <p>पेटेंट कार्यालय चेन्नई, इंटेलेक्चुअल प्रोपर्टी राइट्स बिल्डिंग इंडस्ट्रियल इस्टेट एसआईडीसीओ आरएमडी गोडाउन एरिया एडजसेन्ट टु ईगल फ्लास्क जी.एस.टी. रोड, गायन्डी, चेन्नई - 600 032. फोन: (91)(44) 2250 2081-84 फैक्स: (91)(44) 2250-2066 ई.मेल: chennai-patent@nic.in ❖ आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु तथा पुडुचेरी राज्य क्षेत्र एवं संघ शासित क्षेत्र, लक्षद्वीप</p>
<p>2</p> <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 ❖ गुजरात, महाराष्ट्र, मध्य प्रदेश, गोआ तथा छत्तीसगढ़ राज्य क्षेत्र एवं संघ शासित क्षेत्र, दमन तथा दीव, दादर और नगर हवेली.</p>	<p>5</p> <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 ❖ भारत का अवशेष क्षेत्र</p>
<p>3</p> <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 ❖ 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 स्वीकृत होंगे ।

शुल्क: शुल्क या तो नकद रूप में या "Controller of Patents" के नाम में देय बैंक ड्राफ्ट या चेक के द्वारा भेजी जा सकती है जो उसी स्थान के किसी अनुसूचित बैंक में प्रदत्त हो जहाँ उपयुक्त कार्यालय स्थित 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 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.609/DEL/2013 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : FABRIC PAINTBRUSH

(51) International classification

:A46B

(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)SYED SAHAJADA TAJSHAMSI

Address of Applicant :F-321, ALPHA-2, GREATER NOIDA,
UP, PIN-201308, INDIA

(72)Name of Inventor :

1)SYED SAHAJADA TAJSHAMSI

(57) Abstract :

A paintbrush constructed with fabric or microfiber or woven fabric which gives 3 to 9 times painting output. The brush can be manufactured with less number of components at a faster cycle time in an economical way.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.749/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :14/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : SWITCH (REMOTE SWITCH)

(51) International classification

:G08C

(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)KRISHNA KANT SINGH

Address of Applicant :IST FLOOR, A-111, GULAB BAGH,
UTTAM NAGAR, NEW DELHI-110059. India

(72)Name of Inventor :

1)KRISHNA KANT SINGH

(57) Abstract :

Switch control by remote using electromagnetic equipment.

No. of Pages : 21 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3797/DEL/2012 A

(19) INDIA

(22) Date of filing of Application :11/12/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COMPLETE AUTO ON/OFF MOTOR SYSTEM FOR WATER TANK

(51) International classification	:G04G	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PRAJNAN CHAITAN
(32) Priority Date	:NA	Address of Applicant :LAXMINARAN MANDIR
(33) Name of priority country	:NA	BHALSWA, DELHI-110033 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)PRAJNAN CHAITAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

On leaving the switch on whenever the water comes in the morning, afternoon or evening this system will automatically start the motor & full the tank and stop it afterwards and would not let the motor run if the water does not come. That is, once this system is installed you™ll be forever free of the tension of filling the water, switching off the motor & the motor & will be saved from the wastage of electricity, water & motor. In the present time to prevent the country & society from the wastage of electricity & water, to save time & prevent tension in the busy life this Non- electronic system is the best. Its characteristics are:- 1. Motor runs if the water is coming. 2. Motor runs if the tank is empty. 3. Motor will not run if the water is not coming. 4. Motor will not run if the tank is full.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.753/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :15/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : MINING E-INVOICING APPROVAL SYSTEM (MEIAS)

(51) International classification	:G06Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VINOD VERMA
(32) Priority Date	:NA	Address of Applicant :40-A, ASHOK NAGAR, NEAR MAIN
(33) Name of priority country	:NA	BUS STAND, LUDHIANA, PUNJAB. India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)VINOD VERMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Mining e-Invoicing Approval System is the system that can be used on the mining site as an authorized system for realtime creation of Bill Invoice from the integrated/attaChed digital weighing scale or manually input of the weight (In case of faulty weighing scale conditions). As of now there is no provision of monitoring or getting the realtime input of mining materials for transportation at the site of mining of gravels, sand, lime stones, or other mining materials for issue of bill invoices containing weights etc. for receipting to the Indian Govt Mining Department and Seeking a Approval of them lively. There is lot of illegal activities of unreported or over receipting of invoices done on the mining sites by the contractors, though lots of inspections are done by the state mining departments and state police in that area but they are still continuing illegal practices. Above all state revenue is lost due to the illegal activities as practiced by the contractors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.799/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : LNG/PROPANE EFFICIENT RAIL TURBO-LOCOMOTIVE

(51) International classification	:B61C	(71) Name of Applicant :
	5/00	1)INDRA PRAKASH
(31) Priority Document No	:NA	Address of Applicant :13/503, INDIRA NAGAR,
(32) Priority Date	:NA	LUCKNOW-226016 Uttar Pradesh India
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)INDRA PRAKASH
Filing Date	:NA	2)AKASH AGRAHARI
(87) International Publication 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 engine will be more efficient than present CI engines used in Railways due to use of exhaust gas for preheating and use of Turbo prop.

No. of Pages : 6 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.795/DEL/2013 A

(19) INDIA

(22) Date of filing of Application :19/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : A PROCESS WITH NETWORK OF DENTIST PROVIDING & MAINTAINING ORAL AND DENTAL HEALTH THROUGH ONLINE WEB PORTAL.

(51) International classification

:G06F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DR. MOHIT DHAWAN

Address of Applicant :HOUSE NO.709, SECTOR 11,
PANCHKULA, HARYANA, INDIA.

(72)Name of Inventor :

1)DR. MOHIT DHAWAN

(57) Abstract :

The present embodiment is a process for providing and maintaining oral and dental health through online web portal. A process for providing and maintaining oral oral and dental health through online web portal comprising of collection of patient information and Collection of dentist information in nearby area. In this online portal, patient information consists of all record of patients registered with the portal and the said patient information is viewable after signing into the portal. The said dentist in nearby area can be easily found.

No. of Pages : 19 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1637/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :28/05/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : PLUG AND SOCKET AND ON OFF SWITCH ARRANGEMENT FOR PORTABLE PARTIALLY SUBMERSIBLE ELECTRIC MONO-BLOCK PUMP

(51) International classification	:F04D29/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BHARAT DESHMUKH

Address of Applicant :APARNA, 400 KHARE TOWN,
DHARAMPETH, NAGPUR-440010, Maharashtra India

(72)Name of Inventor :

1)BHARAT DESHMUKH

(57) Abstract :

The present invention provides a plug and socket arrangement for portable partially submersible electric mono-block pump, the portable partially submersible electric pump consists of the plug and socket arrangement comprising: a strainer for not allowing unwanted objects to enter pump, an impeller washer, an impeller, a skirt base, a casing, a bottom end shield, a motor body, a terminal plate, a lift hook, a DC gland opening, and a top end shield, characterized in that the portable partially submersible electric mono-block pump, characterised in that the portable partially submersible electric pump comprising: a terminal box for enclosing terminal from motor and distributing them to ON - OFF switch; and a plug and socket assembly secured to the terminal box, the plug and switch arrangement enables removal of power cable or disconnecting main power supply to the pump motor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1027/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : KRISHNA FINGER MOBILIZER

(51) International classification	:A61F5/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KRISHNA INSTITUTE OF MEDICAL SCIENCES
(32) Priority Date	:NA	Address of Applicant :KRISHNA INSTITUTE OF MEDICAL
(33) Name of priority country	:NA	SCIENCES NEAR DHEBEWADI ROAD, MALKAPUR,
(86) International Application No	:NA	KARAD, 415110, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR. RAVINDRA KARBHARI AHER. [MPT] KRISHNA
(61) Patent of Addition to Application Number	:NA	COLLEGE OF PHYSIOTHERAPY, KIMSU, KARAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Krishna finger mobilizer can be used by physiotherapist and patient himself to treat the hand stiffness. A single device can be effectively used for treating multiple patients. KRISHNA FINGER MOBILIZER device also helps to keep the joint moving, prevents contracture, retains range of motion, thus helping patient to get back to their functional activities early. It leads to early recovery and readiness for functional movements. Range of motion can be measured and recorded on it and It also gives bio-feedback to the patient, it is time saving and a cheaper device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.232/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :25/01/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : A FIXED CHAMBER ROUND BALER

(51) International classification

:A01F15/08

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Tirth Agro Technology Pvt.Ltd

Address of Applicant :Shaktiman, Survey No. 108/1, Plot No. B, At.: Bhunava, Near Goverdhan Gining National Highway 8-B After Bharudi Toll Plaza, Taluka- Gondal, Dist- Rajkot 360 311 Gujarat India

(72)Name of Inventor :

1)Gohil Hasmukhbhai Gatorbhai

(57) Abstract :

The present invention discloses a round baler with fixed chamber (20). The baler (20) comprises of a pick-up unit (10), a baling unit (17), a sensing unit (12), a binding unit (11), a discharging unit and a power transfer unit. The hay is collected by the pickup unit (10) and transferred to the baling unit (17) where the bale is formed. The formation of bale is sensed by sensing unit (12) and the binding unit (11) is manually started to bind the bale with twine. The bound bale is then discharged from the baler through the discharging unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.245/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :28/01/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : SS-BAR BRIDGE - A FIXED PROSTHESIS TO REPLACE MISSING MAXILLARY ANTERIOR TEETH

(51) International classification	:A61C13/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KRISHNA INSTITUTE OF MEDICAL SCIENCES
Address of Applicant :KRISHNA INSTITUTE OF MEDICAL SCIENCES NEAR DHEBEWADI ROAD, MALKAPUR, KARAD, MAHARASHTRA, INDIA

(72)**Name of Inventor :**
1)DR. SIDDHARTH YUVRAJ GOSAVI
2)DR. SULEKHA SIDDHARTH GOSAVI

(57) Abstract :

SS-BAR bridge, a fixed prosthesis to replace the missing maxillary anterior teeth. It is a metal-ceramic bridge with long arm and rests. It is a fixed prosthesis where posterior tooth crown is used as a retentive component. A long palatal arm is extending from the posterior crown to the anterior region. The arm is scalloped and 3-4 mm away from the free gingival. Long palatal arm is going parallel to free gingival to prevent impingement of soft tissue. The missing anterior teeth are replaced with an artificial material called pontic. The anterior teeth which are adjacent to missing area supporting the bridge are secondary abutment. This secondary abutment provides additional support to our fixed prosthesis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1030/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :23/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : KRISHNA KNEE TRACTION FRAME

(51) International classification	:A61H1/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KRISHNA INSTITUTE OF MEDICAL SCIENCES
(32) Priority Date	:NA	Address of Applicant :KRISHNA INSTITUTE OF MEDICAL
(33) Name of priority country	:NA	SCIENCES NEAR DHEBEWADI ROAD, MALKAPUR,
(86) International Application No	:NA	KARAD, 415110, MAHARASHTRA, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)DR.VAISHALI KRISHNAT JAGTAP [MPT] KRISHNA
(61) Patent of Addition to Application Number	:NA	COLLEGE OF PHYSIOTHERAPY, KIMSU, KARAD
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

KRISHNA KNEE TRACTION FRAME can be used to treat the osteoarthritis of knee joint. A single device can be effectively used for treating multiple patients. The said invention will come in handy for routine clinical work as well as for clinicians. It will be an effective treatment option for osteoarthritis. It will make distraction of knee joint in osteoarthritis patient easy. This invention will eliminate need of exertion of physiotherapist while giving manual distraction to knee joint. It will reduce the physiotherapist work. By using mechanical traction the limitations of existing tractions are overcome & the force & time can be well controlled, readily graded & replicated. Thus the said invention may prove to be an effective alternative for treating osteoarthritis of knee joint.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.456/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : SOLAR WATER HEATER FLAT PLATE COLLECTOR ABSORBER HAVING SQUARE SECTIONED RISER TUBES WITH INTEGRAL FINS

(51) International classification	:F24J2/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Shashikant B Thombre
(32) Priority Date	:NA	Address of Applicant :Professor, Mechanical Engineering
(33) Name of priority country	:NA	Department, Visvesvaraya National Institute of Technology,
(86) International Application No	:NA	Nagpur 440010 Maharashtra India
Filing Date	:NA	2)Dr. Vivek Renurao Bhole
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Dr. Shashikant B Thombre
Filing Date	:NA	2)Dr. Vivek Renurao Bhole
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention improves collector efficiency by way of incorporating innovative designs of the absorber plate. Here, attempt is made to increase the apparent fin effectiveness and the heat transfer coefficient by way of circulating the fluid under the fin surface. The absorber design is conceived on the actual experience and observation that a solar flat plate collector having square sectioned riser tubes with integral fins performs better than ISI marked Solar Collector. During the investigations, about 15-30% improvement in the collector efficiency was observed. Following invention is described in detail with the help of Figure 1 A of sheet 1 showing commercially available flat plate collector and Figure 1 B of sheet 1 showing square section riser tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.457/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : SOLAR WATER HEATER FLAT PLATE COLLECTOR ABSORBER HAVING SEMICIRCULAR SECTIONED RISER TUBES WITH INTEGRAL FINS

(51) International classification	:F24J2/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Shashikant B Thombre
(32) Priority Date	:NA	Address of Applicant :Professor, Mechanical Engineering
(33) Name of priority country	:NA	Department, Visvesvaraya National Institute of Technology,
(86) International Application No	:NA	Nagpur 440010 Maharashtra India
Filing Date	:NA	2)Dr. Vivek Renurao Bhole
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Dr. Shashikant B Thombre
Filing Date	:NA	2)Dr. Vivek Renurao Bhole
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention improves collector efficiency by way of incorporating innovative designs of the absorber plate. Here, attempt is made to increase the apparent fin effectiveness and the heat transfer coefficient by way of circulating the fluid under the fin surface. The absorber design is conceived on the actual experience and observation that a solar flat plate collector having semicircular sectioned riser tubes with integral fins performs better than ISI marked Solar Collector. During the investigations, about 15-30% improvement in the collector efficiency was observed. Following invention is described in detail with the help of Figure 1 A of sheet 1 showing commercially available flat plate collector and Figure 1 B of sheet 1 showing semicircular section riser tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.686/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A UNIT OF ADJUSTABLE BRICKLAYING TOOLS

(51) International classification	:E04G21/20
(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)SHAIKH SHOEB HAJIMIYA
Address of Applicant :1126, MULLAHARUNS POLE,
PANCHPATTI, KALUPUR, AHMEDABAD, Gujarat India
(72)**Name of Inventor :**
1)SHAIKH SHOEB HAJIMIYA

(57) Abstract :

A unit of adjustable bricklaying tools including a bricklaying tool designed for laying mortar at horizontal joints and a bricklaying tool designed for laying mortar bed at vertical joints, for uniform and neat sheeting of bonding mortar beds in between horizontal and vertical joints of building material with varying sizes and dimensions, making the process quick and easy, to be achieved with the ensured thickness of mortar bed and ensured distance from the edge of the brick providing perfect finish at each joint giving an excellent and flawless appearance to the construction by a skilled, semi-skilled or even an un-skilled user.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.688/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :07/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN INTEGRATED STEEL PIPE INSPECTION AND SURFACE DEFECTS REMOVAL SYSTEM.

(51) International classification	:G01N29/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. MAYURESH DILIP BARBHAI
(32) Priority Date	:NA	Address of Applicant :FLAT NO. 4, BLDG NO. R-2, SR.NO.
(33) Name of priority country	:NA	1A, HIGHLAND WIND, KONDHWA -KHURD, PUNE-411048
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)MR. MAYURESH DILIP BARBHAI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An Integrated steel pipe inspection and surface defects removal system to identify all types of detects on steel pipes of any size and length; and to remove surface defect, is disclosed. Physical defects formed while steel rolling, as well as physical defects formed due to required chemical composition of the steel are identified in the system. The present invention comprises use of Chain Conveyors, Roller Conveyors, Pipe Feeding Assembly, Pipe Rotating Assembly, Magnetic Particle Inspection Assembly, Defect Removal Assembly, Parameter Measurement Assembly, Movable and Fixed stoppers, Ultrasonic Testing Machine, Spectral Testing Machine, Bar Dropping Assembly, Bend Segregation Assembly and Bar Identification Assembly. This cost effective and time saving system requires less manpower. Also this system eliminates the need of the Straightening or short blasting of steel pipe. The system is divided into Feeding Area, Inspection Area. Grinding Area, Physical Parameter Area, Ultrasonic Testing and Spectral Testing Area, Final Identification Area.

No. of Pages : 34 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.697/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN ORAL FORMULATION WITH ANTIOXIDANT PROPERTIES FOR THE TREATMENT OF HEPATIC DISEASES.

(51) International classification	:A61K31/00, A61K9/00	(71) Name of Applicant : 1)ZOTA HEALTH CARE LTD Address of Applicant :ZOTA HOUSE, 2/896, HIRA MODI STREET, SAGRAMPURA, SURAT-395002 Gujarat India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR. SANJAY AGRAWAL
(33) Name of priority country	:NA	2)MR. KAMLESH RAJNIKANT ZOTA
(86) International Application No	:NA	3)MR. KETAN CHANDULAL ZOTA
Filing Date	:NA	4)MR. MANUKANT CHANDULAL ZOTA
(87) International Publication No	: NA	5)MR. HIMANSHU MUKTILAL ZOTA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is based on an oral formulation which comprises two or more active ingredients along with some pharmaceutically excipients acceptable for the treatment of hepatic diseases and provide antioxidant, antitoxic properties along with osmoregulatory effects.

No. of Pages : 9 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.714/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A composition for vitalizing cell

(51) International classification	:A61K33/00, A61K31/00, A61K9/00	(71) Name of Applicant : 1)Ramnani Mukesh Kishinchand Address of Applicant :21, Shree Darshan Apartment 7, Dhyber Colony B/H Navjeevan High School Nr. Polo ground Vadodara - 390 001 Gujarat India
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:PCT//	(72) Name of Inventor :
Filing Date	:01/01/1900	1)Ramnani Mukesh Kishinchand
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A composition for vitalizing cell The present invention discloses composition for vitalizing cell comprises minerals, vitamins and pharmaceutical excipients. The composition fulfills all the nutritional requirements of body which are excluded from the water after reverse osmosis that results in problems or mineral and vitamins deficiencies in the body. To provide sufficient amount of all the essential elements, present invention provides composition in form of tablets, liquid, semi or solid form.

No. of Pages : 17 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.628/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :01/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : INVENTED INJECTION-TUBE NECK CUTTING MACHINE- WITHOUT SAWBLAD-HAMMERING FOR SECURITY MEDICIN+SERINZ SECTION-WITHIN 15 SECONDS

(51) International classification	:B67B7/92	(71)Name of Applicant :
(31) Priority Document No	:NA	1)PARHATE SHYAMRAO BHANUDAS
(32) Priority Date	:NA	Address of Applicant :PARHATE ENGINEERING
(33) Name of priority country	:NA	INDUSTRIES PLOT NO. 24 - 25, INDUSTRIAL ESTATE,
(86) International Application No	:NA	PANDHURNA 480334 Madhya Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)PARHATE SHYAMRAO BHANUDAS
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Most of the injections of medical & vaternery use are supplied in the glass vials. Breaking the neck of such glass vials without contamination of medicine in the vial & without injuries to person handling it is necessary. Present style of breaking neck doesnt care the safety. There is need of such device which cares safety of medicine in the vial & person handling it as well.The present invented device is step towards this direction.

No. of Pages : 4 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :14/03/2013

(21) Application No.779/MUM/2013 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : BERNOULLI BERNOULLI, THE AIR MAXIMIZING FAN & MAKING IT THEREOF.

(51) International classification	:F04D25/08	(71)Name of Applicant :
(31) Priority Document No	:NA	1)JOSHI HARSHA SAURIN
(32) Priority Date	:NA	Address of Applicant :50, VANDEMATRAM SOCIETY, NR.
(33) Name of priority country	:NA	VISHWAKARMA TEMPLE, GOTA, AHMEDABAD- 382481.
(86) International Application No	:NA	GUJARAT STATE, INDIA.
Filing Date	:NA	2)JOSHI SAURIN MANHARLAL
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)JOSHI SAURIN MANHARLAL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Quick release of pressurized air, from the micro vents, of the protrude cigar shaped aerodynamic hollow inner bodys head, placed inside the hollow airfoil ring, generates fast moving stream of air, adjacent to the curved surface of the hollow inner body by the BERNOULLI effect. Atmospheric air rushes into this low pressure area, generated by the fast moving stream, just before the airfoils leading edge, it is rammed by the inner body & gets compressed, between the inner curved surfaces, of the air foil ring & outer curved surface, of the hollow inner body. Converging gap increases the speed of air & lowers the pressure inside the airfoil ring. Outside air with high pressure induces & entrains into the fast moving flow & increases the outcome of air with higher volume & velocity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.301/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :04/02/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : VEHICLE DUAL COLOURED SIDE MARKER LIGHT SYSTEM

(51) International classification	:B60Q1/32	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Patel Hitesh Nanubhai
(32) Priority Date	:NA	Address of Applicant :B-2/103, La- Habitat Flats Opp. Shukan
(33) Name of priority country	:NA	Bunglows Opp. Aayana Shopping Centre 100 ft. Hebatpur Road
(86) International Application No	:PCT//	Thaltej Ahmedabad 380 053 Gujarat India
Filing Date	:01/01/1900	(72)Name of Inventor :
(87) International Publication No	: NA	1)Patel Hitesh Nanubhai
(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 vehicle dual coloured side marker light system. The side marker light system consists of two coloured lights in the side including one conventional amber light and another green coloured light which blink simultaneously when turned on. The connection of the green light is done with the opposite amber light in such a way that when amber direction light switch is moved from off to on for one direction the green light of the other direction will start blinking simultaneously.

No. of Pages : 10 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.455/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :18/02/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : SOLAR WATER HEATER FLAT PLATE COLLECTOR ABSORBER HAVING TRIANGULAR SECTIONED RISER TUBES WITH INTEGRAL FINS

(51) International classification	:F24J2/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr. Shashikant B Thombre
(32) Priority Date	:NA	Address of Applicant :Professor, Mechanical Engineering
(33) Name of priority country	:NA	Department, Visvesvaraya National Institute of Technology,
(86) International Application No	:NA	Nagpur 440010 Maharashtra India
Filing Date	:NA	2)Dr. Vivek Renurao Bhole
(87) International Publication No	: NA	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)Dr. Shashikant B Thombre
Filing Date	:NA	2)Dr. Vivek Renurao Bhole
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention improves collector efficiency by way of incorporating innovative designs of the absorber plate. Here, attempt is made to increase the apparent fin effectiveness and the heat transfer coefficient by way of circulating the fluid under the fin surface. The absorber design is conceived on the actual experience and observation that a solar flat plate collector having triangular sectioned riser tubes with integral fins performs better than ISI marked Solar Collector. During the investigations, about 15-30% improvement in the collector efficiency was observed. Following invention is described in detail with the help of Figure 1 A of sheet 1 showing commercially available flat plate collector and Figure 1 B of sheet 1 showing triangular section riser tube.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.710/MUM/2013 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : ISOLATION OF EXCIPIENT FROM STRYCHNOS POTATORUM L. (NIRMALI) FOR PREPARING PHARMACEUTICAL DOSAGE FORM

(51) International classification	:A61K36/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIRAJ N. SANGHAI

Address of Applicant :B20/11, GIRIDHAR AANGAN, OPP.
POPULAR NAGAR, OFF MUMBAI-BENGALURU BYPASS,
WARJE, PUNE-411052 Maharashtra India

2)MR. YOGESH SUMBE

3)DEEPA N. SANGHAI

(72)Name of Inventor :

1)NIRAJ N. SANGHAI

2)DR. S. G. GATTANI

3)MRS. DEEPA N. SANGHAI

4)MR. YOGESH S. SUMBE

(57) Abstract :

The present invention provides isolation of excipient from the Strychnos Potatorium Linn {Nirmali} for preparing pharmaceutical composition comprising model drug or pharmaceutically acceptable salt thereof and optionally one or more pharmaceutically acceptable excipients.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.905/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :20/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : NON STALLING AIR VALVE FOR AIR OPERATED DIAPHRAGM PUMPS

(51) International classification	:F04B49/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TERENCE V DCUNHA
(32) Priority Date	:NA	Address of Applicant :603, LABURNAM DMONTE PARK
(33) Name of priority country	:NA	ROAD, BANDRA WEST, MUMBAI 400050 Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TERENCE V DCUNHA
(87) International Publication No	: NA	2)SUNIL PANCHAL
(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 air driven reciprocating pump and in particular to actuator valves for air driven reciprocating devices. More precisely the present invention is directed to an improvement on the commercial application of the actuator valve. Actuator valves for reciprocating pneumatically driven devices have been developed which employ a pneumatically controlled valve piston responsive to the-connecting shaft position.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/MUM/2013 A

(19) INDIA

(22) Date of filing of Application :12/03/2013

(43) Publication Date : 12/04/2013

(54) Title of the invention : 5 LAYER VISIBLE PANCHA GHAVYA SOAP (PANCH TATTVA)

(51) International classification	:A61K8/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MR. UMESH SONI

Address of Applicant :105/107, 3RD FLOOR, ROOM NO.13,
C.P.TANK MUMBAI-400004, MAHARASHTRA, INDIA

(72)Name of Inventor :

1)MR. UMESH SONI

(57) Abstract :

The first layer from the top has cow urine, followed by Curd from cows milk, cow dung, cow milk and finally cow ghee. First and last layer is yellow color corresponding to color of ghee and urine, while the second and 4th layer is white, the color corresponding to milk and curd. The middle layer is of cow dung so is the black color layer and responsible for scrubbing & exfoliating effect.

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

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.1786/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :29/07/2008

(43) Publication Date : 12/04/2013

(54) Title of the invention : SIM CARD STRUCTURE

(51) International classification	:G01B
(31) Priority Document No	:12/170,245
(32) Priority Date	:09/07/2008
(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)BEAUTIFUL CARD CORPORATION
Address of Applicant :NO. 4, WENMING 1ST GUISHAN
TOWNSHIP,TAOYUAN COUNTRY 333,TAIWAN,
REPUBLIC OF CHINA.

(72)**Name of Inventor :**
1)CHENG,MENG-JEN

(57) Abstract :

In a SIM card structure, there are included a carrier substrate and a plurality of chips. The carrier substrate is provided at a central area with at least two parallelly arranged first weakening lines, and at two laterally opposite areas with a group of equally spaced second weakening lines each. The second weakening lines in each group are perpendicularly extended from one of the first weakening line toward one lateral edge of the carrier substrate, such that a plurality of card bodies is defined on the carrier substrate. Each of the card bodies is provided at a predetermined position with a receiving area for one of the chips to attach thereto and thereby forms a SIM card. Less material and storage room are needed for manufacturing and storing the card bodies, respectively. And, each of the SIM cards can be conveniently separated from the carrier substrate for use .

No. of Pages : 22 No. of Claims : 2

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :28/09/2010

(21) Application No.2325/DEL/2010 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : GLOW U : A FACE CARE SYSTEM

(51) International classification

:A61K

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

**1)CENTRAL INSTITUTE OF POST HARVEST
ENGINEERING AND TECHNOLOGY (ICAR)**

Address of Applicant :P.O. PAU, LUDHIANA-141004
Punjab India

(72)Name of Inventor :

1)DR. DEWINDER SINGH UPPAL

2)DR. HARINDER SINGH OBEROI

3)DR. RAMABHAU TUMADU PATIL

(57) Abstract :

Most of the cosmetic products available in the country are marketed by large companies like Gamier, Lakme, Avon, Ayur and a few small companies like Kudos Labs, Pentavox are entering the market with their products. Most of these products are highly priced and are beyond the reach of ordinary people. Generally, such cosmetic products have been manufactured using harsh chemicals like zinc phenolsulphonate, potassium sulphate, aluminium sulphate and cetyl alcohol which are expensive and also beyond the reach of large segment of Indian population. The extract, reported in the disclosure is a combination of caretonoids, limonoids, flavonoids and phenolic compounds have been quantified and have antioxidant properties, whereas none of the available products in market mention the concentration of such compounds. The mineral profile was studied using atomic absorption spectrophotometer (AAS). The products reported in the disclosure are purely natural products prepared from natural extract of fruit residues and other ingredients derived from organic sources.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2596/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :25/11/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : AUTOMATIC TURRET WINDER WITH WIRELESS COMMUNICATION

(51) International classification	:B65H	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LOHIA STARLINGER LIMITED
(32) Priority Date	:NA	Address of Applicant :D3/A PANKI INDUSTRIAL ESTATE,
(33) Name of priority country	:NA	KANPUR-208 022 Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MR. LOHIA, AMIT KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides an automatic turret winder which has motors mounted, preferably directly, on the parts they operate. Another aspect of the present invention is that the inverters that are used in the system are preferably built in with the motors. The type of motors used is preferably permanent magnet type, although brushless DC motors or servo motors may also be used. A slip ring is provided to facilitate communication between the CMC unit and inverter/motor pairs provided to operate the spindles. The gear and pulley systems used in conventional winders are not required in the present invention, thereby making the winders less cluttered and cumbersome and more energy efficient and easier to operate and maintain.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2903/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR DATA ENCRYPTION AND DECRYPTION

(51) International classification

:F21Q

(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)REVERE SECURITY CORPORATION

Address of Applicant :4500 WESTGROVE DRIVE,
ADDISON, TEXAS 75001, UNITED STATES OF AMERICA

(72)Name of Inventor :

1)OLAVI SAARINEN, MARKKU-JUHANI

(57) Abstract :

Various embodiments are described herein for a device and associated method for performing lightweight public key encryption and optionally corresponding decryption. In at least some embodiments, the lightweight public key encryption uses a CRT randomized-square operation rather than expensive big integer arithmetic. Furthermore, in at least some embodiments the payload data is included in the random masking variable r thereby allowing more data to be encrypted in less time.

No. of Pages : 37 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1785/DEL/2008 A

(19) INDIA

(22) Date of filing of Application :29/07/2008

(43) Publication Date : 12/04/2013

(54) Title of the invention : DOUBLE-WALLED PANEL FOR BUILDING

(51) International classification	:B28B
(31) Priority Document No	:12/146,687
(32) Priority Date	:26/06/2008
(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)CHEN, YEN-HSIANG
Address of Applicant :14F., NO. 28 LANE 167,
ZHONGZHENG RD., ZHONGH CITY, TAIPAI COUNTY 235,
TAIEAN, REPUBLIC OF CHINA. Taiwan
(72)**Name of Inventor :**
1)CHEN, YEN-HSIANG
2)CHANG, CHEN-WEI

(57) Abstract :

A double-walled panel for building includes a double-walled main body defining an inner space and two opposite open sides, and being internally provided with a plurality of spacing boards to divide the inner space into a plurality of chambers, and each of the chambers having two opposite open ends at the two open sides of the main body; a working liquid stored in the chambers in the main body; and at least two sealing covers for sealing the two open sides of the main body as well as the two open ends of each of the chambers. The double-walled panel may be used as a ceiling panel or a partition panel. The working liquid stored in the chambers not only helps in lowering indoor temperature in normal use conditions, but also helps in putting out fire when the building is on fire.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2895/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SAFETY INTRAVENOUS CATHETER PLACEMENT ASSEMBLY

(51) International classification	:F21Q	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MEDIPLUS (INDIA) LIMITED
(32) Priority Date	:NA	Address of Applicant :1261-1262 M.I.E. BAHADURGARH
(33) Name of priority country	:NA	HARYANA-124507 India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHARAD MITTAL
(87) International Publication No	:NA	2)SANDEEP GOEL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A safety intravenous catheter placement assembly introduced to place the catheter into the human body retracting the needle safely within a protective needle guard. The catheter assembly constituted with catheter unit & housing. The said housing has a needle holder or hollow body. The needle holder or hollow body has two portions, wherein rear portion is cylindrical and front portion is semi-cylindrical. A needle guard exists into front portion of needle holder or hollow body. The needle guard is designed with a nose or cap which is fitted at the cylindrical box. The needle guard has rod shaped spring holder designed at the inside surface of the cap or nose which further bears a spring over its body. A Γ. shaped metal strip is fitted at the spring bearing spring holder.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2908/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR CONTROLLING THE TEMPERATURE OF AIR CONDITIONER

(51) International classification

:F21Q

(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)AMITY UNIVERSITY

Address of Applicant :AN INDIAN REGISTERED, BODY
INCORPORATED UNDER THE REGN OF SOC ACT XXI OF
SEC 125, NOIDIA -201303 Delhi India

(72)Name of Inventor :

1)ASHOK K. CHAUHAN

2)V.K.JAIN

(57) Abstract :

The present invention relates to a method and a system for controlling the cooling by AC in the range of 4°C to 30°C by modifying the temperature sensor of AC itself. The variation in resistance with temperature in the said range is manipulated by redesigning the temperature sensor with an additional small electronic circuitry. The system makes possible to switch it to use for cold storage and also for home.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2909/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A NOVEL BIOACTIVE EXTRACT FOR PREVENTION/ TREATMENT OF ACNE

(51) International classification	:A01J	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MEGHA RIKHI
(87) International Publication No	:NA	2)SWATI KAUSHIK
(61) Patent of Addition to Application Number	:NA	3)V.POOJA
Filing Date	:NA	4)HINA SANWAL
(62) Divisional to Application Number	:NA	5)SEEMA BHATNAGAR
Filing Date	:NA	6)ASHWANI K. SRIVASTAVA

(57) Abstract :

The present invention provides a bioactive extract of Datura metel leaf for preventing or treating acnes. The bioactive extract comprises secondary metabolites attributed to anti-acne property of the Datura leaf extract. Secondary metabolites from Datura metel leaf are extracted by fractional extraction in different solvents.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2936/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CHITOSAN PRODUCTION AND PURIFICATION

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DIRECTOR GENERAL, DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

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(72)Name of Inventor :

1)TRIVEDI, SHAUNAK JITENDRAPRASAD

2)KUMAR, OM

3)AGARWAL, MUKESH KUMAR

4)BHARTI, SACHIN

5)VIJAYARAGHAVAN, RAJAGOPALAN

(57) Abstract :

The present invention provides for a method of producing chitosan of consistent quality and purity by culturing filamentous fungus belonging to Mucoraceae family and isolating chitosan from the culture. The present invention provides a highly efficient, economical method for production of chitosan in high yield of constant quality and purity.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2938/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CATALYTIC GAS PHASE FLUORINATION OF 1,1,2-TRICHLOROETHANE AND/OR 1,2-DICHLOROETHENE TO PRODUCE 1-CHLORO-2,2-DIFLUOROETHANE

(51) International classification

:C07C

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BAYER CROPSCIENCE AG

Address of Applicant :ALFRED-NOBEL-STRASSE 50,
40789 MONHEIM, GERMANY

(72)Name of Inventor :

1)SHANTHAN RAO PAMULAPARTHY

2)SRINIVAS PVSS

3)THOMAS VIJAYA

4)SRIDHAR MADABHUSHI

5)RAMBABU YADLA

6)NARSAIAH BANDA

7)SERGII PAZENOK

8)NORBERT LUI

(57) Abstract :

The invention is directed to a catalyst for the gas phase fluorination of 1,1,2-trichloroethane and/or 1,2-dichloroethene with HF to give 1-chloro-2,2-difluoroethane which catalyst is prepared by co-depositing FeCl₃ and MgCl₂ on chromia-alumina, or co-depositing Cr(NO₃)₃ and Ni(NO₃)₂ on active carbon, or by doping alumina with ZnCl₂, and to a process for the preparation of 1-chloro-2,2-difluoroethane comprising a catalytic gas phase fluorination of 1,1,2-trichloroethane and/or 1,2-dichloroethene wherein one of the catalysts according to claim 2 or 3 is used.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1031/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN AUTOCLAVE STABLE RECOMBINANT CU/ZN SUPEROXIDE DISMUTASE WITH ENHANCED THERMOFLEXIBILITY

(51) International classification	:C07C	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :AUNSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)ARUN KUMAR
(61) Patent of Addition to Application Number	:NA	2)SOM DUTT
Filing Date	:NA	3)PARAMVIR SINGH AHUJA
(62) Divisional to Application Number	:NA	4)SANJAY KUMAR
Filing Date	:NA	

(57) Abstract :

The present invention provides a mutant of Pot-SOD (mut.Pot-SOD), a construct containing the gene coding for superoxide dismutase and transformed E.coli producing the mut.Pot-SOD protein.

No. of Pages : 34 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2901/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PLAYING AUDIO IN TRICK-MODES

(51) International classification

:F21Q

(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)NXP B.V.

Address of Applicant :HIGH TECH CAMPUS 60, NL-5656

AG EINDHOVEN (NL) Netherlands

(72)Name of Inventor :

1)GANESH, S.

2)JAISWAL, SUMIT

(57) Abstract :

A method of playing a digital audio signal at a speed different from that at which it was recorded. The method comprises: playing a first segment of the signal; skipping to a second segment that is not contiguous with the first segment; and playing the second segment, wherein at least one of the first and second segment is played at a rate different from the rate at which it was recorded.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2913/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : BREATHING DEVICE TO BE USED WITH DIELECTRIC FILLED DEVICES LIKE TRANSFORMERS

(51) International classification

:B64D

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MAHASHAKTI ENENRY LIMITED

Address of Applicant :A-8 9-A TO A-15A NEW FOCAL
POINT DABWALI ROAD BATHINDA-151001 PUNJAB India

(72)Name of Inventor :

1)ANURAG MALHOTRA

(57) Abstract :

The presently available free breathing system permits breathing in transformers due to expansion/ contraction of oil, but also permits ingress of moisture from open atmosphere, which is detrimental to the health of transformer.

No. of Pages : 22 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2915/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : EMISSION REPORTING AND MONITORING

(51) International classification	:B23B	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ALCATEL-LUCENT
(32) Priority Date	:NA	Address of Applicant :3 avenue Octave Grard Paris France
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:NA	1)GUPTA Varun
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described are embodiments of methods an emission data encoding and transmission system (102) to encoded emission data and identification data associated with at least one emission generating entity (EGE) (106) and transmit the encoded data via a telecommunication network entity to an emission data collection and monitoring system (104) where the encoded data is processed to obtain the emission data and the identification data. According to one embodiment the method comprises obtaining the emission data and the identification data associated with the at least one EGE (106) generating an encoded message comprising at least in part the emission data and the identification data and transmitting the encoded message to a telecommunication network entity. In one embodiment the method comprises receiving the encoded message from a telecommunication network entity processing the encoded message to obtain the emission data and the identification data and using the obtained data for various purposes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2916/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CAR SIDE VIEW ROOF COMPOSITE CAMERA

(51) International classification	:G11B	(71) Name of Applicant :
(31) Priority Document No	:NA	1)BHATIA SUNDER LAL
(32) Priority Date	:NA	Address of Applicant :88, 1ST FLOOR, CHANDER LOK
(33) Name of priority country	:NA	ENCLAVE, PITAMPURA, DELHI. 110034 India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BHATIA SUNDER LAL
(87) International Publication No	:NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		
NA		

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN IMPROVED MOULDED FAN ASSEMBLY

(51) International classification

:F04D

(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)ABHINAV CHAUHAN

Address of Applicant :KUNSTOCOM INDIA LIMITED E-
27, DEFENCE COLONY, 110024 Delhi India

2)KUNSTOCOM INDIA LIMITED

(72)Name of Inventor :

1)ABHINAV CHAUHAN

(57) Abstract :

The present invention provides an improved moulded fan assembly comprising rotatable hub and fan blades of improved shape and design in a single unit to increase its efficiency, lower noise, greater fluid movement capability and reduced air loss. The design increases the air throw distance more than 35 feet at around 1400 rpm. Various angles, length, and other dimensions of the blade have predetermined values to produce a superior fan performance.

No. of Pages : 10 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.509/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :21/01/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A DEVICE PRODUCING ENERGY THROUGH THE TEMPERATURE DIFFERENCE OF FLUIDS

(51) International classification	:F16K
(31) Priority Document No	:200810126888.8
(32) Priority Date	:10/07/2008
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2009/072525
Filing Date	:30/06/2009
(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

(71)Name of Applicant :

1)CHANG, CHUNGHO

Address of Applicant :IN THE MIDDLE 0502#EAST 3RD FLOOR UNIT 1, WINDSOR CASTLE BUILDING 5 NO. 168, GUOJI ROAD, JINSHUI DISTRICT ZHENGZHOU, HENAN 450045 CHINA

(72)Name of Inventor :

1)CHANG, CHUNGHO

2)STUHR, WILHELM

(57) Abstract :

An device producing energy through the temperature difference of fluids includes: an equipment producing differences in gas pressure (100) which produces differences in gas pressure through the use of a heat source; an equipment producing high-pressure gas (500) which produces said high-pressure gas through the differences in gas pressure from the equipment producing differences in gas pressure (100); a pressure-storing equipment (600) which is used to store the high-pressure gas produced from the equipment producing high-pressure gas (500); and an energy-producing equipment (700) which can be rotated by the high-pressure gas stored in the pressure-storing equipment (600). The device makes effective use of energy.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2918/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : VORTEX DIODES AS REACTORS AND EFFLUENT TREATMENT DEVICES

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI-110001, INDIA,
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)VIVEK VINAYAK RANADE
(61) Patent of Addition to Application Number	:NA	2)AMOL ARVIND KULKARNI
Filing Date	:NA	3)VINAY MANOHARRAO BHANDARI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention discloses vortex diodes as reactors. Particularly the invention discloses vortex diodes with inserts as reactors and use of such vortex diode reactors for treatment of water/ industrial effluent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2919/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SILA ANALOGS OF OXAZOLIDINE DERIVATIVES AND SYNTHESIS THEREOF

(51) International classification	:B64D	(71)Name of Applicant :
(31) Priority Document No	:NA	1)COUNCIL OF SCIENTIFIC & INDUSTRIAL
(32) Priority Date	:NA	RESEARCH
(33) Name of priority country	:NA	Address of Applicant :ANUSANDHAN BHAWAN, RAFI
(86) International Application No	:NA	MARG, NEW DELHI - 110 001, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:NA	1)DUMBALA SRINIVASA REDDY
(61) Patent of Addition to Application Number	:NA	2)SEETHARAM SINGH BALAMKUNDU
Filing Date	:NA	3)REMYA RAMESH
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to novel oxazolidinone derivatives having potential antimicrobial activity over wide spectrum of pathogens and modulation of coagulation properties of blood-clotting cascade. More particularly, the invention relates to silicon analogs of oxazolidinone compounds, to pharmaceutical compositions and to the synthesis of the oxazolidinone derivatives. The invention further relates to methods of treating a subject suffering with gram positive pathogens including those resistant to methicillin and vancomycin using the compound(s) or modulation of coagulation properties of blood-clotting cascade or compositions of the oxazolidinone

No. of Pages : 50 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2933/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : EDUCATIONAL KIT FOR THE DEMONSTRATION OF 8085 FLAGS.

(51) International classification	:H01K	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AMITY UNIVERSITY
(32) Priority Date	:NA	Address of Applicant :AMITY UNIVERSITY, CAMPUS,
(33) Name of priority country	:NA	SECTOR-125, NOIDA-201303, Uttar Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ANIL KUMAR SHUKLA
(87) International Publication 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 educational kit for demonstration of various flags of the 8085 microprocessor. The kit comprises two electrical boards. The first electrical board consists of 8-bulbs, which represents the status of 8-bit result after some arithmetical and logical operations. The second electrical board consists of 5-bulbs, which represent the status of all the five flags of 8085 microprocessor. The experimental setup demonstrates the status of individual flags of 8085 microprocessor for the various results of arithmetical and logical operations. The status of these flags is extremely important for predicting the result after the signed number operations. The system is very useful for students, microprocessor based product designers, technicians etc. to know the correct status of all the flags of 8085 microprocessor.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2934/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN IMPROVED PROCESS FOR PREPARATION OF NUTRACEUTICAL JELLY MANGOSTEEN RIND

(51) International classification

:A23L

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH

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

(72)Name of Inventor :

1)M.N. SHASHIREKHA

2)SHYLAJA M. DHARMESH

3)S. RAJARATHNAM

(57) Abstract :

The present invention provides an improved process for preparation of nutraceutical jelly from mangosteen rind exclusively extracted with 70% ethyl alcohol which results in xanthone rich powder having antioxidant, cytoprotective, DNA protective, H+K+ATPase inhibition, anti-shigella activity and potential anti-cancerous activity. The obtained jelly is stable and free from bitterness.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2935/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A FLUORIDE REMOVAL WATER PURIFICATION SYSTEM

(51) International classification

:C02F

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)DIRECTOR GENERAL DEFENCE RESEARCH & DEVELOPMENT ORGANISATION

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(72)Name of Inventor :

1)JAIN Surendra Kumar

2)ABRAHAM Thomas Njarakkattil

3)KUMAR Rajesh

4)VERMA Sunita

5)HARWANI Geeta

(57) Abstract :

The invention provides a water purification system for removing fluoride ions wherein the said system comprises filtration units, fluoride removal unit and an online regeneration assembly for fluoride removal unit. The online regeneration assembly comprises the circulation of 7.5% alum solution for the regeneration of saturated resin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.7090/DELNP/2011 A

(19) INDIA

(22) Date of filing of Application :15/09/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : INTELLIGENT MONITORING CAMERA APPARATUS AND IMAGE MONITORING SYSTEM IMPLEMENTING SAME

(51) International classification :H04N
(31) Priority Document No :10-2009-0047275
(32) Priority Date :29/05/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/003310
Filing Date :26/05/2010
(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)YOUNGKOOK ELECTRONICS, CO., LTD
Address of Applicant :1432-10 SEOCHO-DONG, SEOCHO-GU SEOUL 137-070, SOUTH KOREA (KR) Republic of Korea
(72)**Name of Inventor :**
1)KIM, BAE HOON
2)LEE, JEE HWAN

(57) Abstract :

The present invention relates to a monitoring camera apparatus which directly detects motion in an image to control the pan/tilt/zoom of a centralized monitoring camera, and which transmits a wide area monitoring image and a centralized monitoring image together to a control device in a remote place, and also relates a remote monitoring system using same. The monitoring camera apparatus acquires monitoring images to be displayed in a remote control device (40), and controls a centralized monitoring imaging unit (20) without the assistance of the remote control device (40). The monitoring camera apparatus comprises a wide angle imaging unit (110), a control and signal-processing unit (120), and signal-transmitting units (160, 162). The wide angle imaging unit (110) acquires a wide angle image for a monitoring area. The control and signal-processing unit (120) detects the location of a moving object from the wide angle image, generates a control signal corresponding to the location information of the moving object to control the centralized monitoring imaging unit (20) to photograph the moving object, and receives the centralized monitoring image acquired by the centralized monitoring imaging unit (20). The signal-transmitting units (160, 162) transmit the monitoring image containing the centralized monitoring image to the remote control device (40).

No. of Pages : 82 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1163/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :19/05/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : RADOME AND SHROUD ENCLOSURE FOR REFLECTOR ANTENNA

(51) International classification

:H01Q

(31) Priority Document No

:12/484,123

(32) Priority Date

:12/06/2009

(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)ANDREW LLC

Address of Applicant :1100 COMMSCOPE PLACE SE
HICKORY, NC 28602 U.S.A.

(72)Name of Inventor :

1)SYED, JUNAID

2)LEWRY, MATTHEW

3)RENILSON, IAN

4)SIMMS, STEPHEN

(57) Abstract :

An enclosure for the open end of a reflector antenna includes a cylindrical shroud coupled to a distal end of the reflector antenna, the shroud generally coaxial with a longitudinal axis of the reflector antenna. A retaining band is coupled to an inner diameter of the shroud, proximate a distal end of the shroud. The retaining band is provided with a retaining groove open radially inward towards the longitudinal axis. The retaining groove provided with a bottom extending radially outward beyond an outer diameter of the shroud. A radome is seated within the retaining groove.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1801/DEL/2010 A

(19) INDIA

(22) Date of filing of Application :30/07/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : DISH ANTENNA

(51) International classification	:F16M 11/04	(71) Name of Applicant : 1)CROWN STAR ASIA PACIFIC LIMITED
(31) Priority Document No	:NA	Address of Applicant :RMS 1304-5, HANG SENG NORTH
(32) Priority Date	:NA	POINT BLDG., 339 KING'S RD., NORTH POINT, HONG
(33) Name of priority country	:NA	KONG, CHINA
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YEH LIN, WAN-JU
(87) International Publication 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 dish antenna is provided as an antenna arrangement that reduces overall size, occupies a small amount of space, and shows an effect of high gain. The dish antenna includes a dish portion, a metal plate, a bracket, a carrier, a stand, and a bottom board. The dish portion shows a curved configuration. The metal plate carries at least one antenna element mounted thereto in a rectangular array, or in a left-right symmetric form, or simply set at a central position. The antenna elements are connected to each other with transmission match lines to realize concentration and in-phase superimposition of electromagnetic waves and increase of transmitting/receiving power of antenna.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2912/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN ALARMING DEVICE TO BE USED TO MONITOR DISLOCATION OR DAMAGE OF TRANSFORMERS WINDINGS

(51) International classification

:B23B

(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)MAHASHAKTI ENENRY LIMITED

Address of Applicant :A-8 9-A TO A-15A NEW FOCAL
POINT DABWALI ROAD BATHINDA-151001 PUNJAB India

(72)Name of Inventor :

1)ANURAG MALHOTRA

(57) Abstract :

Electrical devices like transformer, reactors, motors, generators etc suffer from defect of dislocation or damage of windings. Such defects cause failure of device, decrease effective life of device and efficiency of device decreases.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/DEL/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A FLEXIBLE SEALING GASKET WITH O-SHAPED COLLAR

(51) International classification

:F21V

(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)Rajesh Kumar Gupta

Address of Applicant :House No. 2591 Urban Estate Dugri
Phase-I Ludhiana Punjab India

(72)Name of Inventor :

1)Rajesh Kumar Gupta

(57) Abstract :

Disclosed is a flexible sealing gasket with o-shaped collar for go-through sealing of a pipe or the like through a wall ceiling or floor into or out from a room. The sealing gasket comprises a circular periphery with flexible zone an O-shaped collar arranged to be installed between the surface of the wall ceiling or floor where the through hole of the collar is arranged to insert over the pipe to be led through and wherein the circular periphery is essentially impermeable to liquids.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.398/DEL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A TRAY DRYER HAVING A NOVEL/UNIQUE DESIGN OF PLENUM CHAMBER

(51) International classification	:A23L	(71)Name of Applicant :
(31) Priority Document No	:NA	1)CENTRAL INSTITUTE OF POST-HARVEST
(32) Priority Date	:NA	ENGINEERING AND TECHNOLOGY (CIPHET), INDIAN
(33) Name of priority country	:NA	COUNCIL OF AGRICULTURAL RESEARCH (ICAR),
(86) International Application No	:NA	Address of Applicant :DIRECTOR, CENTRAL INSTITUTE
Filing Date	:NA	OF POST-HARVEST ENGINEERING AND TECHNOLOGY
(87) International Publication No	:NA	(CIPHET), PO: PAU, LUDHIANA-141004, PUNJAB (INDIA)
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SINGH KRISHNA KUMAR
(62) Divisional to Application Number	:NA	2)KADAM DATTATREYA MAHADEV
Filing Date	:NA	3)PATIL RAMABHAU T

(57) Abstract :

The dryer is one of the most essential equipment required in food processing as most of the fruits and vegetables and crop commodities require drying for preservation as well as for processing. The CIPHET has developed a tray dryer having a unique design of plenum chamber which facilitates horizontal as well as vertical hot air movement. This concept has minimized the problem of non-uniform drying of food materials in different trays in the tray dryer. Inside drying chamber has racks to hold 14 trays which is sufficient to load about 30 kg of fresh sliced fruits and vegetables for drying in thin layer per batch. Trays are made up of aluminum frame to hold the heat resistant nylon mesh, which help to ease pass of moisture carrying wet air from the food product and faster drying rate. Dryer consists of heat controller system for switching on/ off the 1 KW capacity 8 numbers of heaters. Heated air from heating chamber to drying chamber is carried and circulated/ recirculated by different split section with help of 1 hp motor. Due to air movement through different section helps to dry the product uniformly in all the trays. This equipment can be useful in drying vegetables for soup making, fruit pulp for making fruit leather, drying of spices and condiments to achieve better quality.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1173/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : IMPROVEMENTS IN METHOD AND SYSTEM FOR IN-SITU CONSTRUCTION OF CIVIL STRUCTURES

(51) International classification	:E04B1/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:338/MUM/2009
Filed on	:17/02/2009
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)KAILAS SURESH KENJALE
Address of Applicant :22 PARVATI GAON, PUNE 411009,
MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)KAILAS SURESH KENJALE

(57) Abstract :

An assembly of pre-cast elements like concrete column forms, beam forms and lightweight concrete wall elements for building a cast-in-situation reinforced concrete structure & building and, method of manufacturing, assembling, erecting & casting the same. The casted assemblies/modules are then put together on site in order to receive the column rebar cages & cast-in-situation concrete therein to form a monolithic RCC structure. The assemblies are manufactured in the factory, transported to the site, erected with the help of a crane, fitted with a special kind of formwork panels, formwork support assemblies & rebar grid. Further described are systems and methods for water proofing of said civil structures constructed in-situ using precast members.

No. of Pages : 10 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1175/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :08/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : NOVEL LOW EMISSION INDIRECT INJECTION DIESEL ENGINE

(51) International classification

:F02B1/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA MOTORS LIMITED

Address of Applicant :BOMBAY HOUSE, 24 HOMI MODY STREET, HUTATMA CHOWK, MUMBAI 400 001, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)MR. PETKAR R M

2)MR. KATKAR D R

3)MR. BHANDARI R V

4)MR. KULKARNI D S

5)MR. SATHYANARAYANAN G

6)MR. DWIVEDI A K

(57) Abstract :

Low emission indirect injection diesel engine comprises of engine hardware, after treatment system & electronic emission control devices. The hardware comprises of EGR cooler & EGR valve which provide proportional EGR into the engine. Various sensors that provide input signals to the EGR controller are also incorporated into the engine suitably. The EGR controller regulates EGR depending upon various inputs received from sensors mounted on the engine. In addition, the EGR controller is programmed with special strategies which protect the engine under extreme operating conditions. The onboard diagnostic feature provides an indication to the driver regarding system malfunction. The after treatment system comprises of a diesel oxidation catalyst & partial particulate filter. The combination of diesel oxidation catalyst & partial particulate trap is optimized in such a way that it results in regeneration on a continuous basis.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1176/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :08/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : NANOFORMULATIONS FOR BRAIN DELIVERY

(51) International classification	:A61K38/28	(71) Name of Applicant :
(31) Priority Document No	:NA	1)VAVIA PRADEEP RATILAL
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF
(33) Name of priority country	:NA	PHARMACEUTICAL SCIENCES AND TECHNOLOGY,
(86) International Application No	:NA	INSTITUTE OF CHEMICAL TECHNOLOGY (DEEMED
Filing Date	:NA	UNIVERSITY) NATHALAL PARIKH MARG, MATUNGA
(87) International Publication No	: NA	(EAST), MUMBAI 400019 Maharashtra India
(61) Patent of Addition to Application Number	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VAVIA PRADEEP RATILAL
(62) Divisional to Application Number	:NA	2)WAVIKAR PREETI RAMESH
Filing Date	:NA	

(57) Abstract :

The present invention describes pharmaceutical compositions of nasal spray/drops for systemic delivery of drugs. The pharmaceutical nasal spray/drops composition which comprises nanosuspension phase which contains drug in form of nanosuspension which is stabilized either by surfactants or polymers or their combination and in-situ gelling phase which contains in-situ gelling polymer with other ingredients; pH modifier, preservative etc. These two phases are mixed to form uniform dispersion of nanosuspension in in- situ gelling phase.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1194/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : A NON REACTION IDLE MECHANISM

(51) International classification	:F02D35/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)EXCEL CONTROLINKAGE PVT. LTD.
(32) Priority Date	:NA	Address of Applicant :W-68 MIDC INDUSTRIAL AREA,
(33) Name of priority country	:NA	HIGANA ROAD, NAGPUR-440016, Maharashtra India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHOK MRIG
(87) International Publication No	: NA	2)PRAFULL GHAGRE
(61) Patent of Addition to Application Number	:NA	3)ASHISH CHIKALKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An idle mechanism for regulating a throttle of an engine having a throttle lever is disclosed. The idle mechanism comprises of an actuating lever connected at one end to the throttle such that movement of the actuating lever from a first position to a second position moves the throttle between a low idle mode and a high idle mode. The actuating lever is connected at the other end to the throttle lever by a non-reaction coupling mechanism. The non-reaction coupling mechanism is configured to transmit forces only from the throttle lever to the actuating lever and to prevent forces from the actuating lever to be transmitted back to the throttle lever.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1206/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : A PROCESS OF TRIPLE FILTRATION BY DISPOSABLE PEN WATER PURIFYING DEVICE.

(51) International classification

:C02F1/32,
B01D35/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)PAWAR UMESH RAJARAM

Address of Applicant :FLAT NO 17, BUILDING NO.2,
ANKITA APARTMENTS, SURVEY NO. 25, NEAR
NITYANAND HALL, HINGNE KHURD, PUNE-411051,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)PAWAR UMESH RAJARAM

(57) Abstract :

The present invention encompasses a process of triple filtration by a portable pen type water purifying device. The purifying device is user friendly, needs no external power source for operation and is a better substitute instead of carrying bottled water every time.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1339/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :27/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN APPARATUS FOR AUTHORIZING, STORAGE AND NAVIGATION THROUGH MULTIMEDIA BOOKS.

(51) International classification

:G06F19/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING, 9TH FLOOR,
NARIMAN POINT, MUMBAI 400021, MAHARASHTRA,
INDIA.

(72)Name of Inventor :

1)GHOSH HIRANMAY

2)WATTAMWAR SUJAL SUBHASH

(57) Abstract :

The present invention relates to the creation of Multimedia Books with contextual re-use of existing multimedia contents, its storage and a browser for its linear or non-linear navigation. Further, the invention provides a system and method to ingest multimedia contents in a content repository, annotate them at different levels of granularity and to establish their ownership. Therefore the user can search in the content repository to locate appropriate contents or appropriate parts of the contents through browsing and searching. A Multimedia Book can be played through an interactive browser that permits non-linear navigation through the book using table of contents.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1648/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :31/05/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : A WATER PURIFICATION DEVICE

(51) International classification	:C02F 1/00	(71) Name of Applicant : 1)HINDUSTAN UNILEVER LIMITED
(31) Priority Document No	:NA	Address of Applicant :165/166 BACKBAY
(32) Priority Date	:NA	RECLAMATION, MUMBAI - 400020, MAHARASHTRA,
(33) Name of priority country	:NA	INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CHATTERJEE JAIDEEP
(87) International Publication No	:N/A	2)RAMCHANDRA RAJEESH KUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a water purification device and in particular relates to a water purification device that may be used as a gravity fed system or adapted to be connected to the main water supply. The present water purification device is capable of dosing a controlled level of a biocide to the water and has a filtration unit that functions as a filter-cum-biocide-scavenger. This water purification device provides several advantages over the prior art especially in terms of reducing the complexity of the device thus making it economical and reducing the number of replaceable parts without affecting the performance in terms of microbial safety or flow rate. Another advantage of the system is that it can be adapted for use with liquid biocides.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2272/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CONTENT QUALITY AND USER ENGAGEMENT IN SOCIAL PLATFORMS.

(51) International classification	:G06F 21/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(32) Priority Date	:NA	FLOOR,NARIMAN POINT,400021 MAHARASHTRA, INDIA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)MISHRA PRATIK KUMAR
Filing Date	:NA	2)POTHINENI DINESH
(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 :

Systems and methods for enhancing content quality and user engagement in social platforms are described. In one implementation, a method includes assessing a quality of each of a plurality of user contributed contents related to at least one topic associated with a web based social platform based at least on topic quality assessment parameters to generate a topic quality score for the at least one topic. Further, the method comprises generating a credibility score for each of a plurality of users who contributed the user contributed contents based in part on the topic quality score. Based on the credibility scores, at least one credible user from the plurality of users is identified to enhance at least one of quality of the web based social platform and user engagement in the web based social platform.

No. of Pages : 28 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2751/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DAMAGE ASSESSMENT OF AN OBJECT

(51) International classification	:G06F 11/00	(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	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)SWAMY Prashanth
Filing Date	:NA	2)YG Goutam
(87) International Publication No	: NA	3)CHANDRA M Girish
(61) Patent of Addition to Application Number	:NA	4)P Balamuralidhar
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Systems and methods for assessing damage in a damaged object are disclosed. The method comprises receiving visual data of the damaged object by a computing system. The visual data is converted into at least one Multi-Dimensional (MD) representation of the damaged object. The method further comprises identifying a first set of characteristic points in the at least one MD representation of the damaged object. The first set of characteristic points includes at least one subset of characteristic points, and each of the at least one subset of characteristic points substantially corresponds to a portion of the damaged object. The method furthermore comprises determining at least one first set of contour maps of the portion of the damaged object using the at least one MD representation. Using the first set of characteristic points and the at least one first set of contour maps, the damage in the damaged object is assessed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1195/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : A COUPLING MECHANISM

(51) International classification	:B63H25/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXCEL CONTROLINKAGE PVT. LTD.
Address of Applicant :W-68 MIDC INDUSTRIAL AREA,
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(72)**Name of Inventor :**
1)ASHOK MRIG
2)PRAFULL GHAGRE
3)ASHISH CHIKALKAR

(57) Abstract :

A non-reaction coupling mechanism for coupling an actuating member to a driven shaft comprises of a housing with opening for driven shaft and a cam defining a radial projection within the housing mounted on driven shaft. The radial projection has a central surface, a pair of side surfaces on either side of the central surface. A pair of rollers are positioned between the radial projection and the housing and having a resilient member in between. The first and second rollers is sized such that when partly or completely positioned on the side surface the rollers contact the housing and serve as a wedge between the cam and the housing and when positioned on the central surface a gap is formed between the rollers and the housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1209/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :13/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE AND MANUFACTURE OF DISC TYPE SAMPLE HOLDER FOR BACTERIAL MOVEMENT DETECTION

(51) International classification	:C12M1/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SACHIN LOKAPURE
(32) Priority Date	:NA	Address of Applicant :5099 NEAR ASHA TALKIES, OPP.
(33) Name of priority country	:NA	OMKAR APTS., MIRAJ, DIST. SANGLI-416410, Maharashtra
(86) International Application No	:NA	India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)SACHIN LOKAPURE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A disc type sample holder system having rectangular base plate, upper round shaft and middle punch. Device consisting upper round shaft and base plate engage with mechanical power press. The base plate consists of at least four apertures for fixing plate to mechanical power press. The upper round shaft and middle punch are joined by means of screw fitting. The shape of punch is according to disc type with it has handle. In between base plate and middle punch, a thin metal sheet is placed. Applying pressure by means of upper round shaft with middle punch to die cavity of lower base plate, which a thin metal sheet gives pieces of disc type sample holder below base plate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2433/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : FACET DATA NETWORK

(51) International classification	:G06F17/30
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building 9th Floor Nariman
Point Mumbai MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)POTHINENI Dinesh
2)KUMAR MISHRA Pratik
3)SUNDARARAJAN Deepak

(57) Abstract :

Systems and methods for developing a facet data network for an employee of an enterprise. The method comprises receiving a plurality of information records from at least one information source. The plurality of information records relates to at least one activity performed by the employee of the enterprise. The method further comprises associating each of the plurality of information records with at least one facet from amongst a plurality of facets defined for one or more employees of the enterprise. The method further comprises generating a plurality of information packets, each information packet corresponding to an information record from amongst the plurality of information records. An information packet from amongst the plurality of information packets links to one or more other information packets from amongst the plurality of information packets for building the facet data network.

No. of Pages : 25 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2783/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR SELECTING FORECASTING MODEL.

(51) International classification	:G06F 17/60	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(32) Priority Date	:NA	FLOOR,NARIMAN POINT,MUMBAI 400021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MOHANTY, SANTOSH KUMAR
(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 system and method to perform basic analysis on the observed data recorded over a period of time in order to suggest the best fit forecasting model in a computing environment. The system identifies for any seasonality or trend or any other dependency association inherent within the observed data series based upon which it recommends a forecasting model(s) that can be mapped to all patterns in a time series data.

No. of Pages : 28 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1185/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SHIPPING BOX FOR FRAGILE CONTENTS

(51) International classification	:B65D85/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)MR. HARESH MEHTA
(32) Priority Date	:NA	Address of Applicant :JAYANT HOUSE, BAIL BAZAR,
(33) Name of priority country	:NA	ANDHERI-KURLA ROAD, KURLA, MUMBAI 400 070,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72) Name of Inventor :
(87) International Publication No	: NA	1)MR. HARESH MEHTA
(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 six sided shipping box for fragile contents. It is made from a single creasable, semi rigid unitary blank, preferably cardboard, paper board or corrugated sheets. The blank is dye creased, dye cut, and folded to form a box, with a cover panel and oppositely placed bottom panel, a pair of laterally and oppositely placed offset side panels , a front panel and a laterally and oppositely placed rear panel. All panels have exterior and interior surfaces, common edges and/or free sides. The box is openable by the cover panel around a pair of connecting hinges which are contiguous with the rear panel and the offset panels. The cover panel has an extending cover flap separated by a fold line. Along the fold line is the 1st slot, and a dye cut extra insert flap within the cover flap. The front panel has front flaps which are folded along common double creased fold lines, along which is a 2nd slot to receive the insert flap. The 1st tab is dye cut from part of the front flap and front panel to fit in to 1st slot.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1186/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :09/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : A VACCUM AIDED EVAPORATION AND CONDENSATION SYSTEM FOR RAPID HEAT EXCHANGE

(51) International classification	:F28D21/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)LT. COL. SATISH M. VAIDYA (RETD)
(32) Priority Date	:NA	Address of Applicant :A-702, ITC RESIDENTIAL
(33) Name of priority country	:NA	COMPLEX, GURUJI PARMAR MARG PAREL, MUMBAI
(86) International Application No	:NA	400012, MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)LT. COL. SATISH M. VAIDYA (RETD)
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention is for a vacuum aided evaporation and condensation system for rapid heat exchange, which works at a minimum temperature difference of 1°C over ambient temperature. The system comprises of a sealed evaporation chamber with a heat source, a connecting means having a vacuum adjusting means, a surface condensation means, a 2nd condensing means and condensate chamber. A downward gradient of vapour pressure is maintained between the evaporation chamber and the surface condensation means to ensure continuous rapid heat exchange.

No. of Pages : 16 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1201/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : IGNITION OF FLUORESCENT TUBES WITHOUT PREHEATER ELEMENTS (FILAMENTS)

(51) International classification	:H05B41/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)VATSALA PILLAY
(32) Priority Date	:NA	Address of Applicant :3014-TYPE-III Q.T.R.S.ORD
(33) Name of priority country	:NA	FACTORY P.C.-461 122, ITARSI Madhya Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)T. ARUN KUMAR
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an improved circuit of the tube light which can be used on the existing tube light. The tube light contains the tube, electronic choke and an AC source. In this tube light preheating is not required. There is no need to have preheat element/filament and starter in this tube light. It increases the life of the tube for the indefinite time. This can be used in tube light as well as in CFL tube. This can also be called as solid state tube light.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2815/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :03/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : BIMETALLIC BUSBAR FOR BATTERY ASSEMBLY

(51) International classification	:H01M2/24	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA MOTORS LIMITED
(32) Priority Date	:NA	Address of Applicant :BOMBAY HOUSE,24 HOMI MODY
(33) Name of priority country	:NA	STREET,HUTATMA CHOWK,MUMBAI-400 001,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. JOHN DAVID LEWIS
(61) Patent of Addition to Application Number	:NA	2)MR. ROBINSON STONELY
Filing Date	:NA	3)MR.VALERIE ANNE SELF
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a bimetallic busbar (1) for interconnecting the positive (10) and negative (11) terminals of cells (9) in a battery assembly (8) comprising. In an embodiment, the busbar comprises a conducting base member, configured in the form of an intermediate portion (2), at least two spaced apart fingers, a first finger (3) and a second finger (4), supported in an upright manner on said base member (3). The first finger (3) has an abutting surface (5) for establishing face contact with a contacting surface of the positive terminal (10) of one of the cells (9) and the second finger (4) has an abutting surface (5') for establishing face contact with a contacting surface of the negative terminal (11) of another cell of the battery module. The abutting surface of each of the fingers is aligned in-line with the plane of its corresponding cell terminal, and the metallic property of each of the abutting surfaces is essentially the same as its corresponding cell terminal's contacting surface.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2753/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A NOVEL STANDALONE PRINTER ADD-ON DEVICE AND SYSTEM

(51) International classification	:H04N	(71)Name of Applicant :
	1/00	1)ANANT BALASAHEB SHINDE
(31) Priority Document No	:NA	Address of Applicant :SHIV-PARVATI, SAMBHAJI
(32) Priority Date	:NA	NAGAR, SR.NO.36/17/2B, DHANKAWADI, PUNE-411043
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	2)DARSH RAJESH SHAH
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)ANANT BALASAHEB SHINDE
(61) Patent of Addition to Application Number	:NA	2)DARSH RAJESH SHAH
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A small, low cost, intelligent, encrypted data storing, password protected and low power consuming standalone printer add-on device and system is described. The device and system described interfaces with a plurality of printers to allow a user to type, edit and print data and documents stored thereby. The device and system according to the present invention further programmatically interacts with a plurality of printing devices and a password protected programmable memory storage that can also store encrypted data. The device and system further has at least a first Universal Serial Bus port that connects the printer add-on device and system to a plurality of printing devices and at least a second Universal Serial Bus port that connects the printer add-on device and system to a plurality of peripheral devices such as smartphones, Universal Serial Bus keyboards, Universal Serial Bus memory sticks and external Hard Disks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2754/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :29/09/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A WATER BASED PRESSURE SENSITIVE ADHESIVE, ITS USE AND A METHOD OR PROCESS FOR MANUFACTURING THEREOF

(51) International classification	:A61L 15/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MR. SHRIKANT PRABHAKAR ATHAVALE
(32) Priority Date	:NA	Address of Applicant :B 801, VASTUSHREE PEARL, NEAR
(33) Name of priority country	:NA	UTSAV HALL, KINARA HOTEL LANE, PAUD ROAD,
(86) International Application No	:NA	KOTHRUD, PUNE-411038, MAHARASHTRA STATE, INDIA
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MR. SHRIKANT PRABHAKAR ATHAVALE
(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 method or a process for preparation of water based pressure sensitive adhesive composition. The coating composition necessarily includes ingredients namely Natural rubber latex solution, Resin emulsion, Filler emulsion and antioxidant emulsion that are, mixed in water solvent and heated at specific temperature for specific period of time to form an aqueous adhesive composition of the present invention. The pressure sensitive adhesive composition adapted to replace alcoholic solvent based adhesive composition to provide an eco friendly alternative for on adhesive tape products.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2832/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR BROWSER COMPATIBILITY TESTING OF A WEB APPLICATION

(51) International classification

:G06F
11/36

(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

(71)Name of Applicant :

1)TATA CONSULTANCY SERVICES LIMITED

Address of Applicant :NIRMAL BUILDING,9TH
FLOOR,NARIMAN POINT,MUMBAI 400021,
MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)ASHOKKUMAR SAHOO

2)SIDHARTH SAHOO

3)ARUNRAJ C

4)BIPLAB PATRA

(57) Abstract :

The present invention relates to a system and method for compatibility testing of a web application with different internet browsers and their respective versions over multiple operating systems on a common testing framework. Further, the invention provides a method for supporting functional and GUI testing of a web application.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2833/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SOFTWARE TESTING AUTOMATION FRAMEWORK

(51) International classification	:G06F11/36	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(33) Name of priority country	:NA	FLOOR,NARIMAN POINT,MUMBAI 400021,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)UMASHANKAR NISHANTH
(61) Patent of Addition to Application Number	:NA	2)THULASIDOSS ANURADHA
Filing Date	:NA	3)PARAMESWARAN RAMACHANDRAN
(62) Divisional to Application Number	:NA	4)N VIJAYAGOPAL
Filing Date	:NA	5)PARDESHI RAJSHREE
		6)N KUMARESAN

(57) Abstract :

A tool agnostic automation framework is providing an integrated platform or framework for automation abstracting the complexities of the underlying testing tools. Test cases are created using simple keywords and the test design is further simplified by easy selection of keywords. This enables test case creation to be done by manual testers or users with minimal automation knowledge or without having to know the complex scripts of testing tool. Test data is parameterized to support execution of a single test case multiple times with multiple data sets. Test cases can be executed and results can be analyzed easily by manual testers or users.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2834/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR QUEUE MANAGEMENT AND OPTIMIZATION

(51) International classification	:G06F 9/00	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(32) Priority Date	:NA	FLOOR,NARIMAN POINT,MUMBAI 400021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PATEL ,JAIDEEP KANUBHAI
(87) International Publication No	:N/A	2)PISUPATI, BALASUBRAMANIAN SUNDARARAJAN
(61) Patent of Addition to Application Number	:NA	3)BHAGWAT, ROHAN AVINASH
Filing Date	:NA	4)GATHIBANDHE, ROHIT GAJANAN
(62) Divisional to Application Number	:NA	5)TRIVEDI, KRUPA SATISH
Filing Date	:NA	

(57) Abstract :

The present invention discloses a system and method for customer service queue optimization in service delivery centre. The invention generates a token physically or remotely with respect to a type of service selected by the customer by receiving one or more input. The token generated includes token number and the estimated waiting time for the customer waiting in the queue for obtaining the service. The details of token are transmitted to the customer on his wireless device in the form of an SMS or electronic message. Also, if there is some change in waiting time due to any cancellation or delay the message will be transmitted to the customer regarding the updated estimated waiting time left in obtaining the service,

No. of Pages : 32 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2842/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A FOLDABLE STAND FOR HOLDING SMART PHONE

(51) International classification	:H04M 1/02	(71) Name of Applicant : 1)FIROZ SIDDIQUI
(31) Priority Document No	:NA	Address of Applicant :20 TULIPS A1 PART 2, SUKHWANI
(32) Priority Date	:NA	CAMPUS, VALLABHNAGAR, PIMPRI, PUNE 411 018
(33) Name of priority country	:NA	Maharashtra India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FIROZ SIDDIQUI
(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 provide a foldable stand for holding phone for operating thereof. The foldable stand includes a first vertical member for detachably securing the phone. The first vertical member includes a first portion, a circular member, at least one first suction cup secured over the circular member, and a second portion extending below the first portion. Further, the first vertical member includes at least one supporting member secured in one of openings for supporting the phone from a lower side, wherein the supporting member has plurality of vertical projection for securing the phone by press fit mechanism. Also, the foldable stand includes a second horizontal member and a plurality of second suction cups. The second horizontal member is pivotally secured to the second portion. The second suction cups are secured to the second horizontal member for securing the foldable stand on a table for operating the phone.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2847/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A CONTACT FOR ISOLATORS AND AN IMPROVED TURN-AND-TWIST ISOLATOR MECHANISM

(51) International classification

:H01H
33/666

(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

(71)Name of Applicant :

1)CROMPTON GREAVES LIMITED

Address of Applicant :CG HOUSE,DR.ANNIE BESANT
ROAD,WORLI, MUMBAI-400 030, MAHARASHTRA, INDIA.

(72)Name of Inventor :

1)SATHE MAHESH

(57) Abstract :

A fixed contact for isolators and an improved turn-and-twist isolator mechanism, thereby, said contacts comprising: a pair of opposing, spaced apart, co-axially aligned contacts (upper contact and lower contact) having a pre-defined mating surface with helical slope and recessed surface; and second cylinder ensconced co-axially within said first cylinder, said second cylinder being a helically grooved cylinder on its outer surface, which surface is in contact with the inner surface of said first cylinder, wherein said second cylinder is a ball bush cylinder such that there is operative movement of said second cylinder in a co-axial manner with respect to said first cylinder, in that, said ball bush configuration providing a frictionless play to said second cylinder and wherein, the provisioning of said helical grooves imparts rotary movement about bush axis apart from upward-downward movement along bush axis.

No. of Pages : 40 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2853/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR SEPARATING SOLID IMPURITIES FROM SEED COTTON

(51) International classification	:D21H 11/12	(71)Name of Applicant : 1)BAJAJ STEEL INDUSTRIES LTD
(31) Priority Document No	:NA	Address of Applicant :IMAMBADA ROAD,NAGPUR-440
(32) Priority Date	:NA	018 Maharashtra India
(33) Name of priority country	:NA	2)BAJAJ SUNIL HARGOVIND
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BAJAJ SUNIL HARGOVIND
(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 separating solid (stones and the like) impurities from Seed Cotton comprising a trench which is the casing for receiving the seed cotton, a belt for moving the seed cotton inside the trench, a Variable Drive for belt conveyor to give uniform and identical feed of seed cotton, a Stone catching attachment with counter weight for the trash gate, a trash gate for expelling the stones, an inlet gate for entering the seed cotton inside with a shock absorber to adjust the gate and avoid air pressure losses, a distinct air entry behind the trash gate which helps in pulling/drawing of the seed cotton, an outlet at the top connected to the suction fan and the feeding time for feeding seed cotton to the gin feeding systems. The present invention provides in one of the embodiments a Wavy top conveyor belt of about 860 mm which is 3 plied with 3 mm thick rubber layer on top, and 1.5 mm thick bottom having rubber grade of M-24 giving the machine distinct ability to carry the seed cotton uniformly and consistently without any slippages. It also provides a process whereby the seed cotton enters the system through belt conveyors with the speed of about 118 mts./min for continuous and uniform feeding wherein the inlet door of seed cotton stone removing system is mounted with a shock absorber which restricts the entry of excess material by limiting the door opening and also prevents the air pressure loss as the inlet gate retains its initial position as soon the material passes through it. A trash gate is a self balancing component provided with a counter weight having a rough textured belt on the inner side which acts as a resting pad and an air inlet gate is adjusted to regulate the volume of inlet air. In yet one of the embodiments of the present invention the air stream pulls the cotton upward by negative air pressure generated by the suction fan to pick up the cotton and drops down the heavier material thereby purifying the cotton for further processing of cotton devoid of stones and other like solid impurities.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2835/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE AND METHOD FOR REDUCING SURFACE CONDENSATION

(51) International classification	:F25B 39/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BLUE STAR LIMITED
(32) Priority Date	:NA	Address of Applicant :KASTURI BUILDINGS,MOHAN
(33) Name of priority country	:NA	T.ADVANI CHOWK,JAMSHETJI TATA ROAD,MUMBAI-400
(86) International Application No	:NA	020,MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)INDRANEEL SAMANTA
(61) Patent of Addition to Application Number	:NA	2)SUNIL MEDURI
Filing Date	:NA	3)S.M. KULKARNI
(62) Divisional to Application Number	:NA	4)J.M. BHAMBURE
Filing Date	:NA	

(57) Abstract :

The present invention relates to a device and a method for reducing surface condensation over the cold fluid handling units. The device of the present invention comprises a means for increasing atleast minimal surface area of the outer surface of cold fluid handling units required for increasing heat exchange with ambient air so as to raise temperature of the outer surface substantially higher than the dew point temperature so as to reduce the surface condensation. The method of the present invention comprising steps of: increasing atleast minimal surface area of the outer surface of cold fluid handling units required for increasing heat exchange with ambient air for raising surface temperature substantially higher than dew point temperature.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2838/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : BASEL VALIDATION

(51) International classification :G06F17/30
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)TATA CONSULTANCY SERVICES LIMITED
Address of Applicant :Nirmal Building 9th Floor Nariman
Point Mumbai MAHARASHTRA, INDIA.
(72)**Name of Inventor :**
1)RATH Silpa
2)MAHAPATRA Rashmi Ranjan
3)ACHARYA Saswati
4)PASUPATHY Vaithiya S
5)NARAYANASWAMY Kumaresan
6)NOOKALA Suresh

(57) Abstract :

The present subject matter relates to a computer implementable method to test and validate Basel data. The method includes fetching financial data, pertaining to a financial institution, from a data warehouse, calculating at least one of a risk requirement and a market risk based on the fetched financial data, where the risk requirement and the market risk are calculated in conformance to Basel Accords. Furthermore, the method includes comparing at least one of the calculated risk requirement and the market risk with at least one reference value in order to ascertain differences therein.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2839/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DATA VALIDATION

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :Nirmal Building 9th Floor Nariman
(33) Name of priority country	:NA	Point Mumbai MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RATH Silpa
(87) International Publication No	: NA	2)MAHAPATRA Rashmi Ranjan
(61) Patent of Addition to Application Number	:NA	3)ACHARYA Saswati
Filing Date	:NA	4)PASUPATHY Vaithiya S
(62) Divisional to Application Number	:NA	5)NARAYANASWAMY Kumaresan
Filing Date	:NA	6)NOOKALA Suresh

(57) Abstract :

The present subject matter relates to computer implementable method to validate data in a data system. The method includes generating at least one test query based on a testing scenario, compiling the at least one test query to form at least one test case, storing the at least one test case in a data repository for subsequent utilization, selecting one of the stored test cases based on fresh data to be validated, and modifying and executing the selected test case..

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2881/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : USE OF MOLECULAR METHODS FOR RAPID DETECTION OF EXTENSIVELY DRUG RESISTANT TUBERCULOSIS(XDR-TB)

(51) International classification

:C12Q

1/68

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

:N/A

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NATIONAL HEALTH AND EDUCATION SOCIETY

Address of Applicant :P.D. HINDUJA NATIONAL

HOSPITAL AND MEDICAL RESEARCH CENTRE, VEER

SAVARKAR MARG,MAHIM, MUMBAI 400016 Maharashtra

India

(72)Name of Inventor :

1)DR. CAMILLA RODRIGUES

2)MR.VIRAL VADWAI

(57) Abstract :

The present invention relates to a method of DNA amplification by polymerase chain reaction (PCR) comprising the steps of: Extracting DNA from a clinical specimen; Amplifying the extracted DNA from step (a) above, wherein denaturation is carried out at 94°C for 15 mins, followed by 25 cycles at 94°C for 1 min, 68°C for 1 min and 72°C for 1 min, next 30 cycles at 94°C for 1 min, 45°C for 1 min and 72°C for 1 min, and final extension of 10 mins at 72°C wherein oligonucleotide having sequence ID No. 3 and sequence ID No. 4 is capable of acting as a pair of primers for katG gene such that sequence ID No. 3 is capable of acting as a forward primer and oligonucleotide having sequence ID No. 4 is capable of acting as a reverse primer; oligonucleotide having sequence ID No. 5 is capable of acting as an internal wild-type allele-specific primer specific for codon 315 of katG gene for detection of resistance to Isoniazid.

No. of Pages : 31 No. of Claims : 29

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1196/MUM/2010 A

(19) INDIA

(22) Date of filing of Application :12/04/2010

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN IDLE MECHANISM

(51) International classification	:F02D35/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EXCEL CONTROLINKAGE PVT. LTD.
Address of Applicant :W-68 MIDC INDUSTRIAL AREA,
HIGANA ROAD, NAGPUR-440016, Maharashtra India
(72)**Name of Inventor :**
1)ASHOK MRIG
2)PRAFULL GHAGRE
3)ASHISH CHIKALKAR

(57) Abstract :

An idle mechanism for regulating a throttle of an engine having a throttle lever is disclosed. The idle mechanism comprises of housing and an actuating lever that is pivotally mounted on the housing and connected at one end to the throttle such that movement of the actuating lever from a first position to a second position moves the throttle between a low idle mode and a high idle mode. The actuating lever is connected at the other end to the throttle lever. The idle mechanism further comprises of a hydraulic cylinder connected to the actuating lever and is configured to move the actuating lever between the first position and the second position wherein the hydraulic cylinder is pivotally mounted on the housing.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1294/MUM/2010 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : UNIVERSAL MODULAR STORAGE FOR A VEHICLE

(51) International classification	:B60R11/00	(71) Name of Applicant :
(31) Priority Document No	:NA	1)KNAACK LLC
(32) Priority Date	:NA	Address of Applicant :420 EAST TERRA COTTA AVENUE
(33) Name of priority country	:NA	CRYSTAL LAKE IL-60014 Australia
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BLISS RICHARD CHASE
(87) International Publication No	:N/A	2)UTPAT AJAY DHANANJAY
(61) Patent of Addition to Application Number	:NA	3)DAHATONDE HARISCHANDRA
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular storage system for a vehicle is disclosed. The modular storage system includes an adjustable frame having a plurality of first posts, a plurality of second posts, a first beam connecting one of the plurality of first posts to another of the plurality of first posts, and a second beam connecting one of the plurality of second posts to another of the plurality of second posts. The first posts and second posts are each secured to a curved member. The modular storage system is attached to a rail on an interior of a vehicle. Various off-the-shelf storage components can be used with the system.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2825/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :04/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : NOVEL AZETIDININE COMPOUNDS HAVING DOPAMINERGIC ANTAGONIST OR INVERSE AGONIST TYPE BIOLOGICAL ACTIVITY.

(51) International classification	:A61K31/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SHASHIKANT DATTATRAYA METKAR
(32) Priority Date	:NA	Address of Applicant :SARVODAY GARDEN, 5/B-402,
(33) Name of priority country	:NA	PANDURANG WADI, DOMBIVLI (EAST)-421201,
(86) International Application No	:NA	MAHARASHTRA, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)SHASHIKANT DATTATRAYA METKAR
(61) Patent of Addition to Application Number	:NA	2)UDAY VINAYAK DESAI
Filing Date	:NA	3)MANISH SUDESH BHATIA
(62) Divisional to Application Number	:NA	
Filing Date	:NA	
(57) Abstract :		

No. of Pages : 38 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2869/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : WATER HEATER

(51) International classification

:H01C
1002

(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

(71)Name of Applicant :

1)KHEDKAR,MADAM

Address of Applicant :A/P-KUDITRE.TAL-KARVIR. DIST.
KOLHAPUR-416204, Maharashtra India

(72)Name of Inventor :

1)KHEDKAR,MADAM

(57) Abstract :

The described design relates to a simple, economical and efficient water heater. Water heater of the present disclosure can work and provide hot water in both offline and online modes. By definition, in an online mode a fuel or a heating mechanism such as sun or electricity is being used for heating water, and in an offline mode, the fuel and/or the heating mechanism is not being used or is not operational. A water heater comprises of at least one water inlet and a plurality of water outlets, wherein at least one water outlet is present at an upper portion of the water heater and at least one water outlet is present at a lower portion of the water heater, further wherein the water outlet present at the lower portion of the water heater is used during working mode of the water heater when heating mechanism is supplied, and the water outlet present at the upper portion of the water heater is used during non-working mode of the water heater when the heating mechanism is not supplied.

No. of Pages : 17 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2872/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A COMPOUND APLYING TO SKIN AND A METHOD MAKING THE SAME

(51) International classification	:A61K 31/00	(71) Name of Applicant : 1)LIN HSIEN-WEN
(31) Priority Document No	:NA	Address of Applicant :NO.126, WUFENG S.RD., EAST
(32) Priority Date	:NA	DIST., CHIAYI CITY, TAIWAN, REPUBLIC OF CHINA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)LIN HSIEN-WEN
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 compound applying to skin and a method making the same comprises certain proportions for following first components: Dimethicone Crosspolymer, Dimethicone/Vinyl Dimethicone Crosspolymer, Cyclotetrasiloxane, Dimethicone, Cetyl PEG/PPG-15/15 Butyl Ether Dimethicone, Squalane, and Titanium Dioxide. Second components, third components, and fourth components with specific proportions as claimed are timely added in the first components . Sequentially mixing, heating, and dissolving the afore components would bring about the compound that keeps skin from sun exposure and provides functions of moisturizing, anti-wrinkle, spots clearing, blushers, anti-acnes, and whitening.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2882/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HIGH BARRIER THERMOFORMING FILM EMBOSSED WITH EMBEDDED IMAGES

(51) International classification	:B29C 47/70	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ACG PHARMAPACK PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant :DALAMAL HOUSE, 10th FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT,MUMBAI 400 021,MAHARASHTRA
(86) International Application No	:NA	STATE, INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)DR. KULKARNI, SANJEEV DATTARAY
(61) Patent of Addition to Application Number	:NA	2)MR KULKARNI, SHARAD SHRIKANT
Filing Date	:NA	3)MR JADHAV, NIKHIL HIRAMAN
(62) Divisional to Application Number	:NA	4)MR.SINGH, KARAN JASJIT
Filing Date	:NA	

(57) Abstract :

The present invention discloses a thermo-formable film which has embossed images embedded using direct embossing technology by which embossing is embedded directly onto a substrate of the film. The present invention provides a cost-efficient and anticounterfeit film with an adequately high barrier to moisture, vapours and gases, for use in food and pharmaceutical industry. The base layer of the film is typically made of PVC of grade suitable for given applications. The base layer is coated with a moisture and vapor barrier (MVB) layer or an enhanced moisture and vapour barrier (EMVB) layer which is provided in various forms such as PVdC or enhanced barrier PVdC. Further, a lamination is typically provided in the form of metallised polypropylene (PP) which has embedded embossed images. The lamination may be provided using dry or wet lamination process. Lacquer may be added in the case of dry lamination provided, and which may contain colour pigment.

No. of Pages : 67 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2883/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SYSTEM AND METHOD FOR SECURE AUTHENTICATION OF A USER.

(51) International classification	:G05B 19/00	(71)Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED Address of Applicant :NIRMAL BUILDING,9th FLOOR, NARIMAN POINT, MUMBAI 400021, MAHARASHTRA, INDIA.
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)LOBO, SYLVAN
(33) Name of priority country	:NA	2)CHITTUR,RAVICHANDRA KARTHIK
(86) International Application No	:NA	3)GORE, KUSHAL
Filing Date	:NA	4)WARUDKAR, DIPTEE
(87) International Publication No	:N/A	5)IYER,VINAYAK
(61) Patent of Addition to Application Number	:NA	6)GOKARN,PRABHATH
Filing Date	:NA	7)NIGAM, APURV
(62) Divisional to Application Number	:NA	8)KABRA PRIYANKA
Filing Date	:NA	9)DOKE PANKAJ
		10)KIMBAHUNE SANJAY
		11)SUNKA, PRAVEEN

(57) Abstract :

The present invention relates to a system and method for authentication of a visually challenged person. Further, the invention provides the method for authenticating a visually challenged person in a single action or a double action using a single input means. The invention allows the user for selecting the password and for authentication process by just pressing the single key without actually providing the password in its actual form. Thus, for the visually challenged person, the present invention provides a mechanism for the user to be authenticated in a secured and an easy way.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2884/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :12/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A METHOD AND SYSTEM FOR CONSOLIDATING A PLURALITY OF HETEROGENEOUS STORAGE SYSTEM IN A DATA CENTER.

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	9/54	1)TATA CONSULTANCY SERVICES LIMITED
(32) Priority Date	:NA	Address of Applicant :NIRMAL BUILDING, 9th FLOOR,
(33) Name of priority country	:NA	NARIMAN POINT,MUMBAI 400021, MAHARASHTRA,
(86) International Application No	:NA	INDIA.
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:N/A	1)MISRA, PRATEEP
(61) Patent of Addition to Application Number	:NA	2)NASKAR, SOUMITRA
Filing Date	:NA	3)GHOSH, SUMANTA
(62) Divisional to Application Number	:NA	4)CHAKRABORTY,ANKUR
Filing Date	:NA	5)ROY, NILANJAN

(57) Abstract :

A system and method for consolidating a plurality of heterogeneous storage systems in a data center comprising collecting data from a plurality of heterogeneous storage devices (101) using data collection tools (102), using Data Preparation Tool (103) for extracting and translating the collected data, populating a Data Model stored in source storage configuration unit (104) suitable for analysis, analyzing and classifying the collected data by an analysis unit (105) based upon a plurality of attributes, comprising of a Consolidation Advisor that uses the analyzed data and candidate Target System Configurations , Preferences & Constraints (106) for generating optimum number, specification & configuration of the Consolidate Target State (109) infrastructure and mappings of logical units from as-is data center storage infrastructure to the target state, and iteratively validating the same in a Validation task (108) till the final desired consolidation and objectives are met.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3223/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :14/11/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HIGH-STRENGTH STEEL SHEET HAVING EXCELLENT BAKE HARDENABILITY AND FORMABILITY AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C21D 8/02	(71)Name of Applicant :
(31) Priority Document No	:2011-216932	1)JFE STEEL CORPORATION
(32) Priority Date	:30/09/2011	Address of Applicant :2-3 Uchisaiwai-cho 2-chome Chiyoda-ku Tokyo 100-0011 Japan.
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)KIZU Taro
Filing Date	:NA	2)FUNAKAWA Yoshimasa
(87) International Publication 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 is provided a high-strength steel sheet having excellent bake hardenability and formability and satisfying $TS \geq 340$ MPa, $BH \geq 30$ MPa, uniform elongation $\geq 18\%$ and YP-El after acceleration aging $\leq 1.0\%$. The steel has a chemical composition comprising C: 0.0010-0.0040 mass%, Si: not more than 0.05 mass%, Mn: 0.1-1.0 mass%, P: not more than 0.10 mass%, S: not more than 0.03 mass%, Al: 0.01-0.10 mass%, N: not more than 0.0050 mass%, Ti: 0.005-0.050 mass% and the remainder being Fe and inevitable impurities, provided that relations of $(Ti - 3.4 \times N - 1.5 \times S)/C \leq 6.0$ and $Mn/C \geq 100$ are satisfied, wherein the chemical symbols in the above equations represent contents of the corresponding elements in steel (mass%), respectively.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2858/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : ROTARY SHAKER

(51) International classification

:B01F
1100

(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

(71)Name of Applicant :

1)MADHAV SHIVRAM SAPAR

Address of Applicant :PLOT NO.74-84/19, RAM
TEKDI,INDUSTRIAL ESTATE,HADAPSAR,PUNE-13,
Maharashtra India

(72)Name of Inventor :

1)MADHAV SHIVRAM SAPAR

2)DIGAMBAR SHIVRAM SAPAR

(57) Abstract :

The present invention relates to a rotary shaker for shaking beakers, flasks and the like in a laboratory. The improvement of the rotary shaker comprising, a plurality of solid blocks (16), a first counter weight (25), a plurality of bearings (18) and a plurality of cups (17), The plurality of solid blocks (16) is disposed below a lower support (11) and in a main cabinet (2) for supporting each of crank shafts (9) at the corners. The first counter weight (25) is secured to the crank shaft (8) and a second counter weight (14) is secured to a pulley secured (6) to drive the crank shaft (8) by the electric motor (5). The pluralities of bearings (18) are secured over the crank shafts (9 & 8) and to the first counter weight (25) thereover, wherein the bearings (18) absorbs vertical and horizontal load. The plurality of cups (17) configured for lubricating the bearings (18) thereof.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2861/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : BIOGAS PLANT

(51) International classification	:C12M 1/107	(71) Name of Applicant : 1)THERMAX LIMITED Address of Applicant :THERMAX HOUSE 4,MUMBAI- PUNE ROAD,SHIVAJINAGAR,PUNE-411 003, 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)VENKATRAMAN KALYANRAMAN
(87) International Publication No	:N/A	2)BORNARE JANARDHAN, BHIKAJI
(61) Patent of Addition to Application Number	:NA	3)ADHYAPAK UPENDRA,SHANKAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a biogas plant comprising a first digestion chamber (112) and a second digestion chamber (120) for biologically degrading an organic waste (106), by thermophilic reactions, to produce high quality biogas (136). A high-yield methanogenic bacterial culture is periodically fed in the second digestion chamber (120) via a reservoir (138) to maintain a proportion of the archaeobacteria of the Methanococcus group in the organic waste during the anaerobic digestion. The present invention provides an enhanced efficiency and steady biogas production at a substantially low production cost.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2862/MUM/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A PROCESS FOR SYNTHESIS OF ETHYLENE POLYMERS

(51) International classification	:C07D 333/00	(71)Name of Applicant : 1)RELIANCE INDUSTRIES LTD.
(31) Priority Document No	:NA	Address of Applicant :3RD FLOOR,MAKER CHAMBER -
(32) Priority Date	:NA	IV,222,NARIMAN POINT,MUMBAI 400 021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SARMA KRISHNA RENGANATH
(87) International Publication No	:N/A	2)MATHUR AJIT BEHRI
(61) Patent of Addition to Application Number	:NA	3)JASRA RAKSHVIR
Filing Date	:NA	4)SHASHIKANT
(62) Divisional to Application Number	:NA	5)SUDHAKAR PADMANABHAN
Filing Date	:NA	6)PATEL VIRALKUMAR

(57) Abstract :

The present invention relates to a non-cryogenic process for the large scale synthesis of disentangled ultra high molecular weight polyethylene (DUHMWPE) polymers. The process comprises of the following steps: a. mixing FI catalyst of formula I Formula I with a hydrocarbon solvent containing poly-methyl aluminoxane (P-MAO) co-catalyst in a vessel under stirring before polymerization or directly in the polymerization vessel at a temperature ranging between 25 C and 29 C under a dry Nitrogen atmosphere; and lower concentration of co-catalyst resulting in the associated benefits as described earlier in the claims and descriptions. b. pressurizing ethylene in the polymerization vessel and polymerizing ethylene in a solution or a suspension, continuously or batch wise, in one or more stages at a temperature is in the range of 30°C to 50°C.

No. of Pages : 30 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2873/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : COMPOSITION OF NAIL POLISH REMOVER

(51) International classification	:A61k 30/00	(71) Name of Applicant : 1)LIN HSIEN-WEN
(31) Priority Document No	:NA	Address of Applicant :NO.126, WUFENG S.RD., EAST
(32) Priority Date	:NA	DIST., CHIAYI CITY , TAIWAN, REPUBLIC OF CHINA.
(33) Name of priority country	:NA	(72) Name of Inventor :
(86) International Application No	:NA	1)LIN HSIEN-WEN
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 discloses a composition of a nail polish remover to overcome the drawbacks of conventional nail polish removers that contain acetone, have irritating smells, and cause corrosive damages. The composition of the present invention includes gamma-butyrolactone with a weight percentage of 10% to 95%, water with a weight percentage of 2.3899% to 52.9% and an additive with a weight percentage of 2.6101% to 37.1%. The main composition used for removing nail polish is γ -butyrolactone which has no irritating smell and less damage to nails.

No. of Pages : 11 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2878/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :11/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : USE OF LAWSONE COMPLEXES FOR PROMOTING WOUND HEALING AND AS AN ANTIMICROBIAL AGENT

(51) International classification	:A61K 37/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR. MS. CHHAYA H. GADGOLI
(32) Priority Date	:NA	Address of Applicant :9/8 EVEREST SOC., PANDIT DEEN
(33) Name of priority country	:NA	DAYAL ROAD, VISHNUNAGAR, DOMBIVALI (W)421202
(86) International Application No	:NA	Maharashtra India
Filing Date	:NA	2)MR. PRASAD P. BANDEWAR
(87) International Publication No	:N/A	3)MR.SANDEEP O.WAGHULDE
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR. MS. CHHAYA H. GADGOLI
(62) Divisional to Application Number	:NA	2)MR. PRASAD P. BANDEWAR
Filing Date	:NA	3)MR.SANDEEP O.WAGHULDE

(57) Abstract :

The present invention relates to novel uses of Lawsone complexes viz. Zinc-(Lawsone)2Complex, Iodo-Lawsone complex and its compositions. The present invention describes formation of Lawsone complexes viz. Zinc-(Lawsone)2 complex, Iodo-Lawsone complex by reported methods and their novel uses as an accelerating effect on healing of wounds, on growth of granulation tissue and as an antimicrobial agent preventing and/or controlling wound infection which further helps in wound healing. When Lawsone complexes viz. Zinc-(Lawsone)2Complex, Iodo-Lawsone complex as described above are employed against wound, a synergistic effect is obtained, more effective and significant than can be obtained from individual Lawsone. The combinations are applied in admixture with pharmaceutically acceptable non toxic, inert carrier in the form of a lipophil ointment, which contains wool fat, cetostearyl alcohol, hard paraffin, white soft paraffin.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3633/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ANALYTICS FEEDBACK AND ROUTING.

(51) International classification

:G06F
15/16

(31) Priority Document No

:13/250,718

(32) Priority Date

:30/09/2011

(33) Name of priority country

:U.S.A.

(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

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2)KOHLER, JOYLEE

3)STEINER, ROBERT C.

(57) Abstract :

A contact center is described along with various methods and mechanisms for administering the same. The contact center proposed herein provides the ability to, among other things, dynamically and in real-time utilize contact center analytics feedback mechanisms to adjust parameters that are used in making work assignment decisions. The adjusted parameters may correspond to Key Performance Indicators (KPIs) for agents of the contact center rather than skill values for the agents.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2854/MUM/2011 A

(19) INDIA

(22) Date of filing of Application :07/10/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ONE STEP METHOD FOR THE PREPARATION OF WATER / OIL / WATER TYPE MULTIPLE EMULSION.

(51) International classification	:B01J 1300	(71) Name of Applicant : 1)TATA CONSULTANCY SERVICES LIMITED
(31) Priority Document No	:NA	Address of Applicant :NIRMAL BUILDING,9TH
(32) Priority Date	:NA	FLOOR,NARIMAN POINT,MUMBAI 400021,
(33) Name of priority country	:NA	MAHARASHTRA, INDIA.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)PRADHAN, MAMATA
(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 process for preparing a multiple emulsion, particularly a water-in-oil-in-water emulsion in a single step using a single non ionic hydrophilic emulsifier that stabilizes the multiple emulsion for a period of one month. Further, the process uses low levels of a single emulsifier that makes the multiple emulsion find its application in any cosmetic, pharmaceutical and food industry catering to the specificity of the quantity of the emulsifier permissible within a particular industry and also acknowledging the quality of the final product required to be obtained for subsequent application and use thereof

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1021/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS FOR TRANSFERRING OBJECTS

(51) International classification	:B29C43/50
(31) Priority Document No	:MO2009A000188
(32) Priority Date	:23/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/053336
Filing Date	:22/07/2010
(87) International Publication No	:WO 2011/010293
	A8
(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)ALDIGERI, GIANLUCA

(57) Abstract :

An apparatus for transfer ring objects (2), in particular caps (2), from a moulding carousel (3) on which the caps (2) are moulded, to an evacuating device (6), comprises: - a supporting element (11) that is rotatable around a rotation axis (XI) and is suitable for receiving said objects (2) and, - arm means (13) that is rotatable around said rotation axis (XI) and comprising seat means (16) that is suitable for receiving said caps (2); the arm means (13) is movable so as to vary the distance of the arm means (13) from said rotation axis (XI), in particular it is movable radially with respect to the rotation axis (XT) to slide the objects (2) on the supporting element (11).

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1041/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : INFORMATION PROVIDING APPARATUS AND METHOD, TERMINAL APPARTUS AND INFORMATION PROCESSING METHOD, AND PROGRAM

(51) International classification :G06Q30/00
(31) Priority Document No :2009-184416
(32) Priority Date :07/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062562
Filing Date :27/07/2010
(87) International Publication No :WO 2011/016359
A1
(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)YOSHIAKI IWAI
2)SHUNICHI HOMMA
3)AKIRA NAKAMURA

(57) Abstract :

The present invention is associated with an information providing apparatus and method, a terminal apparatus and an information processing method, and a program that are configured to provide users with registered information without locational restrictions. A recognition device 21 recognizes a category from an image of a target object 122-1 obtained by the user in a terminal apparatus 12-1. A server 11 transmits the recognized category to the terminal apparatus 12-1 and receives category fixed phone selected by the user and additional information 123 corresponding thereto. An information DB 22 relates the additional information 123 with a recognition device 21 of fixed phone and register the related additional information 123. Subsequently, the recognition device 21 recognizes a category from an image of a target object 122-2 obtained by the user in the terminal apparatus 12-1. Upon recognizing the category of fixed phone from the image of the target object 122-2, the server 11 obtains the additional information 123 registered in the information DB 22 and transmits the obtained additional information 123 to the terminal apparatus 12-1. The present invention is applicable to information providing systems for example.

No. of Pages : 121 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1047/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : INTERNET RADIO BROADCAST USING CELLULAR

(51) International classification :H04N7/24
(31) Priority Document No :12/535,537
(32) Priority Date :04/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044458
Filing Date :04/08/2010
(87) International Publication No :WO 2011/017460 A1
(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)SCHIFF LEONARD N.
3)AMES WILLIAM G.

(57) Abstract :

Aspects describe utilizing the Internet capability in mobile devices/networks to deliver broadcast multimedia to a device. The broadcast can be video, audio, and so forth. Initially the broadcast multimedia is transmitted at high data rates (and in unicast mode) in order for a buffer associated with mobile device to be built to a very long buffer length. When the long buffer length is reached, the multimedia can be delivered at real-time rates. The multimedia delivered at real times rates can be unicast mode or in multicast mode. If the buffer is depleted, a mobile device that is part of a multicast group can autonomously disassociated from the group until the buffer length is restored.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1048/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : OPTICAL NETWORK TERMINAL MANAGEMENT CONTROL INTERFACE-BASED PASSIVE OPTICAL NETWORK SECURITY ENHANCEMENT

(51) International classification	:H04L9/08
(31) Priority Document No	:61/230,520
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CN2010/075618
Filing Date	:31/07/2010
(87) International Publication No	:WO 2011/012092 A1
(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)FRANK J. EFFENBERGER

(57) Abstract :

A network component comprising at least one processor coupled to a memory and configured to exchange security information using a plurality of attributes in a management entity (ME) in an optical network unit (ONU) via an ONU management control interface (OMCI) channel, wherein the ME supports a plurality of security functions that protect upstream transmissions between the ONU and an optical line terminal (OLT). Also included is an apparatus comprising an ONU configured to couple to an OLT and comprising an OMCI ME, wherein the OMCI ME comprises a plurality of attributes that support a plurality of security features for upstream transmissions between the ONU and the OLT, and wherein the attributes are communicated via an OMCI channel between the ONU and the OLT and provide the security features for the ONU and the OLT.

No. of Pages : 53 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1018/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS FOR TRANSMITTING AND RECEIVING CONTROL INFORMATION AND SYSTEM INFORMATION FOR REPEATERS AND METHOD THEREOF

(51) International classification	:H04J11/00
(31) Priority Document No	:61/228,604
(32) Priority Date	:26/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/004883
Filing Date	:26/07/2010
(87) International Publication No	:WO 2011/013962 A3
(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)PARK, KYU JIN
2)MOON, SUNG HO
3)KWON, YEONG HYEON
4)CHUNG, JAE HOON

(57) Abstract :

The present invention provides an apparatus for transmitting and receiving control information and system information for repeaters and a method thereof. According to the present invention, a base station apparatus is provided for transmitting control information for repeaters, wherein a transmitter transmits, to each repeater, interleaving mode information and information on resource areas in which R-PDCCHs (Relay-Physical Downlink Control Channel) of each repeater are allocated. The information on the resource areas includes the control information for each repeater, and the interleaving mode information is related to the interleaving modes which are applied to the R-PDCCHs that are allocated to each repeater. Furthermore, a processor performs a control operation so that among the R-PDCCHs of each repeater, and R-PDCCH of a first repeater can be allocated with an R-PDCCH of another repeater at a first interleaving mode in a first resource area and an R-PDCCH of a second repeater can be allocated at a second interleaving mode in a second resource area.

No. of Pages : 51 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1043/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ACCESS POINT AND TERMINAL COMMUNICATIONS

(51) International classification :H04W16/26
(31) Priority Document No :61/222,680
(32) Priority Date :02/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2010/000997
Filing Date :02/07/2010
(87) International Publication No :WO 2011/000090 A1
(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)JIANGLEI MA
2)HANG ZHANG
3)WEN TONG
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5)PEIYING ZHU

(57) Abstract :

Aspects of the present invention provide a multi-band hybrid Gigabit wireless communication system which is enabled by a number of different complementary access technologies to realize ubiquitous hyper-connectivity, true broadband, seam less operation and low power compition. The system is capable of serving fixed, nomadic and mobile scenarios. The multi-band wireless system is a low power wireless system which operates m different frequency bands covering the spectrum from radio wave to optical wave by making use of both regulated bandwidths and unregulated bandwidths. Using low power distributed an-- ;tenna and low power indoor and outdoor antennas enables the use of unregulated bandwidths as well as regulated bandwidths as (the low power nature of the signals reduces the possibility of interference with the regulated use of the signals.

No. of Pages : 73 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1049/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS AND APPARATUS FOR BLIND INTERFERENCE REDUCTION TECHNIQUES

(51) International classification :H04B1/707
(31) Priority Document No :61/229,699
(32) Priority Date :29/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043797
Filing Date :29/07/2010
(87) International Publication No :WO 2011/014709 A1
(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)FAN ZHIFEI
2)XU HAO

(57) Abstract :

A method, an apparatus, and a computer program product for wireless communication are provided in which one or more semi-static parameters associated with at least one neighboring eNode B (eNB) and an interfering user equipment (UE) are detected, at an eNB, and a blind interference reduction scheme based on the one or more detected semi-static parameters to reduce a signal from the interfering UE is applied.

No. of Pages : 67 No. of Claims : 72

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1078/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING CONTROL INFORMATION IN WLAN SYSTEM

(51) International classification :H04B7/06
(31) Priority Document No :61/240,658
(32) Priority Date :09/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/006093
Filing Date :08/09/2010
(87) International Publication No :WO 2011/031058 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)KANG, BYEONG WOO
4)SEOK, YONG HO
5)NOH, YU JIN
6)KIM, BONG HOE

(57) Abstract :

There is provided a method of transmitting control information in a Wireless Local Area Network (WLAN) system, comprising transmitting first control information by means of cyclic shift delay diversity beam-forming and transmitting second control information. The first control information comprises information necessary for each of a plurality of target stations of the second control information to receive the second control information. The second control information beamformed and transmitted to the plurality of target stations.

No. of Pages : 71 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1087/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A METHOD FOR DELIVERING DYNAMIC POLICY RULES TO AN END USER, ACCORDING ON HIS/HER ACCOUNT BALANCE AND SERVICE SUBSCRIPTION LEVEL, IN A TELECOMMUNICATION NETWORK

(51) International classification	:H04L12/14
(31) Priority Document No	:09305834.5
(32) Priority Date	:11/09/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054539
Filing Date	:06/04/2010
(87) International Publication No	:WO 2011/029636
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)THOMAS LEVY
3)YIGANG CAI

(57) Abstract :

A method for delivering dynamic policy rules to an end user, according on his/her account balance and service subscription level, in a telecommunication network The method comprises the steps of: - the Policy and Charging Rules Function (PCRF) receiving (Step 1) user's subscription information, in order to determine an initial policy; - the Policy and Charging Enforcement Function (PCEF) applying (Step 2) the initial rules; - the Policy and Charging Enforcement Function (PCEF) triggering (Step 3) the Extended Online Charging System (EOCS) for the user's service/network resource usage; - the Extended Online Charging System (EOCS) rating and charging (step 4) the user, in real time; - the Extended Online Charging System (EOCS) triggering (Step 5) a change of policy in the Policy and Charging Rules Function (PCRF); - the Policy and Charging Rules Function (PCRF) determining (Step 6) new rules for the new policy; - the Policy and Charging Enforcement Function (PCEF) receiving (Step 7) the new rules and applying them.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1019/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : RADIO BASE STATION APPARATUS, MOBILE TERMINAL APPARATUS AND RADIO COMMUNICATION METHOD

(51) International classification	:H04J11/00
(31) Priority Document No	:2009-178512
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062840
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/013770
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KISHIYAMA, YOSHIHISA
3)SAWAHASHI, MAMORU

(57) Abstract :

To enable an uplink control signal subjected to user multiplexing by an orthogonally multiplexing method using the cyclic shift to be user-demultiplexed, and further enable channel estimation accuracy to be improved, a radio communication method of the invention is characterized in that a mobile terminal apparatus provides a plurality of subcarriers with phase rotation amounts set to minimize the number of unit subcarriers for coherent averaging in association with the number of multiplexed users, and transmits an uplink control signal using the plurality of subcarriers provided with the phase rotation amounts, and that a radio base station apparatus receives the uplink control signal, performs coherent averaging on reference signal using the different number of unit subcarriers corresponding to the number of multiplexed users to demultiplex into a reference signal for each of the users, and estimates a channel variation using the demultiplexed reference signal.

No. of Pages : 57 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1051/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :01/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD, APPARATUS, AND SYSTEM FOR VOICE CALL FALLBACK TO CIRCUIT SWITCHED DOMAIN

(51) International classification :H04W36/14
(31) Priority Document No :200910159934.9
(32) Priority Date :23/07/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075270
Filing Date :20/07/2010
(87) International Publication No :WO 2011/009392 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
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2)LIU HAI
3)XIAO WEI

(57) Abstract :

A method for voice call fallback to a circuit switched (CS) domain disclosed in the present invention includes: receiving a Service Request message from a calling user equipment (UE), where the Service Request message includes called number information of a voice call in a CS domain, instructing an evolved NodeB (eNB) to initiate circuit switched fallback (CSFB) handover; receiving a Handover Request message from the eNB, where the Handover Request message includes information required for CS handover, selecting a mobile switching center (MSC) and sending a packet switched (PS) to CS Handover Request message to the MSC, where the PS to CS Handover Request message carries information required for the CS handover and a called number so that the MSC calls a called UE; and receiving a PS to CS Handover Response message returned by the MSC, where the PS to CS Handover Response message includes CS resource information prepared by a target base station subsystem/radio network subsystem (BSS/RNS), and sending a Handover Command message to the calling UE through the eNB, where the Handover Command message includes CS resource information prepared by a target BSS/RNS so that the calling UE can access a 2nd generation/3rd generation (2G/3G) network. The corresponding apparatuses and systems are also disclosed. The technical solution of the present invention can reduce the connection delay.

No. of Pages : 112 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1150/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COUPLING, SYSTEM FOR COUPLING LOUDSPEAKER HOUSINGS, LOUDSPEAKER HOUSING AND METHOD FOR HOISTING LOUDSPEAKER HOUSINGS

(51) International classification :H04R1/02
(31) Priority Document No :NL2003153
(32) Priority Date :08/07/2009
(33) Name of priority country :Netherlands
(86) International Application No :PCT/NL2010/050437
Filing Date :08/07/2010
(87) International Publication No :WO 2011/005093 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)GROEN, BOUDEWIJN

(57) Abstract :

A coupling system (10, 110) comprising coupling means (11, 111) for coupling at least two loudspeaker housings (2, 102) together, designed to couple the loudspeaker housing (2, 102) in such a manner that the loudspeaker housings (2, 102) will extend at a pre determined angle (3, 103) relative to each other in a hoisted position, further comprising setting means (12, 112) for setting said predetermined angle (3, 103), when the loudspeaker housings (2, 112) are in a non-hoisted, stretched position, wherein the coupling system (10, 110) is further designed for coupling the loudspeaker housings (2,102) in such a manner that said loudspeaker housings (2,102), upon being moved from the non-hoisted position to the hoisted position, will move under the influence of gravity from the stretched position to the position in which the loudspeaker housings (2, 102) extend at said predetermined angle (3,103).

No. of Pages : 56 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1073/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : SYNCHRONIZING WIRELESS EARPHONES

(51) International classification :H04R5/033
(31) Priority Document No :61/276,266
(32) Priority Date :10/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/048337
Filing Date :10/09/2010
(87) International Publication No :WO 2011/031910 A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MAZZA, JOSEPH
3)KUJANSKI, ADAM
4)GAZA, BRIAN
5)SAGAN, MICHAEL

(57) Abstract :

Electroacoustical speaker devices that synchronously play audio received from a source. In one embodiment, one speaker acts as the master and the other speaker acts as the slave. The master speaker receives digital audio data from a source and, in addition to playing the digital audio received from the source, the master speaker retransmits the digital audio to the slave speaker. The master speaker additionally sends synchronization data to the slave speaker, such as data that indicates the buffer status or playback position of the master speaker. The slave speaker utilizes the synchronization data from the master speaker to adjust, for example, its buffer status or playback position, so that the two speakers play the audio synchronously (e.g., within thirty milliseconds). In one embodiment, the master speaker uses a connection-oriented protocol, such as TCP/IP, to transmit buffered audio data to the slave speaker and uses a connectionless protocol, such as UDP or ICMP, for the synchronization data. In addition, the speakers may transition roles as master and slave.

No. of Pages : 23 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1193/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING DOWNLINK SIGNAL IN A MIMO WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B7/04
(31) Priority Document No :61/242,286
(32) Priority Date :14/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/005625
Filing Date :24/08/2010
(87) International Publication No :WO 2011/031019 A3
(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)KO, HYUN SOO
2)LEE, MOON II
3)KOO, JA HO
4)CHUNG, JAE HOON
5)IHM, BIN CHUL

(57) Abstract :

A method and apparatus for transmitting a downlink signal in a multiple input multiple output (MEMO) wireless communication system is disclosed. A method for receiving a downlink signal from a base station to a user equipment in a multiple input multiple output (MIMO) system, which supports dual layer transmission based on first and second antenna ports, comprises receiving downlink control information (DCI) through a down link control channel; and receiving downlink data through a downlink data channel, the downlink data including one or more of a first transport block and a second transport block, wherein the downlink control information includes a new data indicator (NDI) for each of the first and second transport blocks, and if the first transport block is disabled and the second transport block is enabled, the new data indicator for the first transport block indicates an antenna port through which the second transport block is received.

No. of Pages : 44 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1194/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MANAGING REGISTER OF UNIQUE IDENTIFIERS

(51) International classification :H04L17/14
(31) Priority Document No :2009903286
(32) Priority Date :14/07/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000896
Filing Date :14/07/2010
(87) International Publication No :WO 2011/006201 A1
(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)LOUGHREY, KEVIN

(57) Abstract :

A method for allocating a first range of identifiers to a customer-system from a register. The method comprising the steps of: receiving a request for identifiers from a new customer-system; identifying a largest range of unallocated identifiers to define an available range within the entire range of identifiers belonging to the register, identifying a midpoint in the largest available range; and allocate the identified midpoint as a start location for the customer-system range. Identifiers can be issued as identifier pairs, one being an encrypted identifier and the other being a corresponding unencrypted identifier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1303/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COMMUNICATIONS IN OFDMA-BASED WIRELESS RADIO NETWORKS

(51) International classification	:H04B1/69
(31) Priority Document No	:09290624.7
(32) Priority Date	:12/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061501
Filing Date	:06/08/2010
(87) International Publication No	:WO 2011/018419
	A1
(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)SCHMIDT, MICHAEL

(57) Abstract :

The invention relates to a method for transporting a machine-to-machine, M2M, signal (7) over a wireless radio network (1) using an Orthogonal Frequency Division Multiple Access, OFDMA, signal (5), the method comprising: embedding the M2M signal (7) as a spread-spectrum waveform into the bandwidth range of the OFDMA signal (5), and transporting the OFDMA signal (5) containing the M2M signal (7) over the wireless radio access network (1). The invention also relates to a transmission device (2), to a receiving device (2), and to a wireless communication network (1) adapted for implementing the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1133/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :03/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : CORDLESS TELEPHONE SET

(51) International classification	:H04M1/73
(31) Priority Document No	:2009-183009
(32) Priority Date	:06/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004947
Filing Date	:05/08/2010
(87) International Publication No	:WO 2011/016245
	A1
(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)KANAI, HIROFUMI
2)KAWAMURA, MITSURU
3)KUROSU, KENJI

(57) Abstract :

Disclosed is a cordless telephone set capable of suppressing power consumption during power failures to lengthen the time for a call. A cordless telephone (1) receives power supply from a handset (3) placed on a charging section (26) of a base unit (2), during power failures. In order to suppress current consumption of a secondary battery (BT) of the handset (3), the base unit (2) instructs a base unit radio section (21) to be switched to a transmission power-saving mode in which transmission power of the base unit radio section (21) is reduced down to a level at which no communication error occurs, according to radio wave information transmitted from the handset (3) and indicates the received signal strength of a radio signal from the base unit radio section (21) of the base unit (2), received by a handset radio section (39) of the handset (3).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1191/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :07/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING ACKNOWLEDGEMENT IN WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04L1/18
(31) Priority Document No :61/253,486
(32) Priority Date :20/10/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/007197
Filing Date :20/10/2010
(87) International Publication No :WO2011/049368 A3
(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)MOON, SUNG HO
2)KIM, SO YEON
3)CHO, HAN GYU
4)HAN, SEUNG HEE
5)CHUNG, JAE HOON

(57) Abstract :

Provided is a method for transmitting an acknowledgement through a base station in a multi-carrier system. The method for transmitting the acknowledge mint through the base station in the multi-carrier system of the present invention comprises the steps of: receiving a plurality of uplink transmission blocks through at least one uplink carrier, determining a downlink channel for transmitting a plurality of ACK/NACK signals corresponding to the transmission blocks on the basis of at least one uplink carrier, and transmitting the ACK/NACK signals on the determined downlink channel.

No. of Pages : 51 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1311/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :10/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS OF PAGING AN IDLE MODE STATION IN MULTI HOP RELAY COMMUNICATION SYSTEM

(51) International classification :H04W68/02
(31) Priority Document No :61/236,157
(32) Priority Date :24/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2010/005654
Filing Date :24/08/2010
(87) International Publication No :WO 2011/025231 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HAHN, GENEBECK
4)CHO, HEEJEONG
5)KIM, YONGHO
6)YUK, YOUNGSOO

(57) Abstract :

Disclosed is a method of paging an idle-mode terminal in a multi-hop relay communication system, the method including receiving an idle mode request message from the terminal sending an idle mode response message to the terminal, the idle mode response message including paging information, receiving a superframe from a base station, the superframe including a paging message of the terminal, and staggering the superframe number by a multi-hop count apart from the base station so as to send to the terminal.

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1401/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE AND METHOD FOR PROCESSING DATA FROM USER MESSAGES TO COMMUNICATE RAPIDLY WITH CONTACTS

(51) International classification :H04M3/493

(31) Priority Document No :09305682.8

(32) Priority Date :17/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/059186

Filing Date :29/06/2010

(87) International Publication No :WO 2011/006752

A1

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number :NA

Filing Date

:NA

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2)MICHEL SOUBEN

3)PIERRE CHAPTAL

(57) Abstract :

A device (D) is designed to process communication data from at least one user. This device (D) consists of i) the means of analysis (MA) tasked with analysing incoming and/or outgoing communications data from at least one user communication terminal (T) in order to determine selected information about said communications and the other users, called contacts, involved in at least one of these communications, and ii) the processing means (MT) tasked with assigning a weight to each communication involving the user according to the information determined for said communication and at least one selected rule, and then creating a contact data file in which each contact is assigned an overall weight equal to the sum of the weights assigned to each communication involving him or her and the user.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1605/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : COMPOSITIONS AND METHODS OF USE FOR POST-RADIATION PROTECTION

(51) International classification :A61K38/00

(31) Priority Document No :61/271,715

(32) Priority Date :24/07/2009

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

(86) International Application No :PCT/US2010/043098

Filing Date :23/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)CUNNINGHAM C. Casey

(57) Abstract :

The present disclosure is directed to methods of administering RLIP76 or an active fragment thereof more than 24 hours after radiation exposure wherein administration is effective for the protection and treatment of mammals exposed to radiation. In addition compositions are disclosed including RLIP76 and other radioprotective agents for example antioxidants.

No. of Pages : 51 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1156/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :06/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR TRANSMITTING A MAC PDU BASED ON MAC HEADER TYPE INFORMATION

(51) International classification	:H04L12/56
(31) Priority Document No	:61/239,077
(32) Priority Date	:02/09/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/005961
Filing Date	:02/09/2010
(87) International Publication No	:WO 2011/028038 A3
(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)YUK, YOUNG SOO
2)RYU, KI SEON
3)KIM, JEONG KI
4)KIM, YONG HO

(57) Abstract :

An Apparatus and methods for communicating in a wireless access system using a medium access control protocol data unit (MAC PDU) is disclosed. The method comprises steps of receiving, by a mobile station (MS) from a base station (BS), a dynamic service addition request (AAI_DSA-REQ) message requesting to create a service flow, wherein the AAI_DSA-REQ message comprises a first MAC header type parameter indicating a type of a MAC header included in the MAC PDU of the service flow and a flow identifier (FID) identifying a connection associated with the service flow, transmitting, by the MS to the BS, a dynamic sendee addition response (AAI_DSA-RSP) message in response to the AAI_DSA-REQ message, wherein the AAI_DSA-RSP message comprises a second MAC header Type parameter indicating the type of a MAC header included in the MAC PDU of the service flow; and communicating with the BS using the MAC PDU comprising the MAC header indicated by the second MAC header type parameter, wherein the MAC header type parameter indicates one of a generic MAC header (GMH) for general data packet transmission and a short-packet MAC header (SPMH) for small data packet transmission and a non-ARQ connection.

No. of Pages : 44 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1390/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : GRADATION ADJUSTMENT DEVICE, IMAGE DISPLAYING DEVICE, TELEVISION RECEIVER, PROGRAM, AND COMPUTER-READABLE STORAGE MEDIUM HAVING PROGRAM RECORDED THEREIN

(51) International classification	:H04N5/20
(31) Priority Document No	:2009-180079
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062783
Filing Date	:29/07/2010
(87) International Publication No	:WO 2011/013745
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KOIKE, AKIRA

3)TAKIGUCHI, MASAHIKO

(57) Abstract :

A video processing section (19) of the present invention is a gradation adjustment device for correcting a gradation of an image to be displayed on a television receiver (10). The video processing section (19) includes, a gradation correcting section (2), an intermediate brightness region determining section (3), a brightness difference determining section (4a), a brightness difference threshold determining section (4b), and a gradation adjusting section (5). The video processing section (19) corrects bright nesses of adjacent pixels, which bright nesses are included in an intermediate brightness region of brightness distribution, so as to reduce a first brightness difference between the adjacent pixels, which first brightness difference is obtained in a case where gain is applied to input image data, [1] the first brightness difference being greater than a second brightness difference between the adjacent pixels, which second brightness difference is obtained in a case where gain is not applied to the input image data, and [2] the first brightness difference being not more than a predetermined threshold. This makes it possible to provide a gradation adjustment device for realizing an image displaying device that keeps an excellent quality of an original image.

No. of Pages : 59 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1669/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ASSEMBLY MADE OF A COMPENSATING TANK AND A MASTER CYLINDER FOR A HYDRAULIC MOTOR VEHICLE BRAKE SYSTEM

(51) International classification	:B60T17/06
(31) Priority Document No	:10 2009 034 626.0
(32) Priority Date	:27/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/059349
Filing Date	:01/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TANDLER Peter
3)NEUMANN Hans-Jürgen

(57) Abstract :

The invention relates to an assembly comprising a compensating reservoir 1 and a master cylinder 2 for a hydraulic motor vehicle brake system wherein the compensating reservoir 1 has two fastening lugs 3 4 each with an opening 5 6 wherein the openings 5 6 are in alignment with an opening 7 in the master cylinder 2 and the compensating reservoir 1 is fastened by way of a releasable connection by means of a fastening pin 9; 10; 11; 12; 13; 14; 15; 16 which extends through the aligned openings 5 6 7.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1670/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : NEW COMPOSITIONS OF 1-[2-(2-DIMETHYL-PHENYLSULFANYL)-PHENYL]PIPERAZINE

(51) International classification	:A61K9/16
(31) Priority Document No	:PA 2009 00950
(32) Priority Date	:24/08/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050216
Filing Date	:23/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)KATEB Jens

(57) Abstract :

Pharmaceutical compositions of 1-[2-(2 4-dimethyl-phenylsulfanyl)-phenyl]piperazine and pharmaceutically acceptable acid addition salts thereof adapted so that release does not take place in the stomach is provided.

No. of Pages : 31 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1225/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS IN CONNECTION WITH A REFUSE CHUTE

(51) International classification	:B65F1/00
(31) Priority Document No	:20095897
(32) Priority Date	:01/09/2009
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2010/050645
Filing Date	:17/08/2010
(87) International Publication No	:WO 2011/027026
	A1
(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)SUNDHOLM, GORAN

(57) Abstract :

Method in connection with a refuse chute (1), which refuse chute comprises at least one input aperture (4) of the waste material, in which method the waste material (5) input into the refuse chute from an input aperture (4) is moved in the refuse chute under the effect of gravity to the bottom part of the refuse chute. An opposing air flow with respect to the direction of travel of the waste material (5) is brought about in the refuse chute (1), with which air flow the speed of movement of the waste material is influenced. The invention also relates to an apparatus.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1227/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :08/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : AUTO SUBSTANTIATION FOR HEALTHCARE UPON SPONSOR ACCOUNT THROUGH PAYMENT PROCESSING SYSTEM

(51) International classification	:G06Q50/00
(31) Priority Document No	:61/234,262
(32) Priority Date	:14/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045500
Filing Date	:13/08/2010
(87) International Publication No	:WO 2011/020039 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)TAYLOR, MARY, THERESA

(57) Abstract :

An issuer receives an authorization request from healthcare provider that includes an account, an identifier for a healthcare service and its cost to a patient, and an identifier for a single purpose card for the redemption of the cost of the health care service. The issuer validates use of the account to pay the cost, sends an authorization approval to the healthcare provider, and deactivates the identifier for the single purpose card for future use. A request for insufficient funds, when the account is determined to be deficient, is sent to a sponsor to whom the issuer issued account. The cost in the authorization request can include a total purchase amount and a qualified amount of the total purchase amount, and the issuer can validate that the account can be used for payment of the qualified amount of the total purchase amount for the healthcare service.

No. of Pages : 65 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1373/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR DETECTING A DOWNLINK CONTROL STRUCTURE FOR CARRIER AGGREGATION

(51) International classification	:H04E72/04
(31) Priority Document No	:2009903831
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Australia
(86) International Application No	:PCT/JP2010/063444
Filing Date	:02/08/2010
(87) International Publication No	:WO 2011/019009
	A1
(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)NG, BOON LOONG

(57) Abstract :

This invention relates with a method for detecting a downlink control structure for carrier aggregation in communication network in which data transmission is scheduled by a physical downlink control channel (PDCCH). An UE receives higher layer signaling enabling carrier aggregation for the UE. The UE reads the PDCCHs of component carriers (CCs), wherein the downlink control information (DCI) in the PDCCHs of each CC is read according to one of a plurality of predefined formats derived from the higher layer signaling.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1374/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHOD OF SEARCHING MULTI-CARRIER ACTIVE SET PILOTS

(51) International classification	:H04B1/707
(31) Priority Document No	:12/544,334
(32) Priority Date	:20/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046227
Filing Date	:20/08/2010
(87) International Publication No	:WO 2011/022695 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)LIJUN LIN
3)ROBERT K. CHAN
4)MANASI D. GANDHI

(57) Abstract :

Apparatus and methods are described herein for detecting pilot signals. An access terminal determines whether each pilot signal in its active set can be tracked. If not, the access terminal adjusts the search window center associated with any untracked pilot to a position that allows tracking. In some aspects, a known search window center of a tracked member of a same pilot group may be used.

No. of Pages : 32 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1672/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : SILICEOUS-BASED POLYUREA COMPOSITIONS

(51) International classification :C04B28/24
(31) Priority Document No :09166854.1
(32) Priority Date :30/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/059733
Filing Date :07/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TRIEFLINGER Christian
3)TEMME Werner
4)GOMULKA Grzegorz
5)MELCHART Michael
6)WALTHER Burkhard

(57) Abstract :

The present invention provides siliceous-based polyurea compositions obtainable by reacting isocyanates alkali silicates and hydratable aluminosilicates. Moreover the present invention provides a process for the manufacture of these compositions comprising the steps of mixing a hydratable aluminosilicate with an aqueous silicate and reacting this mixture with a poly-isocyanate and/or a polyisocyanate prepolymer optionally in the presence of a polyol and/or with the inclusion of an inert filler. Finally the present invention provides the use of these compositions in the fields of aviation automotive assemblies construction consumer products fire protection furniture components insulation shipbuilding and/or windmill construction. The compositions obtainable according to the present invention are lightweight high load bearing flame retarding materials.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1397/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :14/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR TRANSMITTING FRAME IN WIRELESS COMMUNICATION SYSTEM INCLUDING RELAY STATION

(51) International classification	:H04B7/14
(31) Priority Document No	:61/237,693
(32) Priority Date	:28/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2010/005579
Filing Date	:23/08/2010
(87) International Publication No	:WO 2011/025194 A3
(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)CHUN, JIN YOUNG
2)CHO, HAN GYU
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4)LIM, DONG GUK
5)IHM, BIN CHUL
6)YUK, YOUNG SOO

(57) Abstract :

A method of transmitting a frame of a relay station (RS) in a wireless communication system employing the RS is provided. The method includes: receiving frame configuration information on an RS frame from a base station (BS); configuring a frame including a downlink (DL) access zone for transmitting a signal to a relay user equipment (UE), a DL receive zone for receiving a signal from the BS, an uplink (UL) access zone for receiving a signal from the relay UE connected to the RS, a UL transmit zone for transmitting a signal to the BS, and a transition gap; and transmitting a signal in at least one of the UL access zone and the UL transmit zone, wherein the transition gap is a switching time between a transmission operation and a reception operation of the RS and is included in at least one of the DL access zone and the UL transmit zone.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1663/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : TRANSFER FOIL COMPRISING OPTICALLY VARIABLE MAGNETIC PIGMENT METHOD OF MAKING USE OF TRANSFER FOIL AND ARTICLE OR DOCUMENT COMPRISING SUCH

(51) International classification	:B42D15/10
(31) Priority Document No	:PCT/IB2009/006378
(32) Priority Date	:28/07/2009
(33) Name of priority country	:PCT
(86) International Application No	:PCT/EP2010/060577
Filing Date	:21/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)BLEIKOLM Anton
2)DEGOTT Pierre
3)MLLER Edgar

(57) Abstract :

The present invention concerns a transfer foil comprising a release-coated carrier (1) and on said carrier a transfer coating layer (3) having the form of a design comprising oriented optically variable magnetic pigment (OVMP) the pigment orientation representing an image indicia or a pattern. Processes of making and using the foil as well as documents carrying the foil are also disclosed.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1664/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :23/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : BINARY REFRIGERATING FLUID□

(51) International classification	:C09K5/04
(31) Priority Document No	:09.56240
(32) Priority Date	:11/09/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/051724
Filing Date	□:17/08/20□0
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)RACHED Wissam

(57) Abstract :

The invention relates to binary compositions of 2 3 3 3-tetrafluoropropene and difluoromethane and especially to the uses thereof as a heat transfer fluid in compression systems with exchangers operating in counterflow mode or in split flow mode with counterflow tendency. The invention also relates to a heat transfer method.

No. of Pages : 15 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1676/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : A METHOD OF GENE INTRODUCTION INTO TRITICUM PLANT USING AGROBACTERIUM AND A METHOD OF PRODUCING TRANSFORMED TRITICUM PLANT

(51) International classification	:A01H1/00
(31) Priority Document No	:2009-176242
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062831
Filing Date	:29/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)ISHIDA Yuji
2)HIEI Yukoh

(57) Abstract :

The method of the present invention includes the step of excising one or more portions selected from a radicle a germ and an embryonic axis of a plant tissue inoculated with Agrobacterium after cultivation in a coculture medium. The present invention provides a method of gene introduction that can transform a Triticum plant at high efficiency compared to conventionally known Agrobacterium methods and provides a method of producing a transformed plant.

No. of Pages : 65 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1677/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : INTERMEDIATE FILM FOR LAMINATED GLASS AND LAMINATED GLASS

(51) International classification :C03C27/12
(31) Priority Document No :2009-193720
(32) Priority Date :24/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/064246
Filing Date :24/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)TSUNODA Ryuta

(57) Abstract :

Disclosed is an intermediate film for laminated glass which is capable of providing laminated glass that has high heat shielding properties and high visible light transmittance. Specifically disclosed is an intermediate film (2) for laminated glass which contains a thermoplastic resin a plasticizer heat shielding particles and at least one kind of component selected from among phthalocyanine compounds a naphthalocyanine compounds and anthracyanine compounds. When the content of heat shielding particles per 100 parts by weight of the thermoplastic resin is represented by content A and the content of the at least one kind of component per 100 parts by weight of the thermoplastic resin is represented by content B the content A in the intermediate film (2) for laminated glass is within the range of 0.1-3 parts by weight and the ratio of the content A to the content B (content A/content B) is within the range of 3-2000

No. of Pages : 42 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1665/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : DIGITAL SIGNAGE SYSTEM

(51) International classification	:G06Q50/00
(31) Priority Document No	:2010-034278
(32) Priority Date	:19/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004835
Filing Date	:30/07/2010
(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 :

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1)INOKO Toshiyuki

(57) Abstract :

The present invention is intended to provide a digital signage system which can measure depth of interest of customers and can perform sales promotion to the customers. The digital signage system of the present invention can measure depth of interest of customers by which a database 22 memorizes an amount of time during which the customers have taken out a clothes hanger from a hanger tack and a time update section 24 updates this and accumulates them. Willingness of the customers to buy can be increased by analyzing clothing information which the customers have picked up and by displaying an image with respect to the clothing article on a monitor in the vicinity of the customers.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1666/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : CAP FOR A MALE LUER CONNECTOR AND HAVING DISINFECTING MEANS FOR FEMALE LUER CONNECTOR

(51) International classification :A61M39/16

(31) Priority Document No :61/239,385

(32) Priority Date :02/09/2009

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

(86) International Application No :PCT/US2010/047359

Filing Date :31/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)LEWIS Stephen

(57) Abstract :

A system and method for disinfecting an exposed portion of a female luer connector is disclosed. A male luer connector (140) coupled to a male luer connector cap (200) is provided where the male luer connector cap has a chamber (222) containing a disinfectant and a sealing member for sealing the disinfectant in the chamber. The chamber is at least partly opened and the disinfectant exposed by movement of the sealing member. An exposed surface of a female luer connector (120) is caused to come in contact with the disinfecting fluid in the chamber prior to the female luer connector mating with the male luer connector.

No. of Pages : 26 No. of Claims : 34

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1667/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : GUIDE RAIL HAVING A QUICK FASTENING DEVICE

(51) International classification :F24C15/16
(31) Priority Document No :20 2009 005 177.3
(32) Priority Date :25/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/061757
Filing Date :12/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BUDDE Sven

3)REDEKER Holger

4)KAPS Timo

(57) Abstract :

The invention relates to a guide rail (1) that can be mounted on bars (3) of a grid-like side part (2) of a baking oven a dishwasher or similar items of furniture said bars running horizontally and bent at an angle in the end region (3a 3b) said rail having a quick fastening device made of two mounting elements (4 4 5) attached in the end regions of the guide rail (1) and that can be fixed on a bar (3) of a grid-like side part (2) and comprising a first and second mounting segment (4a 4b 5a 52 53) partially enclosing a bar (3) in the longitudinally extending region thereof and at the bent end regions (3a 3b) .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1668/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR PRODUCING PYRAZOLE GLYCOSIDE DERIVATIVES

(51) International classification :C07H1/00
(31) Priority Document No :09290651.0
(32) Priority Date :26/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/062462
Filing Date :26/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)OTTO Bernhard

5)WEHLAN Hermut

6)WOLLMANN Theodor Andreas

7)BECKER Bernd

8)KULITZSCHER Berndt

9)SCHAEFER Alexander

(57) Abstract :

Method for producing pyrazole glycoside derivatives A process for preparing pyrazole-glycoside derivatives of the general formula (I) I in which the meanings are R1 H and R2 F; or R1 F and R2 H; or R1 F and R2 F; R3 (C1-C8)-alkyl where one more than one or all hydrogen(s) may be replaced by fluorine; X (C1-C3)-alkylene (C2-C3)-alkenylene.

No. of Pages : 65 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1680/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : BEARING MECHANISM FOR A TRANSVERSE LEAF SPRING

(51) International classification	:B60G11/08
(31) Priority Document No	:10 2009 028 900.3
(32) Priority Date	:26/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061673
Filing Date	:11/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)WERRIES Hartmut

3)HOFMANN Peter

4)ELBERS Christoph

(57) Abstract :

The invention relates to a bearing mechanism (4) for a transverse leaf spring (1) that can be mounted in the region of a vehicle axle of a vehicle having an outer bearing shell device (30) and insertion devices (9 10) at least some regions of which are encompassed by the outer bearing shell device (30) and which each comprise layer elements (9A 9C and 10A 10C) having different stiffness. In the assembled state the insertion devices (9 10) are each disposed between the outer bearing shell device (30) and the transverse leaf spring (1). Layer elements (9B 9C and 10B 10C) formed with greater stiffness are positioned between the transverse leaf spring (1) and layer elements (9A and 10A) having lower stiffness.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1673/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR DEBLOCKING FILTERING IMAGE DATA AND VIDEO DECODING APPARATUS AND METHOD THEREOF

(51) International classification :H04N5/21
(31) Priority Document No :10-2009-0071730
(32) Priority Date :04/08/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/005123
Filing Date :04/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)Jung-Hak NAM
4)Dong-Gyu SIM
5)Hyun-Ho JO

(57) Abstract :

A deblocking filtering apparatus and method for removing block distortion of a decoded image and a video decoding apparatus and method using the same. The deblocking filtering method includes extracting parameter information for a plurality of unit blocks in a macro block from a header of an input current frame determining whether to perform deblocking filtering based on the extracted parameter information and performing deblocking filtering on the macro block according to the determination result.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1674/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PHYSICAL AND VIRTUAL IDENTIFICATION IN A WIRELESS POWER NETWORK

(51) International classification :G06F1/26
(31) Priority Document No :61/236,388
(32) Priority Date :24/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045727
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A wireless charging system is disclosed. The wireless charging system includes a detector configured to identify device information related to a device to be powered at a location a location processor coupled with the detector and configured to deliver location-specific information related to the location to the device to be powered based on the detected device information a power supply in communication with the location processor configured to wirelessly provide power to the device based on the detected device information such that the location processor is configured to deliver the location specific information to the device via a first channel and wherein the power supply is configured to wirelessly provide power to the device via a second channel.

No. of Pages : 53 No. of Claims : 24

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1675/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : BROAD SPECTRUM ERBB LIGAND BINDING MOLECULES AND METHODS FOR PREPARING AND USING THEM

(51) International classification	:A61K38/00
(31) Priority Document No	:61/229,224
(32) Priority Date	:28/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043533
Filing Date	:28/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)HILL Jason

(57) Abstract :

Chimeric ErbB ligand binding molecules having detectable binding activity for more ErbB ligands than any one of native ErbB 1 ErbB3 or ErbB4 are disclosed. Preferably the binding molecules bind a broad spectrum and more preferably the full spectrum of ErbB ligands. The chimeric ErbB ligand binding molecules generally have a subunit LI derived from one of Erb - B 1 3 or 4 and a subunit LII derived from another distinct ErbB receptor type. The sub-domain SI which joins LI and LII can be from either one of the receptor types or can have portions from both Pharmaceutical compositions that contain the molecules and methods for the treatment of ErbB sensitive diseases are also disclosed.

No. of Pages : 39 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1688/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHT-EMISSION ERROR PREVENTING CIRCUIT FOR OPTICAL TRANSMITTER

(51) International classification :H04B10/08
(31) Priority Document No :2009-193165
(32) Priority Date :24/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/003052
Filing Date :28/04/2010
(87) International Publication No :WO 2011/024350
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YAMANAKA, SHIGEO
4)KATAYAMA, MASATOSHI

(57) Abstract :

A subscriber-side optical network unit (ONU) has a control LSI 10 for outputting a data signal and a pre-bias signal at fixed intervals, an optical transmitter-receiver 30 for producing optical output in response to these signals, and a light-emission error preventing circuit 20 for preventing light-emission error. First and second light-emission error detecting circuits 21 and 22 output an abnormality detection alarm signal when no rising edge occurs in the data signal and pre-bias signal for a prescribed period of time. An CR element 23, when receiving the abnormality detection alarm signal from at least one of the first and second light-emission error detecting circuits 21 and 22, supplies the optical transmitter-receiver 30 with a shutdown signal and halts the optical output.

No. of Pages : 29 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1719/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : BIDIRECTIONAL MOVEMENT ASSEMBLY

(51) International classification :A61B6/00
(31) Priority Document No :09169724.3
(32) Priority Date :08/09/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/IB2010/053922
Filing Date :01/09/2010
(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

(71)Name of Applicant :
1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
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1)RIJKEN Antonius Maria
2)CUPPEN Martinus Antonius Maria

(57) Abstract :

The present invention relates to motor assisted movement as well as to mobile X-ray systems comprising at least one bidirectional wheel. Positioning heavy objects in in particular confined spaces with high precision may be a cumbersome and tedious task. Consequently, a motor assisted movement assembly as well as an X-ray system comprising at least one bidirectional wheel is presented. According to the present invention a motor assisted movement assembly (19) comprising at least one bidirectional wheel (18) and a motor arrangement associated with the at least one bidirectional wheel (18) is provided. The motor assisted movement assembly (19) is adapted to move on a surface, wherein the at least one bidirectional wheel (18) is adapted to roll in at least a first direction (20) and in at least a second direction (22), with the first direction (20) and the second direction (22) being non-parallel. The motor assisted movement assembly (19) is adapted to detect an indication of a desired movement (16) of the motor assisted movement assembly (19) relative to the surface and the motor arrangement is adapted to assist the movement of the motor assisted movement assembly (19) relative to the surface in accordance with the indication (16).

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : NOVEL GLOSSING SYSTEM FOR PAPER AND PAPERBOARD COATINGS

(51) International classification :D21H19/40

(31) Priority Document No :61/229,381

(32) Priority Date :29/07/2009

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

(86) International Application No :PCT/US2010/043511

Filing Date :28/07/2010

(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 :

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Address of Applicant :100 Campus Drive Florham Park NJ
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(72)Name of Inventor :

1)MATHUR Sharad

2)ABUNDIS David

3)FURTICK Randall

(57) Abstract :

This invention is directed to a paper coating or binding formulation, comprising an aqueous emulsion which comprises a copolymer derived from one or more monomers, and an ultra fine kaolin pigment. In certain embodiments, this invention is directed to a blend of high T9 latex (substantially non-film forming). and ultrafine kaolin. This invention is also directed to a paper comprising a fiber matrix and a coating or binding composition comprising an aqueous emulsion which comprises a copolymer derived from one or more monomers, and an ultrafine kaolin pigment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1682/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : WIRELESS POWER DISTRIBUTION AND CONTROL SYSTEM

(51) International classification	:H02J5/00
(31) Priority Document No	:61/236,388
(32) Priority Date	:24/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040139
Filing Date	:28/06/2010
(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)ACCESS BUSINESS GROUP INTERNATIONAL LLC
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(72)**Name of Inventor :**
1)BAARMAN David W.

(57) Abstract :

A wireless power distribution and control system may be used to supply power wirelessly to various devices. The devices in the system may have control over the system and / or over certain features of other devices. For example a smartphone charging in the wireless power distribution and control system may have access to and control over other devices in the system such as the overhead lights or a projector in a conference room. The identification of other devices as well as commands for controlling these devices may be communicated over the wireless power link. The type and degree of control of each device in that system may vary based on access control levels for the power supplies and connected devices. The devices that receive power may be configured to automatically connect with the power distribution system and to monitor the other devices connected to the system.

No. of Pages : 46 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1726/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE FOR THERMOFORMING A PLASTIC FILM□

(51) International classification :B29C51/42

(31) Priority Document No :09 55754

(32) Priority Date :24/0□/2009

(33) Name of priority country :France

(86) International Application No :PCT/FR2010/051664

Filing D□te :05/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Pont France

(72)Name of Inventor :

1)ROUSSEL Eric

(57) Abstract :

The invention relates to a thermoforming device for heating a plastic film (200) to a substantially uniform temperature in order to impart a curved shape to said film. The device includes a chamber (100) the internal pressure of which is variable and which is closed by the film a system (300) for measuring a sag (f) in the film arranged outside the chamber and opposite said film and a system for heating the film. The heating system includes a hot air blowing unit (20-62) which is suitable for producing a hot airflow (F2) flowing parallel to the film between two opposite edges (C1 C2) of said film.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1727/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR CARBOXYLIC ACID ESTERIFICATION

(51) International classification :C07C67/08

(31) Priority Document No :09 55762

(32) Priority Date :24/08/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/062265

Filing Date :23/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Aubervilliers. France

(72)Name of Inventor :

1)AMOROS Daniel

2)PITIOT Pascal

3)BREHELIN Mathias

4)TRESMONDI Alexandre

(57) Abstract :

The present invention relates to a method for esterification from alcohols and carboxylic acids using a heterogeneous catalyst wherein the esterification reaction is performed at high temperatures enabling an improvement in the compromise between selectivity conversion and kinetics in various types of devices for implementing the method.

No. of Pages : 24 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1728/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MICROWAVE HEATING DEVICE

(51) International classification :H05B6/72
(31) Priority Document No :2009-205481
(32) Priority Date :07/09/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/005431
Filing Date :03/09/2010
(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

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)NOBUE Tomotaka
2)OOMORI Yoshiharu
3)YASUI Kenji
4)MIHARA Makoto

(57) Abstract :

Disclosed is a microwave heating device radiation units of which have the ability to radiate both linearly-polarized and circularly-polarized microwaves. The disclosed microwave heating device which also has novel radiation functionality capable of power combining is provided with a plurality of radiation units (20 21) in the bottom wall (103) of a heating chamber (100) which contains an object to be heated. Each radiation unit (20 21) is provided with a plurality of microwave power-feed points (20a 20b 21a 21b). Phase control and drive control are performed for each of the microwave power-feed points.

No. of Pages : 90 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1678/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : UNITIZED PACKAGE AND METHOD OF MAKING SAME

(51) International classification	:B65D73/00
(31) Priority Document No	:61/236,425
(32) Priority Date	:24/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/045719
Filing Date	:17/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)AKI INC

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(72)Name of Inventor :

1)GREENLAND Steven J.

(57) Abstract :

The invention generally relates to unitized packages for containing and dispensing a product material. In particular, the unitized packages comprise a printed base card (20) and a fluid vessel (30) permanently bonded to the printed base card, The fluid vessel comprises a first laminate barrier layer (40) comprising at least one layer of a biaxially oriented thermoplastic polymer, a portion of which is formed into a modified dome shape, and a planar second laminate barrier layer (50). The first and second laminate barrier layers are sealed together to form a fluid- tight enclosure (60), wherein the product material (70) substantially fills the enclosure and the modified dome shape is resiliently sustainable. A method of manufacturing the unitized packages as described above is also provided. In particular, the method includes forming a portion of the first laminate barrier layer comprising the biaxially oriented polymer into the modified dome shape using a force such as pressurized gas.

No. of Pages : 26 No. of Claims : 28

(54) Title of the invention : FURAZANOBENZIMIDAZOLES AS PRODRUGS TO TREAT NEOPLASTIC OR AUTOIMMUNE DISEASES

(51) International classification :C07D413/04
 (31) Priority Document No :09166469.8
 (32) Priority Date :27/07/2009
 (33) Name of priority country :EPO
 (86) International Application No :PCT/EP2010/060803
 Filing Date :26/07/2010
 (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 :
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 (72)Name of Inventor :
1)POHLMANN Jens
2)BACHMANN Felix

(57) Abstract :

A compound of formula (II) a divalent benzene residue which is unsubstituted or substituted by one or two additional substituents independently selected from lower alkyl halo-lower alkyl hydroxy-lower alkyl lower alkoxy-lower alkyl acyloxy-lower alkyl phenyl hydroxy lower alkoxy hydroxy-lower alkoxy lower alkoxy-lower alkoxy phenyl-lower alkoxy lower alkylcarbonyloxy amino mono(lower alkyl)amino di(lower alkyl)amino mono(lower alkenyl)amino di(lower alkenyl)amino lower alkoxycarbonylamino lower alkylcarbonylamino substituted amino wherein the two substituents on nitrogen form together with the nitrogen heterocyclyl lower alkylcarbonyl carboxy lower alkoxycarbonyl cyano halogen and nitro; or wherein two adjacent substituents can be methylenedioxy; or a divalent pyridine residue (Z = N) which is unsubstituted or substituted additionally by lower alkyl lower alkoxy lower alkoxy-lower alkoxy amino optionally substituted by one or two substituents selected from lower alkyl lower alkenyl and alkylcarbonyl halo-lower alkyl lower alkoxy-lower alkyl or halogen; R1 represents hydrogen, lower alkylcarbonyl, hydroxy-lower alkyl or cyano-lower alkyl; and R2 represents a group selected from: or pharmaceutically acceptable salts thereof.

No. of Pages : 70 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1731/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD OF PROVIDING TELECOMMUNICATIONS NETWORK SECURITY

(51) International classification :H04W12/04

(31) Priority Document No :0913909.8

(32) Priority Date :10/08/2009

(33) Name of priority country :U.K.

(86) International Application No :PCT/JP2010/062130

Filing Date :13/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)PRASAD Anand Raghawa

2)JACTAT Caroline

(57) Abstract :

The invention provides for a method of providing network security within a mobile radio communications network and including creating a security context for communications between a mobile radio communications device and the network the security context being created responsive to an input parameter such as the downlink NAS count and the method further comprising as part of each initial handover attempt controlling the parameter so as to apply a version of the parameter different from a previous version for example as incremented downlink NAS count and preferably independently of network signaling messages.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1732/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : HE INVENTION RELATES TO A BEARING MECHANISM (4) FOR A TRANSVERSE LEAF SPRING (1) THAT CAN BE MOUNTED IN THE REGION OF A VEHICLE AXLE OF A VEHICLE HAVING AN OUTER BEARING SHELL DEVICE (30) AND INSERTION DEVICES (9 10) AT LEAST SOME REGIONS OF WHICH ARE ENCOMPASSED BY THE OUTER BEARING SHELL DEVICE (30) AND WHICH EACH COMPRISE AT LEAST TWO LAYER ELEMENTS (9A 9B 9C) HAVING DIFFERENT STIFFNESS. IN THE ASSEMBLED STA

(51) International classification	:B60G11/08
(31) Priority Document No	:10 2009 028 895.3
(32) Priority Date	:26/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061675
Filing Date	:11/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)FRUHMANN Gabriele

2)WAGNER Volker

3)HEIMANN Jens

4)HOFMANN Peter

(57) Abstract :

The invention relates to a bearing mechanism (4) for a transverse leaf spring (1) that can be mounted in the region of a vehicle axle of a vehicle having an outer bearing shell device (30) and insertion devices (9 10) at least some regions of which are encompassed by the outer bearing shell device (30) and which each comprise at least two layer elements (9A 9B 9C) having different stiffness. In the assembled state the insertion devices (9 10) are each disposed between the outer bearing shell device (30) and the transverse leaf spring (1). In the region of a support surface (11A 11B) of the transverse leaf spring (1) a recess (11C 11D) is formed for each of the insertion devices (9 10) and at least sections of the insertion devices (9 10) engage therein in a form-locking manner. According to the invention the insertion devices (9 10)

No. of Pages : 79 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1681/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRANSCRIBING A PROFILE RELATED APPLICATIONS

(51) International classification :B25H7/00
(31) Priority Document No :2009903508
(32) Priority Date :28/07/2009
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2010/000947
Filing Date :28/07/2010
(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 :**
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(72)**Name of Inventor :**
1)CHAMBERLAIN Peter Anthony

(57) Abstract :

The present invention relates to the field of cabinetry cabinet making and the building industry in general. In particular the invention relates to a method and apparatus for transcribing a profile of a reference surface onto a target surface. In one form the present invention provides a scribe tool comprising at least one marking portion operatively associated with a reference surface following portion the at least one marking portion extending laterally beyond the perimeter of the reference surface following portion and comprising at least one marking region forming an angle of 90° or less at its outer extent.

No. of Pages : 39 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1733/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : BEARING MECHANISM FOR A TRANSVERSE LEAF SPRING MOUNTABLE IN THE AREA OF A VEHICLE AXLE

(51) International classification	:B60G11/08
(31) Priority Document No	:10 2009 028 899.6
(32) Priority Date	:26/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061676
Filing Date	:11/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

1)WAGNER Volker

(57) Abstract :

The invention relates to a bearing mechanism (4) for a transverse leaf spring (1) that can be mounted in the region of a vehicle axle of a vehicle having an outer bearing shell device (30) and insertion devices (9 10) at least some regions of which are encompassed by the outer bearing shell device (30) and which each comprise at least two layer elements (9A 9B und 10A 10B) having different stiffness. In the assembled state the insertion devices (9 10) are each disposed between the outer bearing shell device (30) and the transverse leaf spring (1). According to the invention the outer bearing shell device (30) comprises a one-piece bearing ring element (31) and the insertion devices (9 10) can be operatively connected at least in a force locking manner to the bearing ring element (31) and the transverse leaf spring (1) via tensioning elements (35 36).

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1734/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : B-GLUCANASE AND XYLANASE PREPARATION METHOD USING WASTE FUNGI AND LIQUID CULTURE MEDIUM

(51) International classification	:C12N9/24
(31) Priority Document No	:2009-192993
(32) Priority Date	:24/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063838
Filing Date	:17/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)FUKUDA Kazuro

(57) Abstract :

Disclosed is production of cellulase having excellent ability to decompose cellulosic resources containing xylan at low cost. A method for producing p-glucanase and xylanase, comprising the step of culturing a microorganism classified under the genus Trichoderma by using a liquid culture medium which contains fungus body debris as an organic carbon source.

No. of Pages : 62 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1735/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : SPARKLESS ELECTRICAL CONNECTOR

(51) International classification	:H01R13/53
(31) Priority Document No	:12/533,595
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043541
Filing Date	:28/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
1)CHIEN Shen-Yuan
2)LIU Meng-Chang

(57) Abstract :

Methods and apparatuses supporting an electrical connection in a manner that eliminates or reduces a danger of electrical sparking are disclosed. A sparkless electrical connector has a conductor, configured to provide flow of electricity between an electrical source and a load, and a resistive element, operatively coupled to the conductor, to resist flow of electricity during a state of partial connection with the electrical source or the load. The resistive element may be not in contact with a terminal of the source or load during a state of full connection. The resistive element may be a coating of an anodized material on a pin of the conductor. The coating provides a resistance sufficient to prevent sparking during connection of the conductor and at least one of the electrical source and the load. Techniques disclosed herein benefit users and manufacturers in the areas of safety, cost, simplicity, and reliability.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1736/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : NATURAL LANGUAGE NAVIGATION FOR POWER MONITORING SYSTEMS

(51) International classification :G06F17/27

(31) Priority Document No :12/511,786

(32) Priority Date :29/07/2009

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

(86) International Application No :PCT/US2010/043089

Filing Date :23/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)STEVENSON Thomas Stewart

3)THOMPSON Gregory Allen

4)WALL Theresa Krivanek

(57) Abstract :

A method of parsing a natural language phrase to retrieve data associated with a power monitoring system. An input receives a natural language phrase including terms, one of which indicates a data manipulation action for manipulating data of the power monitoring system. A parser component parses the phrase to extract the terms and maps those terms to corresponding category items. The parser component constructs a structured query based on the category items and provides the query to a processor component that retrieves the data from a data source specified in the submitted phrase. The processor component also manipulates the data according to the data manipulation action. The output from the processor component is provided to a presentation component that formats the manipulated data for presentation on a video display, and the formatted manipulated data is displayed on the video display.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1729/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : BEARING DEVICE OF A TRANSVERSE LEAF SPRING THAT CAN BE MOUNTED IN THE REGION OF A VEHICLE AXLE OF A VEHICLE

(51) International classification	:B60G11/08
(31) Priority Document No	:10 2009 028 893.7
(32) Priority Date	:26/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/061678
Filing Date	:11/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)VOSEL Andreas

4)VOPEL David

5)FRUHMANN Gabriele

(57) Abstract :

The invention relates to a bearing mechanism (4) for a transverse leaf spring (1) that can be mounted in the region of a vehicle axle of a vehicle, having two outer bearing shells (6, 7) that can be connected together, and insertion devices (9, 10), at least some regions of which are encompassed by the outer bearing shells (6, 7), and which each comprise at least two layer elements (9A, 9B, 9C and 10A, 10B, 10C) having different stiffness. In the assembled state, the insertion devices (9, 10) are each disposed between the outer bearing shells (6, 7) and the transverse leaf spring (1). According to the invention, the insertion devices (9, 10) can be connected to the outer bearing shells (6, 7) and the transverse leaf spring (1) via a bolt device (8) connecting the outer bearing shells (6, 7) together and to a vehicle chassis at least in a force locking manner.

No. of Pages : 57 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1740/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR LOADING MEDICAL APPLIANCE WITH DRUGS AND/OR POLYMERS□

(51) International classification :A61F2/82
(31) Priority Document No :200910055719.4
(32) Priority Date :24/□7/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/075077
Filing Date :09/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)TANG Zhirong
5)LUO Qiyi

(57) Abstract :

A method for loading a medical appliance with a medicament and/or a polymer is disclosed, the medical appliance comprising one or more grooves or holes loaded with the medicament and/or polymer. The method comprising the steps of: 1) capturing an image of the grooves or holes of the medical appliance, wherein the image contains at least one complete pattern of the grooves or holes; 2) performing digital image processing on the captured image to obtain the pattern of the grooves or holes; 3) calculating a central position of the pattern of the grooves or holes, and determining an actual central position of the grooves or holes based on the central position; 4) adjusting a relative position of a loading device to the medical appliance to align an outlet of the loading device with the actual central position of the grooves or holes; and 5) opening the outlet of the loading device to load the grooves or holes. A device for loading a medical appliance with a medicament and/or a polymer is further disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1741/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : TREATMENT OF VASCULOPROLIFERATIVE CONDITIONS□

(51) International classification :C07K16/18
(31) Priority Document No :0915515.1
(32) Priority Date :04/09/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/001681
Filing Date :06/09/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)GREENWOOD John
2)MOSS Stephen
3)WANG Xiaomeng

(57) Abstract :

This invention relates to the field of molecular physiology. Specifically this invention relates to the prevention and/or treatment of vasculoproliferative conditions especially those of the eye and in the treatment of tumours that exhibit vascular proliferation. Levels of leucine-rich alpha-2-glycoprotein (Lrg1) have been demonstrated to be increased in patients suffering from such conditions and animal models of such conditions. Antagonists of Lrg1 can be used to prevent and/or treat vasculoproliferative conditions.

No. of Pages : 72 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1742/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR LIMITING SECONDARY ARC CURRENT OF EXTRA-HIGH VOLTAGE /ULTRA-HIGH VOLTAGE DOUBLE CIRCUIT LINES ON THE SAME TOWER□

(51) International classification :H02H9/08
(31) Priority Document No :2009101□8263.2
(32) Priority Date :20/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/001256
Filing Date :19/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LIN Jiming
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4)HAN Bin
5)WANG Xiaogang
6)WANG Xiaotong
7)SONG Ruihua
8)LIU Hongtao
9)ZHENG Bin

(57) Abstract :

A method and a device for limiting secondary arc current of extra-high voltage/ ultra-high voltage double circuit lines on the same tower. The method comprises the following steps: judging the type of the single-phase ground fault when the extra-high voltage/ ultra-high voltage double circuit lines on the same tower have a single-phase ground fault (S501); selecting a reactance value of a small reactor on neutral point according to the type of the single-phase ground fault (S502); and switching the extra-high voltage/ ultrahigh voltage double circuit lines on the same tower to the selected reactance value of the small reactor on neutral point (S503). Thus the reactance value of the small reactor on neutral point is not constant, but is changed along with the operating conditions of power transmission lines, that is, the reactance value of the small reactor on neutral point is controllable. In this way, when the operating conditions of the extra-high voltage/ ultra-high voltage double circuit lines on the same tower are different, a small reactor on neutral point with an optimal reactance value can be selected to be accessed to the power transmission lines, thereby effectively limiting the secondary arc current generated by the single-phase ground fault.

No. of Pages : 41 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1737/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

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

(51) International classification	:H04L25/02
(31) Priority Document No	:2009-175854
(32) Priority Date	:28/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062727
Filing Date	:28/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)Tadashi MATSUMOTO
2)Shoji KOISE

(57) Abstract :

A transmitting circuit 14 is connected to a communication line 4 and configured to transmit a primary signal 51, being a current signal, to the communication line 4 by changing a current flowing from a transmission unit 2 via the communication line 4. A receiving circuit 15 is configured to receive a secondary signal 52 which is generated by converting the primary signal 51 transmitted from the transmitting circuit 14 to a voltage signal by a current/voltage converter 3 provided between the transmission unit 2 and the communication line 4. Specifically, the primary signal 51, being a current signal transmitted from a communication terminal 10, is converted to the secondary signal 52 being a voltage signal by the current/voltage converter 3. As a result, communication can be performed even when the impedance of the communication line is reduced, facilitating introduction of a communication system.

No. of Pages : 78 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1738/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : CERAMIC SUBSTRATE FOR MOUNTING LUMINESCENT ELEMENT

(51) International classification :C04B38/00
(31) Priority Document No :2009-178864
(32) Priority Date :31/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/062918
Filing Date :30/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)**Name of Inventor :**
1)UCHINO Kazuhito
2)NISHIMOTO Kenichi

(57) Abstract :

A ceramic substrate (1) for mounting a luminescent element includes a content of aluminum oxide of from 94 mass% to 97 mass% silicon oxide and at least one of calcium oxide and magnesium oxide. The ceramic substrate (1) has a porosity of from 2.5% to 4.5% a number of pores of from 7 000 to 11 000 and a cumulative relative frequency of 70% or above in an equivalent circle diameter of 1.6 μm or less in a pore distribution when viewing pores having an equivalent circle diameter of 0.8 μm or more in a surface area portion of 9.074105 μm^2 of a surface (1a) of the substrate (1). The ceramic substrate (1) has high reflectivity of 90% or above in ultraviolet to infrared regions and has satisfactory mechanical properties which is suitable for use in a luminescent device (21).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1739/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : REGULATORY NUCLEIC ACID MOLECULES FOR ENHANCING CONSTITUTIVE GENE EXPRESSION IN PLANTS□

(51) International classification	:C12N 15/82
(31) Priority Document No	:61/238,230
(32) Priority Date	:31/08/2009
(33)□Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/061659
Filing Date	:11/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)KUHN JOSEF MARTIN
2)LOYALL LINDA PATRICIA
3)SIEBERT MALTE
4)DUWENIG ELKE

(57) Abstract :

The present invention is in the field of plant molecular biology and provides methods for production of high expressing constitutive promoters and the production of plants with enhanced constitutive expression of nucleic acids wherein nucleic acid expression enhancing nucleic acids (NEENAs) are functionally linked to said promoters and/or introduced into plants.

No. of Pages : 56 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1750/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS AND APPARATUS EMPLOYING FEC CODES WITH PERMANENT INACTIVATION OF SYMBOLS FOR ENCODING AND DECODING PROCESSES

(51) International classification	:H03M13/37
(31) Priority Document No	:61/235,285
(32) Priority Date	:19/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/046027
Filing Date	:19/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)LUBY Michael G.
2)SHOKROLLAHI Mohammad Amin
3)MINDER Lorenz Christoph

(57) Abstract :

Encoding of a plurality of encoded symbols is provided wherein an encoded symbol is generated from a combination of a first symbol generated from a first set of intermediate symbols and a second symbol generated from a second set of intermediate symbols each set having at least one different coding parameter wherein the intermediate symbols are generated based on the set of source symbols. A method of decoding data is also provided wherein a set of intermediate symbols is decoded from a set of received encoded symbols the intermediate symbols organized into a first and second sets of symbols for decoding wherein intermediate symbols in the second set are permanently inactivated for the purpose of scheduling the decoding process to recover the intermediate symbols from the encoded symbols wherein at least some of the source symbols are recovered from the decoded set of intermediate symbols.

No. of Pages : 166 No. of Claims : 38

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1743/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : INTEGRATED HYDROMETHANATION COMBINED CYCLE PROCESS□

(51) International classification □ C10L3/08 □

(31) Priority Document No :61/242,890

(32) Priority Date :16/09/2009

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

(86) International Application No :PCT/US2010/048885

Filing Date :15/09/2010

(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

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1)SIRDESHPANDE Avinash

2)PRESTON William E.

(57) Abstract :

The present invention relates to an integrated process for preparing combustible gaseous products via the hydromethanation of carbonaceous feedstocks in the presence of steam carbon monoxide hydrogen a hydromethanation catalyst and optionally oxygen and generating electrical power from those combustible gaseous products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1744/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : SYSTEMS METHODS AND APPARATUS CONFIGURED TO MANAGE NEIGHBOR CELL LISTS

(51) International classification :H04W24/02

(31) Priority Document No :61/236,014

(32) Priority Date :21/08/2009

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

(86) International Application No :PCT/US2010/046379

Filing Date :23/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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5)CHEN Jen M.

6)MESHKATI Farhad

(57) Abstract :

According to some wireless network standards the size of a neighbor cell list is restricted to a maximum size. The limited size of a neighbor cell list may not reflect the realities of a wireless network deployment especially for deployments including numerous femto cells clustered in close proximity. Accordingly as the concentration of macro cells and/or femto cells in an area increases there lies a challenge to identify and communicate neighbor lists to user devices that reflect the arrangement of a particular portion of the deployment and the needs of the user devices. Various systems methods and apparatus described herein are configured to provide a user device or a group of user devices a neighbor cell list that includes neighbor cell identifiers chosen from a candidate list.

No. of Pages : 59 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1745/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : INTEGRATED HYDROMETHANATION COMBINED CYCLE PROCESS

(51) International classification :C10L3/08
(31) Priority Document No :61/22,891
(32) Priority Date :16/09/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/048884
Filing Date :15/09/2010
(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

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(57) Abstract :

The present invention relates to an integrated process for preparing combustible gaseous products via the hydromethanation of carbonaceous feedstocks in the presence of steam carbon monoxide hydrogen a hydromethanation catalyst and optionally oxygen and generating electrical power from those combustible gaseous products as well as a hydrogen and/or methane by-product stream.

No. of Pages : 53 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1746/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ESTABLISHING AN AD HOC NETWORK USING FACE RECOGNITION

(51) International classification :G06K9/00
(31) Priority Document No :12/545,794
(32) Priority Date :21/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/044974
Filing Date :10/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Ad hoc network formation is provided in connection with using face recognition and simple device pairing to build a network. Upon determining the identity of an individual using for instance a software recognition program various protocols may be used to implement the formation of the ad hoc network.

No. of Pages : 33 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1757/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MEDICAMENT CONTAINER

(51) International classification	:A61M5/28
(31) Priority Document No	:09010973.7
(32) Priority Date	:27/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/062154
Filing Date	:20/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)**Name of Inventor :**
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2)RICHTER Ren
3)WITT Robert

(57) Abstract :

The invention relates to a medicament container (1) for a liquid medicament the medicament container (1) comprising a flexible bag (2) with an outlet (4) the bag (2) surrounded by a braid (3) arranged for lengthening and narrowing when being pulled in longitudinal direction (L).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1759/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD OF FRACTURING SUBTERRANEAN FORMATIONS

(51) International classification :C09K8/60

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/EP2009/059879

Filing Date :30/07/2009

(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

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(72)Name of Inventor :

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2)THIEME Karena Eva

(57) Abstract :

A method of fracturing subterranean formations which comprises using a low residue fluid that facilitates the clean up of the wellbore following the treatment is disclosed. The system includes a surfactant compound that forms micelles above a critical concentration. Under certain conditions the addition of an associative thickener compound yields a network based on hydrophobic interactions. The resulting viscous fluid can transport propan-2-ol be applied neat or as a foamed or energized system or used in an acidizing treatment. The method may further include a breaking step.

No. of Pages : 51 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1751/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : AIR-CONDITIONING DEVICE

(51) International classification	:F24F7/00
(31) Priority Document No	:2009-179016
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059185
Filing Date	:31/05/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)IIDA Hiroyuki

(57) Abstract :

An air-conditioning device is provided that can generate ions without interfering with a flow of air blown out from an air outlet, and allows a user him/herself to easily change an ion generating electrode. Specifically, the air-conditioning device includes: a wind direction changing plate 30 provided in an air outlet that blows out air; and an ion generating unit 40 detachably mounted to the wind direction changing plate 30, wherein a recess 32 is formed in the wind direction changing plate 30, the recess 32 is formed to be larger than the ion generating unit 40 in one direction so that the ion generating unit 40 can be fitted in the recess 32 only in a predetermined position away from one of opposite ends of the recess 32 in one direction, a guide mechanism is provided that slidably holds the ion generating unit 40 fitted in the recess 32, and the guide mechanism slides the ion generating unit 40 fitted in the recess 32 toward one end in one direction to secure the ion generating unit 40 to the wind direction changing plate 30.

No. of Pages : 63 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1793/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : REDUCTION OF PARTICULATE EMISSIONS FROM VEHICLE BRAKING SYSTEMS

(51) International classification	:F16D69/00
(31) Priority Document No	:12/533,933
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043989
Filing Date	:30/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A vehicle braking system reduces particulate emissions resulting from wear of the brake pad and rotor during stopping or slowing of a vehicle. The rotor includes at least one friction surface that has an outer coating of a corrosion and wear-resistant material. This uoter coating can optionally include a first layer comprising a crystalline material and a second layer overlaying and contacting the first layer and comprising an amorphous material. The first layer and the second layer can optionally have an inter-layer period of less than 10 nm such that the structure of the outer coating is that of a superlattice. A brake member that includes a friction material is mounted to a caliper on the vehicle with the friction material disposed opposite the at least one friction s

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1794/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COMPOSITION FOR METAL PLATING COMPRISING SUPPRESSING AGENT FOR VOID FREE SUBMICRON FEATURE FILLING

(51) International classification	:C25D3/02
(31) Priority Document No	:61/229,803
(32) Priority Date	:30/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/060276
Filing Date	:16/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)MAYER Dieter

5)EMNET Charlotte

(57) Abstract :

According to the present invention a composition is provided comprising at least one source of metal ions and at least one additive obtainable by reacting a) a polyhydric alcohol condensate compound derived from at least one polyalcohol of formula (I) $X(OH)_n$ (I) by condensation with b) at least one alkylene oxide to form a polyhydric alcohol condensate comprising polyoxyalkylene side chains wherein n is an integer from 3 to 6 and X is an n-valent linear or branched aliphatic or cycloaliphatic radical having from 2 to 10 carbon atoms which may be substituted or unsubstituted.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1795/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : POST ION IMPLANT STRIPPER FOR ADVANCED SEMICONDUCTOR APPLICATION

(51) International classification :H01L21/311

(31) Priority Document No :61/229,760

(32) Priority Date :30/07/2009

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

(86) International Application No :PCT/EP2010/060762

Filing Date :26/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)SHEN MeiChin

3)CHAN ChiaHao

4)KLIPP Andreas

(57) Abstract :

The present invention relates to a substantially water-free photoresist stripping composition. Particularly the present invention relates to a substantially water-free photoresist stripping composition useful in removing the photoresist after ion-implant process comprising: (a) an amine (b) an organic solvent A and (c) a co-solvent wherein the composition is substantially water-free

No. of Pages : 1 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1752/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : REMINDER DEVICE FOR DRUG DELIVERY DEVICES

(51) International classification :A61J7/04
(31) Priority Document No :09010974.5
(32) Priority Date :27/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/062433
Filing Date :26/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)DASBACH Uwe
2)LANIN Irina
3)RABE Peggy

(57) Abstract :

The present invention relates to a reminder device for a drug delivery device (10) comprising: a base member (12; 14) - an adjusting element (22; 36) movably disposed with respect to the base member (12; 14) between at least two stop positions and a display means (18; 28) comprising an information surface (26; 40) being only partially discernible through an aperture (30; 38) wherein at least two designated segments (25; 27) of the information surface (26; 40) become selectively discernible by a displacement of the adjusting element (22; 26) relative to the base member (12; 14).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1753/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MASTER CYLINDER IN PARTICULAR FOR A CONTROLLED MOTOR VEHICLE BRAKE SYSTEM

(51) International classification :B60T11/20
(31) Priority Document No :10 2009 035 631.2
(32) Priority Date :31/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/059956
Filing Date :12/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)DROTT Peter
3)TRAN Thanh-Quyen
4)LEPTICH Heiko
5)K-NIG Harald

(57) Abstract :

The invention relates to a master cylinder 1 in particular for a controlled motor vehicle brake system comprising a first and a second piston 3 4 which is displaceable in a housing 2 and has a captive spring 34 35 a first end of the spring 34 35 bearing at least indirectly against the piston 3 4 and a second end thereof against a sleeve 44 45 which is displaceable with respect to the piston 3 4 and the movement of which with respect to the piston 3 4 is limited by a pin 38 39 provided on the piston 3 4 and by a stop washer 43 50 the stop washer 43 50 being arranged on a free end of the pin 38 39.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1754/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ALGAE REACTOR

(51) International classification	:C12M1/00
(31) Priority Document No	:61/229,806
(32) Priority Date	:30/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/061153
Filing Date	:30/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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The NETHERLANDS

(72)Name of Inventor :

1)NEEB Taco Wijnand

2)ROOYMANS Johannes Otto

(57) Abstract :

The invention relates to a lighting system for illuminating algae in an aqueous liquid. The lighting system includes a light source comprising a plurality of LEDs a mounting structure for supporting the LEDs and a housing for accommodating the light source and the mounting structure. At least a portion of the housing is transparent for light emitted by the light source. The housing is at least partly filled with a cooling liquid such that in use heat from the LEDs is transferred by the cooling liquid from the LEDs by means of convection. The invention further relates to a reactor comprising such lighting system.

No. of Pages : 37 No. of Claims : 66

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1756/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : REMINDER DEVICE FOR A PEN-SHAPED MEDICAL DELIVERY DEVICE

(51) International classification :A61J7/04
(31) Priority Document No :09010974.5
(32) Priority Date :27/08/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/062432
Filing Date :26/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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am Main Germany
(72)**Name of Inventor :**
1)DASBACH Uwe
2)LANIN Irina

(57) Abstract :

Reminder device for indication of time-related information for a pen-shaped medical delivery device the reminder device comprising: a housing part comprising a guiding device an adjusting element which is movably disposed on the guiding device for selecting of a position of the adjusting element for indication of a time information an indication device disposed along the guiding device and having an outer surface with sequential time indicia disposed thereon wherein the indication device provides a time indication which corresponds to the position of the adjusting element so that a user can mark a time information on the pen-shaped medical delivery device.

No. of Pages : 34 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1797/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COOKING DEVICE

(51) International classification	:F24C15/20
(31) Priority Document No	:2009-177828
(32) Priority Date	:30/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062902
Filing Date	:30/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)OHUCHI Mitsuo

3)IWAMOTO Masayuki

4)HIRANO Hiro

5)ASAMI Shinji

(57) Abstract :

A cooking device has an exhaust duct (19) configured and arranged to mix together exhaust air discharged from an opening (61a) at a tip of a nozzle part (61) and part of cooling air discharged from a cooling fan and guide the mixed exhaust air to discharge it outside of a casing and an exhaust duct temperature sensor (70) placed within the exhaust duct (19) to detect a temperature of an atmosphere inside the exhaust duct at a portion upper than the opening (61a) of the nozzle (61). A fan abnormal-stop detection part detects an abnormal stop of the fan when an increment per unit time of an atmosphere temperature inside the exhaust duct (19) detected by the temperature sensor (70) during cooking becomes equal to or higher than a first threshold value.

No. of Pages : 80 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE AND METHOD FOR MIXING AND EXCHANGING FLUIDS

(51) International classification :B01D 19/00

(31) Priority Document No :1383/09

(32) Priority Date :31/07/2009

(33) Name of priority country :Switzerland

(86) International Application No :PCT/IB2010/001904

Filing Date :02/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

1)KNOBEL Alex

(57) Abstract :

The invention relates to an apparatus and a method for mixing and exchanging fluids, having a first chamber (2) and a second chamber (4) , adjacent to the first chamber, wherein the first chamber (2) is a mixing chamber with static mixing elements (6), through which at least a first fluid (F) and a second fluid (G) can flow in a mixing-fluid-flow direction, and the second chamber (4) is a fluid-supply chamber or fluid-discharge chamber, through which the second fluid (G) can flow, wherein a semi-permeable membrane (7) is arranged at least in parts of the boundary region between the volume of the first chamber (2) and the volume of the second chamber (4) , this membrane being impermeable to molecules or molecule agglomerations of the first fluid (F) and being permeable to molecules or molecule agglomerations of the second fluid (G) , characterized in that the membrane (7) consists of a material, or is coated with a material, for which at least the molecules or molecule agglomerations of one of the two fluids (F) have a low affinity, and/or characterized in that the semi-permeable membrane (7) is an elastic membrane which is mounted on a supporting wall (6) provided with a multiplicity of holes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1806/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the ☐nvention : HOOK POSE DETECTING EQUIPMENT AND CRANE☐

(51) International classification :B66C1/14
(3☐) Priority Document No :200910226102.4
(32) Priority Date :20/11/2009
(33) Name of priority country :China
(86) International Applicatio☐ No :PCT/CN2010/074471
Filing Date :25/06/2010
(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

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2)SANY AUTOMOBILE MANUFACTURE CO. LTD.
(72)**Name of Inventor :**
1)TANG Xiujun
2)YANG Dezhi
3)ZHOU Bin

(57) Abstract :

A hook pose detecting equipment and a crane with the hook pose detecting equipment in which the hook pose detecting equipment comprises an angle measuring apparatus for obtaining the angle between an axis in a second coordinate system and the corresponding axis in a first coordinate system an acceleration measuring meter for obtaining the acceleration of the hook in a predetermined direction a processor for building the first coordinate system and the second coordinate system and an output equipment. The first coordinate system is relatively fixed with a predetermined location and the second coordinate system is relatively fixed with the hook. The processor obtains the pose parameters.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1807/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : LOW-TEMPERATURE AND AVERAGE-TEMPERATURE REFRIGERATION

(51) International classification :C09K5/04
(31) Priority Document No :09.56242
(32) Priority Date :11/09/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051726
Filing Date :17/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The invention relates to the use of binary compositions of 2,3,3,3-tetrafluoropropene and difluoromethane as a heat transfer fluid in compression low-temperature and average temperature refrigeration systems with exchangers operating in counterflow mode or in split flow mode with counterflow tendency. The inventions also relates to a heat transfer method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1808/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MONOALKYL SULFOSUCCINAT□S IN □ESTICIDE FORMULATIONS AND APPLICATIONS AS HYDROTROPES□

(51) International classification :A01N25/02

(31) Priority Document No :61/245,450

(32) Priority Date :24/09/2009

(33) Nam□ of priority country :U.S.A.

(86) International Application No :PCT/EP2010/063900

Filing Date :21/09/2010

(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

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2)ALEXANDER Mark

(57) Abstract :

The present invention comprises formulations for use as pesticides and their applications. The formulations include a monoalkylsulfosuccinnate as a hydrotrope. The pesticide may be a herbicide comprising glufosinate-ammonium.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1809/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ENCAPSULATION OF PIGMENTS WITH POLYMER LATEX PREPARED BY MINI-EMULSION POLYMERIZATION

(51) International classification	:C08J3/00
(31) Priority Document No	:0916171.2
(32) Priority Date	:15/09/2009
(33) Name of priority country	:K.
(86) International Application No	:PCT/EP2010/063359
Filing Date	:13/09/2010
(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

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1)XU Peng
2)MURRAY Martin W.

(57) Abstract :

A process for preparing a polymer latex comprising encapsulated pigment particles said process comprising the steps of: a) Providing a first dispersion comprising water at least one surfactant and at least one particulate inorganic pigment of which the particles have a mean diameter of from 200 nm to 10 µm; b) Providing a second dispersion comprising water a dispersant a hydrophobe and at least two polymerizable monomers of which monomers at least one is an acrylic monomer; c) Independently homogenizing the first and / or second dispersions; d) Mixing said first and second dispersions and homogenizing said mixture until the particles of pigment are encapsulated by monomer droplets; and e) Initiating polymerization of the monomers. In an embodiment the at least two polymerizable monomers comprise at least one acrylic monomer and at least one monomer being vinyl acetate styrene or another non-acrylic monomer comprising a polymerizable double bond.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1747/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : READY-TO-EAT FARINACEOUS PRODUCT AND A METHOD FOR THE PREPARATION THEREOF

(51) International classification	:A21D8/06
(31) Priority Document No	:09168591.7
(32) Priority Date	:25/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/NL2010/50528
Filing Date	:24/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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3)MORET Pieter

(57) Abstract :

The invention provides a method of preparing a ready-to-eat farinaceous food product said method comprising the successive steps of: a)preparing a farinaceous dough by mixing flour water and optionally one or more other bakery ingredients; b)dividing the dough into one or more dough portions; c)shaping the one or more dough portions into one or more shaped dough pieces; d)proving the dough pieces; e)contacting 30-60% of the total surface area of the one or more shaped dough pieces with hot oil during a period of at least 10 seconds to produce one or more partially fried dough pieces comprising a fried surface area and a non-fried surface area; and f)baking said one or more partially fried dough pieces to produce one or more baked dough.....

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1748/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR PERFORMING HARQ PROCEDURE□E□

(51) International classification :H04L1/18
(31) Priority Document No :61/234,637
(32) Priority Date :18/08/2009
(33) Name of priority country :U.S.A.
(8□) International Application No :PCT/KR2010/005467
Filing Date :18/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)YUK Young Soo
3)KIM Yong Ho
4)RYU Ki Seon

(57) Abstract :

A apparatus and method for efficiently performing an HARQ procedure in a wireless communication system are disclosed. According to the method for performing an HARQ procedure waste of unnecessary resources caused by continuous failure in packet transmission can be avoided wherein the failure occurs due to the error of the uplink basic assignment A-MAP IE for retransmission.

No. of Pages : 30 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1749/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :24/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : FEEDER FOR DISPENSING A SOLUTION OF A SOLID MATTER DISSOLVED THEREIN□

□51) International classification	:E03B11/00
(31) Priority Document No	:61/272,132
(32) Priority Date	:19/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/0006□6
Filing Date	:19/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The present invention provides a feeder for dispensing a solution of at least partially dissolved solid matter therein comprising (a) at least one container; wherein said container enclosing a bulk M of solid matter; (b) at least one feeding pipe in fluid connection with said container adapted to introduce a stream L of flowing liquid into said container; wherein a portion P of said bulk of solid matter is at least partially dissolved within said liquid such that said solution is provided; wherein P is substantially smaller than M.

No. of Pages : 49 No. of Claims : 97

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1800/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MEDIA INSERTION SYSTEM

(51) International classification	:H04N7/16
(31) Priority Document No	:0913389.3
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/051274
Filing Date	:02/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)CAINES Christopher David
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(57) Abstract :

In a substitutional media system one of a set of media items is selected at a programme receiver for output within a predefined programming slot based on profile data available at the receiver. Sets of the media items are scheduled to slots according to one or more constraints pertaining to that slot and/or to media items scheduled to other slots. The receiver may select a media item for output in a slot by resolving constraints with media items scheduled to other slots or selected for output in other slots.

No. of Pages : 71 No. of Claims : 44

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1813/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING COMMUNICATION CHANNEL DELAY ASYMMETRY

(51) International classification :H04L

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/CN2009/076347

Filing Date :31/12/2009

(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

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1)SU Bin

2)LI Youyi

3)EINARSSON Torbjörn

(57) Abstract :

The invention provides a method and apparatus for detecting communication channel delay asymmetry between transmission line protection devices. The method comprises: calculating repeatedly clock disparity between clocks of the protection devices and communication delays at different paths of the communication channel; comparing the latest calculated clock disparity and communication delays with previously calculated clock disparities and communication delays respectively; determining a channel switching has happened if a change of the calculated clock disparity exceeds a first threshold or a change of the calculated communication delays for any path exceeds a second threshold; and determining the channel delays as asymmetrical if a difference between the calculated communication delays of the different paths after the channel switching exceeds a third threshold.

No. of Pages : 23 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1802/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ENGINE STARTING/STOPPING SWITCH DEVICE

(51) International classification :F02N15/00
(31) Priority Document No :2009-176374
(32) Priority Date :29/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060517
Filing Date :22/06/2010
(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

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3)HIDAKA Keisuke
4)MASUBUCHI Koji
5)KANESHIGE Kazuto

(57) Abstract :

An engine starting/stopping switch device is provided that includes a switch unit that switches over switching modes in response to linear movement of a movable member a push button is linked to the movable member so as to drive the movable member in response to a pushing operation and a coil antenna that outputs transponder drive radio waves for generating an electromotive force in a transponder built into a portable device.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1803/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PHTHALOCYANINE DERIVATIVE CONSISTING OF A MIXTURE OF 4 ISOMERS

(51) International classification	:C07D487/22
(31) Priority Document No	:FI2009A000168
(32) Priority Date	:30/07/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2010/061112
Filing Date	:30/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)DEI Donata
3)CHITI Giacomo
4)NISTRI Daniele

(57) Abstract :

There is described a phthalocyanine derivative of formula (I) (with low isomer B content) (I) Consisting of 4 isomers wherein the relative isomer B content is less than or equal to 1% by weight.

No. of Pages : 29 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1804/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : CRANE TRANSITION ASSISTING DEVICE TRANSPORT TRAILER WITH ASSISTING DEVICE AND □ CRANE DISASSEMBLING/ASSEMBLING METHOD BY USE OF ASSISTING DEVICE □

(51) International classification :B66C17/20
(31) Priority Document No :200910225695.2
(32) □ Priority Date :27/11/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074224
Filing Date :22/06/2010
(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

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3)ZHANG Xin
4)DENG Lianxi

(57) Abstract :

A crane transition assisting device, a transport trailer with the assisting device and a crane disassembling/assembling method by use of the assisting device are disclosed. The crane transition assisting device comprises a bearing frame (130) and supporting legs (110) which are mounted on the bearing frame and are equipped with a hydraulic cylinder (111) telescoping in a vertical direction. The bearing frame (130) is provided with at least two suspension arm brackets (120) arranged along the longitudinal direction of a horizontal plane and used for supporting a suspension arm. The assisting device realizes separation or combination of the suspension arm and a rotary table without an assistant lifting mechanism while disassembling/assembling a large-tonnage wheel crane so as to conveniently realize disassembling/assembling a large-tonnage wheel crane. The transport trailer with the assisting device can provides convenience for carrying a suspension arm, and the crane disassembling/assembling method by use of the assisting device can provides convenience for large-tonnage wheel crane transition.

No. of Pages : 32 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1816/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : POLYPROPYLENE FILM WITH OPENING AID

(51) International classification :B65D75/58
(31) Priority Document No :10 2009 039 221.1
(32) Priority Date :28/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/005223
Filing Date :26/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)STEINBRECHER Jrg
5)HENNE Markus

(57) Abstract :

A biaxially oriented polypropylene film with perforated lines is described. The film has at least two perforated lines which run parallel to one another and are located at a maximum interval of 10 mm. The perforations of the two lines are offset relative to one another.

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1818/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD EQUIPMENT AND SYSTEM FOR FORWARDING SHORT MESSAGE

(51) International classification :H04W88/16
(31) Priority Document No :200910161574.6
(32) Priority Date :04/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073362
Filing Date :28/05/2010
(87) International Publication No : NA
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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1)Lang LIN
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3)Xiaojia CHEN
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(57) Abstract :

The invention provides a method, equipment and system for forwarding a short message. When a roaming terminal roams in a network under a destination gateway conforming to an international standard signaling interworking specification of MAPv1 version, the destination gateway receives a routing information inquiry request for inquiring an address of a present MSC (Mobile Switching Center) of the roaming terminal sent by a source gateway, and inquires of a destination HLR (Home Location Register) about the address of the present MSC of the roaming terminal; the destination gateway sends a routing information inquiry response to the source gateway to instruct the source gateway to send the short message; the destination gateway receives the short message sent from the source gateway to the roaming terminal, and forwards the short message to the MSC according to the address of the present MSC of the roaming terminal obtained by the inquiring. The invention solves the problem that the short message can not be sent to the roaming terminal which is roaming in another operator network under MAPv1 version of GSM.

No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/02/2012

(21) Application No.1798/CHENP/2012 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : PREPARATION OF ACETIC ACID

(51) International classification	:C07C51/12
(31) Priority Document No	:12/583,871
(32) Priority Date	:27/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/002026
Filing Date	:19/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)NGUYEN Chuc Tu

3)BRTKO Wayne J.

4)SALISBURY Brian A.

(57) Abstract :

A method for reducing aldehydes in an acetic acid production process is disclosed. The acetic acid is produced by reacting methanol and carbon monoxide in the presence of a carbonylation catalyst. The method comprises reacting an aldehyde-containing stream with an alcohol to form an acetal-containing stream. An acetal-enriched stream is separated from the acetal-containing stream and then hydrolyzed to form a hydrolysis mixture comprising the alcohol and the aldehydes. The alcohol is isolated from the hydrolysis mixture and used to react with the aldehyde-containing stream to form the acetal-containing stream. The invention reduces aldehydes in the acetic acid produced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1799/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MUC1 ANTIBODIES

(51) International classification :C07K16/30

(31) Priority Document No :09009942.5

(32) Priority Date :31/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/004663

Filing Date :30/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(72)Name of Inventor :

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2)DANIELCZYK Antje

3)STAHN Renate

4)KARSTEN Uwe

(57) Abstract :

The present invention pertains to anti-mucin antibodies having improved antigen binding and/or recognition properties as well as a method for improving the antigen binding and/or recognition of an anti-mucin antibody. In particular the present invention is directed to anti-MUC1 antibodies which are useful in the treatment of cancer.

No. of Pages : 112 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROTECTIVE NOZZLE CAP&NBSP; PROTECTIVE NOZZLE CAP RETAINER&NBSP; AND ARC PLASMA TORCH HAVING SAID PROTECTIVE NOZZLE CAP AND/OR SAID PROTECTIVE NOZZLE CAP RETAINER

(51) International classification :H05H1/34
(31) Priority Document No :10 2009 037 376.4
(32) Priority Date :11/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/000921
Filing Date :04/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(72)Name of Inventor :

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2)Frank LAURISCH

3)Timo GRUNDKE

4)Martin KROSCHWALD

(57) Abstract :

Nozzle protection cap for an arc plasma torch, comprising a front end section and a rear end section with a thread region on its inner surface for screwing to a torch body of an arc plasma torch, characterised in that at least one groove crosses the thread region on the inner surface, nozzle protection cap holder for an arc plasma torch, comprising a section with a thread region on its outer surface for screwing to a nozzle protection cap of an arc plasma torch, characterised in that at least one groove crosses the thread region on its outer surface, and arc plasma torch, comprising: a torch body and a nozzle protection cap screwed thereto in a screw connection region, characterised in that the torch body and / or the nozzle protection cap is / are designed so that at least one channel is formed between them which crosses the screw connection region.

No. of Pages : 22 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :27/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : AN IMPROVED METHOD OF AND APPARATUS FOR MAKING A COMPOSITE MATERIAL

(51) International classification :B29C70/44
(31) Priority Document No :0916019.3
(32) Priority Date :14/09/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051540
Filing Date :14/09/2010
(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

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1)FERGUSON ALEXANDER

(57) Abstract :

The invention discloses a method of making a composite material comprising the steps of: positioning dry fabric reinforcement around at least part of a tool; hermetically sealing a vacuum bag around the dry fabric reinforcement and the tool; creating pressure differential between the inside of the vacuum bag and the outside of the vacuum bag such that the pressure within the vacuum bag is less than the pressure outside the vacuum bag; introducing resin into the dry fabric reinforcement; and curing the resin. The invention further discloses apparatus for making a composite material in accordance with the method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1868/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MULTI-LAYER OPTICAL DISC□

(51) International classification	:G11B7/24
(31) Priority Document No	:2009136392
(32) Priority Date	:28/09/2009
(33) Name of priority country	:Russia
(86) International Application No	:PCT/RU2010/000510
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

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1)KIYKO Vadim Veniaminovich

(57) Abstract :

The invention relates to three-dimensional optical memory devices and can be used in all areas of computing in which it is necessary to record large data files on compact carriers. The claimed device can also be used for recording, storing and playing back video and audio recordings. A multi-layer optical disc consists of a series of alternating layers of optically transparent materials arranged in groups that comprise a layer of a material with a refraction index n_1 enclosed between a layer of a material with a refraction index n_2 , which satisfies the relationship n_2

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1814/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PARABOLIC TROUGH COLLECTOR

(51) International classification :F24J
(31) Priority Document No :10 2009 039 021.9
(32) Priority Date :28/08/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/062343
Filing Date :24/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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4)WIDMAYER Mathias
5)SCHIEL Wolfgang

(57) Abstract :

The invention relates to a parabolic trough collector (14) comprising a parabolic mirror support structure (1) having a parabolic mirror surface applied thereto and an absorber support structure supporting an absorber tube (12) wherein both support structures are mechanically attached to each other in a fixed relative position on a torsion tube (2) which is disposed below the parabolic mirror surface and together with which both support structures are pivotally mounted about the rotational longitudinal axis of a parabolic trough collector. The aim of the invention is to reduce the design effort for the production of a parabolic mirror support structure and to increase the usable mirror surface. This is achieved by arranging the torsion tube (2) such that the rotational longitudinal axis of the parabolic trough collector coincides with the center longitudinal axis of the torsional tube (2).

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

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : HIGH STRENGTH CARBO SUBSTANCES

(51) International classification	:C09B67/46
(31) Priority Document No	:09168968.7
(32) Priority Date	:28/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/062291
Filing Date	:24/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A black colouring substance comprising carbo vegetabilis as a black pigment. The colouring substance may be used as a colouring agent in the manufacture of e.g. food and pharmaceutical products.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1857/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE FOR RECORDING ERASING AND READING DATA ON A MULTI-LAYER OPTICAL DISC□

(51) International classification	:G11B7/002
(31) Priority Document No	:2009136388
(32) Priority Date	:25/09/2009
(33) Name of pri□rity country	□Russia
(86) International Application No	:PCT/RU2010/000508
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

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(57) Abstract :

The invention relates to three-dimensional optical memory devices and can be used in all areas of computing in which it is necessary to record large data files on compact carriers and also for recording erasing and reading video data for example in independent video viewing systems. The device comprises an optical disc positioning system a source of radiation with two different wavelengths that is optically coupled to a focusing system focusing system positioning means and an optical sensor that is optically coupled to the focusing system via a spectrum splitter and an adjustable spectrum selector situated between the source of radiation with two different wavelengths and the spectrum splitter wherein the focusing system is designed with longitudinal chromatic aberration at the given wavelengths.

No. of Pages : 23 No. of Claims : 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1870/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE FOR RECORDING AND READING DATA ON A MULTI-LAYER OPTICAL DISC

(51) International classification :G11B7/002
(31) Priority Document No :200913689
(32) Priority Date :25/09/2009
(33) Name of priority country :Russia
(86) International Application No :PCT/RU2010/000509
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

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(57) Abstract :

The invention relates to three-dimensional optical memory devices and can be used in all areas of computing in which it is necessary to record large data files on compact carriers. The device comprises an optical disc positioning system, two sources of radiation with the wavelengths 1 and 2, a focusing system, an illumination system, focusing system positioning means, a spectrum splitter, an optical sensor, and a control unit. The source of radiation with the wavelength 2 is in the form of a strip of laser diodes, the optical axes of which are parallel and lie in the same plane, and the illumination system comprises the following components arranged in series along the optical axis: a cylindrical lens positioned so that the generatrix of its cylindrical surface is parallel to the plane in which the p-n junctions of the laser diodes are situated; a focusing lens; and a stabilizing circuit comprising a beam splitter that is situated between the focusing lens and the cylindrical lens, a second optical sensor that is optically coupled to the focusing lens via the beam splitter, and a stabilizer that is coupled to the focusing lens, wherein the stabilizer and the second optical sensor are electrically connected to the control unit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1834/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVISIONING COMPUTING RESOURCES

(51) International classification :G06F
(31) Priority Document No :61/238,617
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045362
Filing Date :12/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)SAVJANI Vipul

(57) Abstract :

A method computer-readable medium and system for provisioning computing resources across multiple cloud providers and/or data centers are disclosed. A graphical user interface is used to select a plurality of computing resources and at least one cloud provider and/or at least one data center for providing the plurality of computing resources. Scripts associated with the at least one cloud provider and/or at least one data center are accessed where each script is capable of automatically setting up a computing resource on an associated cloud provider or associated data center. The scripts are then used to automatically allocate and/or configure the computing resources on the at least one cloud provider and/or at least one data center. As such computing resources can be automatically provisioned using a generic graphical user interface and without a user having skills or credentials specific to each cloud provider and/or data center.

No. of Pages : 95 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1835/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING ACCESS TO COMPUTING RESOURCES

(51) International classification :G06F
(31) Priority Document No :61/238,617
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045350
Filing Date :12/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A method computer-readable medium and system for providing access to computing resources provisioned across multiple cloud providers and/or data centers is disclosed. A graphical user interface may be used to display a plurality of computing resources which are provisioned across at least one cloud provider and/or at least one data center where the plurality of computing resources may implement a virtual machine a plurality of virtual machines of a cloud computing environment etc. In response to a selection of the computing resources using the graphical user interface the plurality of computing resources may be launched and/or configured on the at least one cloud provider and/or at least one data center which provide the computing resources. Access to the plurality of computing resources may then be provided using the graphical user interface.

No. of Pages : 96 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1836/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND SYSTEM FOR MONITORING USAGE OF COMPUTING RESOURCES

(51) International classification :G06F
(31) Priority Document No :61/238,617
(32) Priority Date :31/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045334
Filing Date :12/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A method computer-readable medium and system for monitoring usage of computing resources provisioned across multiple cloud providers and/or data centers are disclosed. Events associated with usage of a plurality of computing resources may be accessed where the plurality of computing resources may implement a virtual machine a plurality of virtual machines of a cloud computing environment etc. The events may be associated with a start a stop a status change etc. of the plurality of computing resources. The events may be used to generate usage data for the plurality of computing resources. The usage data may include historical data associated with previous usage of the plurality of computing resources. Additionally the usage data may be displayed using a graphical user interface thereby enabling monitoring and/or tracking of usage of computing resources provisioned across at least one cloud provider and/or at least one data center.

No. of Pages : 95 No. of Claims : 27

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1874/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : CONTROLLING METHOD SYSTEM AND DEVICE FOR HOOK DEVIATION□

(51) International classification :B66C23/88
(31) Priority Document No :200910171349.0
(32) Priority Date :27/08/2009
(33) Name of priority country :□hina
(86) International Application No :PCT/CN2010/074325
Filing Date :23/06/2010
(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

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(72)**Name of Inventor :**
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2)DENG Lianxi
3)YAN Sui

(57) Abstract :

A controlling method for a hook deviation to regulate the deviation angle of a telescopic crane hook, involves following steps: A. Detecting the deviation angle and deviation direction of a rope, which is linked to the hook, in the horizontal plane relative to the direction of gravitational force; B. Judging whether the deviation angle is more than the predetermined value, if the deviation angle is more than the predetermined value, then turning to step C, and if the deviation angle is less than the predetermined value, then turning to step A; C. Compensatively controlling the deviation angle of the hook according to the deviation angle and direction. And a controlling system for the hook deviation and a controlling device for the hook deviation are provided. The method or system or device enables the detection of the deviation angle and direction of the hook in a quick and precise manner, and the compensatory control of the deviation angle of the hook is performed according to the detected deviation angle and direction, thus it avoids overdependence on human factor and reduces potential safety risks.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1869/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : IMPROVED MULTI-FUNCTION SPECIMEN BOX

(51) International classification	:G01N1/02
(31) Priority Document No	:200920075562.7
(32) Priority Date	:30/07/2009
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2010/073492
Filing Date	:03/06/2010
(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

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(57) Abstract :

A modified multi-function specimen box is provided. The modified multi-function specimen box includes a box body (1). A box cover (2) is disposed on an opening of the box body (1). A fixed rotary spindle (4) is disposed on the box cover (2). The fixed rotary spindle (4) is capable of freely rotating with respect to the box cover (2). A sampling spoon (5) is disposed at the bottom of the fixed rotary spindle (4). A filter screen (3) is disposed in an inner cavity of the box body (1) in a direction perpendicular to the box cover (2) and the filter screen (3) divides the box body (1) into a liquid addition cavity (11) and a liquid suction cavity (12). The present invention achieves the dilution uniform mixing and filtration of a specimen.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1877/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING PERFORMANCE OF RANDOM ACCESS CHANNEL

(51) International classification :H04W24/00
(31) Priority Document No :200910190306.7
(32) Priority Date :16/09/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074867
Filing Date :30/06/2010
(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

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(57) Abstract :

The present invention discloses a method for detecting performance of a random access channel comprising: setting a maximum utilization ratio threshold and a first average utilization ratio threshold and obtaining a maximum utilization ratio and an average utilization ratio of the random access channel; wherein when the maximum utilization ratio is higher than the maximum utilization ratio threshold and the average utilization ratio is higher than the first average utilization ratio threshold the random access channel is in a congestion status; thereby implementing detection of a load status of the random access channel.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1878/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR TRAFFIC MANAGEMENT□

(51) International classification :G08G1/01
(31) Priority Document No :200910211312.6
(32) Priority Date :30/10/2009
(33) Name of priority country :China
(86) International Application No :PCT/EP2010/065586
Filing Date :18/10/2010
(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

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(57) Abstract :

A method for determining travel time of a vehicle on a road by collecting historical communication events of a mobile user in order to obtain travel samples; determining from the cell handover sequence one of more road segments of the monitored road; determining the travel time of the one or more road segments according to the travel time samples; selecting for an undetermined road segment of the monitored road for which the real-time travel time is not determined from the collected historical communication events a candidate mobile user that is most likely to appear on the undetermined road segment; actively positioning the candidate mobile user to obtain positioning information; returning to the step of collecting communication events of a mobile user currently on a monitored road with the active positioning as one communication event for the candidate mobile user to determine the real-time travel time of the undetermined road segment.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1879/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : SOUNDPROOFING DEVICE FOR THE PASSENGER COMPARTMENT OF A VEHICLE IN PARTICULAR AN AUTOMOBILE

(51) International classification :B60R13/02
(31) Priority Document No :0955928
(32) Priority Date :31/08/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051797
Filing Date :30/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)TRAMICO
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2)PHILIP Stphan
3)MOUGNARD Laurent
4)CHARY Olivier

(57) Abstract :

The invention relates to a soundproofing device for the passenger compartment of a vehicle (10) to be positioned between a sheet metal panel of the vehicle bodywork (12) and an inner trimming panel (14). The device comprises a polymer foam plate (20) impregnated with a mixture of an inorganic filler and an organic binder the foam plate (20) being shaped so as to be in close contact with the sheet metal panel of the bodywork (12) and with the inner trimming panel (14). The invention further relates to an inner trimming System for the passenger compartment of a vehicle comprising an inner trimming panel (14) for covering a sheet metal panel of the vehicle bodywork (12) and such a device. The invention further relates to a vehicle provided with such a System. The invention can be used in automobiles.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1871/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : POLYMERIZABLE IONIC LIQUID COMPRISING MULTIFUNCTIONAL CATION AND ANTISTATIC COATINGS

(51) International classification :C07C229/16
(31) Priority Document No :61/237,992
(32) Priority Date :28/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/046411
Filing Date :24/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

A multifunctional polymerizable ionic liquid is described comprising an anion and a cationic group having at least two ethylenically unsaturated polymerizable groups each bonded to the cationic group via a divalent non-alkyl linking group. The multifunctional linking groups independently comprise a heteroatom such as oxygen or nitrogen. The linking groups may independently comprise one or more linkages such as an amide urea or ether linkage and more typically a urethane or ester linkage. The ethylenically unsaturated polymerizable groups are typically (meth)acrylate groups. Coatings and coated articles are also described.

No. of Pages : 46 No. of Claims : 52

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1872/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ABRASIVE ARTICLE HAVING A LINE OF WEAKNESS

(51) International classification :B24D11/02

(31) Priority Document No :61/237,947

(32) Priority Date :28/08/2009

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

(86) International Application No :PCT/US2010/046770

Filing Date :26/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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2)MOEGENBURG Brant A

3)SWANSON Mark A.

4)SCHUKNECHT Schoen A.

5)WALD Charles R

(57) Abstract :

A coated abrasive article (1) comprises a backing (3) having an abrasive coating (5) on one side an attachment layer (7) on the other side of the backing and a line of weakness (9) that does not penetrate the front face of the abrasive coating (5). The line of weakness which may be formed using a laser beam comprises a through-cut (11) in the attachment layer (7) and perforations (13) in the backing (3) and permits one part of the abrasive article (1) to be separated from another part. Alternatively the abrasive article can be used in its original form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1883/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : TERNARY COMPOSITIONS FOR LOW-CAPACITY REFRIGERATION

(51) International classification :C09K3/30
(31) Priority Document No :0956249
(32) Priority Date :11/09/2009
(33) Name of priority country :France
(86) International Application No :PCT/FR2010/051747
Filing Date :20/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)ARKEMA FRANCE
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(72)Name of Inventor :
1)RACHED Wissam

(57) Abstract :

The invention relates to compositions containing 2,3,3,3-tetrafluoropropene and to the uses thereof as heat transfer fluids, expansion agents, solvents and aerosols. The invention specifically relates to compositions essentially containing between 10 and 90 wt. % of 2,3,3,3-tetrafluoropropene, between 5 and 80 wt. % of HFC-134a and between 5 and 10 wt. % of HFC-32.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1884/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : MASTERBATCH COMPOSITION HAVING A HIGH POLYMER PROCESSING AID

(51) International classification :B01F17/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2009/056009

Filing Date :04/09/2009

(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

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(57) Abstract :

A masterbatch composition is provided that includes a colorant a thermoplastic carrier a high polymer processing aid and optionally an additive. Also provided is a method for making a masterbatch composition and a method for making a colored polymer.

No. of Pages : 25 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1885/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : INDUSTRIAL PROCESS CONTROL TRANSMITTER WITH MULTIPLE SENSORS□

(51) International classification :G05B19/042

(31) Priority Document No :61/244,609

(32) Priority Date :22/09/2009

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

(86) International Application No :PCT/US2010/049071

□ Filing Date :16/09/2010

(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

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(57) Abstract :

An industrial process control transmitter (16) includes a first input configured to couple to a first sensor and a second input configured to couple to a second sensor. Measurement circuitry (68) is configured to provide an output related to a sensed process variable. A multiplexer (66) is configured to selectively couple the first and second inputs to the measurement circuitry (68). An equalizer circuit (100) is coupled to the output of the multiplexer (66) and configured to bring the selectively coupled First or second input and the measurement circuit to a common voltage potential

No. of Pages : 19 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

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

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ANCHORS WITH OPEN HEADS□

(51) International classification	:A61F2/04
(31) Priority Document No	:61/276,381
(32) Priority Date	:11/09/2009
(33) Name of priority country	:U.S.A.
(86) International Applicatio□ No	:PCT/US2010/048444
Filing Date	:10/09/2010
(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

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5)LOPER James
6)PARKER Ian K.
7)LEVINE Andy H.

(57) Abstract :

An implant (100) includes a protrusion (110) with an open or rounded loop (112) (or open head) connected to a collapsible anchor. The protrusion may include a straight length of wire (114) or a helical length wire, with one or more wire loops (112) at the end of the length forming the loop. Upon deployment within the gastrointestinal tract, the protrusion expands from a collapsed state, alongside the anchor, to a relaxed state, in which the protrusion extends outward from the anchor. As the protrusion expands to its relaxed state, it pushes the loop into the wall of the duodenum, causing the loop to penetrate the duodenal wall. A pocket of scar tissue forms about the head and possibly through an opening in the head, securing the anchor within the duodenum. The implant may also include a thin-walled sleeve that is coupled to the anchor and extended from the anchor into the intestine.

No. of Pages : 35 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1880/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR PREPARATION OF PYRIMIDINYLACETONITRILE DERIVATIVES AND INTERMEDIATES FOR SYNTHESIS THEREOF

(51) International classification	:C07D239/52
(31) Priority Document No	:2009-200158
(32) Priority Date	:31/08/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/005171
Filing Date	:23/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

Provided is a process by which pyrimidinylacetonitrile derivatives can be prepared easily and efficiently from industrially available raw materials. Also provided are intermediates for the synthesis of the derivatives. A process for the preparation of pyrimidinylacetonitrile derivatives represented by general formula (3) [wherein X is a halogen atom and R is an alkoxymethyl group] characterized by reacting a 2,4-dihalogeno-6-nitrobenzene derivative represented by general formula (1) [wherein X and R are each as defined above] with 4,6-dimethoxy-2-cyanomethylpyrimidine represented by general formula (2) [wherein Me represents a methyl group] in the presence of a base; and intermediates for the synthesis of the pyrimidinylacetonitrile derivatives.

No. of Pages : 73 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1881/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS TO REDUCE SETTLING RATE OF SOLIDS IN A TREATMENT FLUID

(51) International classification :E21B43/26

(31) Priority Document No :12/551,081

(32) Priority Date :31/08/2009

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

(86) International Application No :PCT/IB2010/053728

Filing Date :18/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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6)STILL John W.

(57) Abstract :

The invention discloses a method of treating a subterranean formation of a well bore: providing a treatment fluid made of: a fluid; a particulate material and a viscosifier material; wherein the viscosifier material is inactive in a first state and is able to increase viscosity of the treatment fluid when in a second state; introducing the treatment fluid into the wellbore; and providing a trigger able to activate the viscosifier material from first state to second state.

No. of Pages : 30 No. of Claims : 51

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1882/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COSMETIC COMPOSITIONS COMPRISING MANILKARA MULTINERVIS AND EXTRACTS THEREOF

(51) International classification	:A61K8/97
(31) Priority Document No	:EP09011147
(32) Priority Date	:31/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/000435
Filing Date	:26/01/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)BARDEY Vincent

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(57) Abstract :

The present invention is directed to the use of Manilkara multinervis preferably the use of an extract of Manilkara multinervis for the preparation of or in a cosmetic composition.

No. of Pages : 41 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :29/02/2012

(21) Application No.1900/CHENP/2012 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS

(51) International classification :C01G49/00
(31) Priority Document No :0913525.2
(32) Priority Date :03/08/2009
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2010/051271
Filing Date :02/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)RICKARD Christopher John

(57) Abstract :

There is provided a method of producing a mixed metal compound comprising at least Mg₂t and at least Fe₃ having an aluminium content of less than 10000 ppm, having an average crystal size of less than 20nm (200A) comprising the steps of: (a) combining a Mg₂t salt and a Fe₃ salt with Na₂CO₃ and NaOH to produce a slurry, wherein the pH of the slurry is maintained at from 9.5 to 11, and wherein the Na₂CO₃ is provided at an excess of 0 to 4.0 moles than is required to complete the reaction (b) subjecting the slurry to mixing under conditions providing a power per unit volume of 0.03 to 1.6kW/m³ (c) separating the mixed metal compound from the slurry, to obtain a crude product having a dry solid content of at least 10 wt% (d) drying the crude product either by (i) heating the crude product to a temperature of no greater than 150°C and sufficient to provide a water evaporation rate of 0.05 to 1.5 kg water per hour per kg of dry product, or (H) exposing the crude product to rapid drying at a water evaporation rate of 500 to 50000 kg water per hour per kg of dry product.

No. of Pages : 119 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1901/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : AFFINITY-MATURED HUMANIZED ANTI CEA MONOCLONAL ANTIBODIES

(51) International classification :C07K16/30

(31) Priority Document No :61/238,505

(32) Priority Date :31/08/2009

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

(86) International Application No :PCT/EP2010/062527

Filing Date :27/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

The present invention relates to antigen binding molecules (ABMs). In particular embodiments the present invention relates to recombinant monoclonal antibodies including chimeric primatized or humanized antibodies or variants thereof specific for cell surface or membrane bound human CEA. In addition the present invention relates to nucleic acid molecules encoding such ABMs and vectors and host cells comprising such nucleic acid molecules. The invention further relates to methods for producing the ABMs of the invention and to methods of using these ABMs in treatment of disease. In addition the present invention relates to ABMs with modified glycosylation having improved therapeutic properties including antibodies with increased Fc receptor binding and increased effector function.

No. of Pages : 175 No. of Claims : 97

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1875/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COUNTERWEIGHT LOADING AND UNLOADING DEVICE AND MOVABLE CRANE□

(51) International classification :B66C23/72
(31) Priority Document No :200910166487.X
(32) Priority Date :19/08/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/074370
Filing Date :24/06/2010
(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

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(72)Name of Inventor :
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3)ZHANG Xin

(57) Abstract :

A counterweight loading and unloading device and a movable crane have a freestanding pallet (10) with two ends whose upper end faces are used for holding a counterweight (61). The two ends of the freestanding pallet (10) are both equipped with a cavity, and at least one telescopic oil cylinder (11, 12, 13, and 14) is provided in the cavity. A fixed end of the telescopic oil cylinder is fixed with the freestanding pallet (10), and a telescopic end of the telescopic oil cylinder is coupled with a pallet lifting mechanism for lifting the freestanding pallet. The device is not limited by a planar space of a vehicle frame and a turntable height of the movable crane. An integral dimension of the movable crane is not increased, thus preventing integral dimension of the movable crane from exceeding a road traveling standard. The structure of the device is more compact, and the telescopic oil cylinder plays a role of the counterweight, thus enabling stress of the turntable to be more reasonable.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1876/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :28/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : FAULT LOCATION METHOD AND SYSTEM

(51) International classification :G01R31/08
(31) Priority Document No :2009-182865
(32) Priority Date :05/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/004852
Filing Date :30/07/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

According to an embodiment a fault point location method of locating a fault point by using a voltage and a current of each terminal of a transmission line to be located and a transmission line constant is disclosed. According to the method a formula simplified by a secondary approximation using an approximation of a hyperbolic function from a basic equation of a distributed constant circuit equation using the hyperbolic function or a formula simplified by a division of both sides by the hyperbolic function is determined. A location distance from a predetermined end of the transmission line to the fault point is calculated by using the simplified formula.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1911/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF 1-BENZYL-3-HYDROXYMETHYL-1H-INDAZOLE AND ITS DERIVATIVES AND REQUIRED MAGNESIUM INTERMEDIATES

(51) International classification	:C07D 231/56
(31) Priority Document No	:09425314.3
(32) Priority Date	:03/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060937
Filing Date	:28/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The present invention relates to the process for the preparation of 1-benzyl-3-hydroxymethyl-1H-indazole according to formula (II) to be used in a subsequent process for the preparation of 1-benzyl-3-hydroxymethyl-1H-indazole according to formula (I)

No. of Pages : 36 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1912/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : FOOD FORMULATION COMPRISING GLYCOGEN

(51) International classification :A23L 1/056

(31) Priority Document No :09425315.0

(32) Priority Date :03/08/2009

(33) Name of priority country :Argentina

(86) International Application No :PCT/EP2010/061002

Filing Date :29/07/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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1)RUSSO Vincenzo

2)LIBERATI Elisa

(57) Abstract :

The present invention relates to a food formulation for the controlled release of glucose comprising glycogen and at least one other edible component as well the use of glycogen for its preparation.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1913/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : TRAFFIC ROUTING USING INTELLIGENT TRAFFIC SIGNALS GPS AND MOBILE DATA DEVICES

(51) International classification	:G08G 1/095
(31) Priority Document No	:61/233,123
(32) Priority Date	:11/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038863
Filing Date	:16/06/2010
(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)ON TIME SYSTEMS INC.
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Eugene OR 97401 United states of America
(72)**Name of Inventor :**
1)GINSBERG Matthew L.
2)AUSTIN Matthew M.
3)CHANG Paul A.C.
4)MATTISON Stephen C.

(57) Abstract :

A traffic routing system reduces emissions from commuter and other traffic eases congestion on roadways and decreases transit time by use of communications among vehicles and traffic controls such as traffic lights. In one aspect a traffic light receives a signal that a vehicle is approaching and in response turns green to allow the vehicle to pass without impairment. In another aspect a vehicle receives a signal to adjust a current rate of speed to arrive when a traffic signal allows vehicles to pass. In still another aspect a combination of congestion emergency traffic roadwork and similar factors influence proposed routes sent to vehicles.

No. of Pages : 37 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1902/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : BATTERY CHARGER AND BATTERY CHARGER ATTACHING STRUCTURE

(51) International classification	:B62J9/00	(71)Name of Applicant :	
(31) Priority Document No	:PCT/JP2009/065220	1)HONDA MOTOR CO. LTD	
(32) Priority Date	:31/08/2009	Address of Applicant :1-1 Minami-Aoyama 2-chome Minato-	
(33) Name of priority country	:PCT	ku Tokyo 107-8556 Japan	
(86) International Application No	:PCT/JP2009/066112	(72)Name of Inventor :	
Filing Date	:15/09/2009	1)NAKAMURA Masanori	
(87) International Publication No	: NA	2)SATO Ryo	
(61) Patent of Addition to Application	:NA	3)IWAKAMI Hiroshi	
Number	:NA	4)TAKENO Atsuro	
Filing Date	:NA	5)KUBOTA Yoshitaka	
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

Provided are a battery charger, which is a different body from a vehicle and the durability, performance, etc., of which are maintained, and a battery charger attaching structure. The battery charger attaching structure comprises: a battery (18); a battery charger (200) being a different body from a vehicle (10) and charging the battery (18); an electric motor (16) for generating driving force on the basis of the power supplied from the battery (18); vehicle covers (12, 54, 55, 62) for covering the vehicle (10); and an attachment portion (96) provided on the vehicle covers and used for attaching the battery charger (200) on the side of the vehicle (10). The attachment portion (96) is provided at an upper part on a leg shield (55).

No. of Pages : 45 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1903/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COATING AGENT COMPRISING HYDROXYALKYL CELLULOSE

(51) International classification	:C09D101/26
(31) Priority Document No	:2009-202247
(32) Priority Date	:02/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064686
Filing Date	:30/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NIPPON SODA CO. LTD.

Address of Applicant :of 2-1 Ohtemachi 2-chome Chiyoda-ku Tokyo 100-8165 Japan

(72)Name of Inventor :

1)MASUE Yusuke

(57) Abstract :

There are provided a coating agent containing a hydroxyalkyl cellulose in which a content of hydroxyalkyl groups within the hydroxyalkyl cellulose is within a range of 40 to 50% by mass preferably a coating agent containing a hydroxyalkyl cellulose in which the content of hydroxyalkyl groups is within a range of 40 to 50% by mass and also a viscosity of 2% aqueous solution at 20°C is within a range of 3.0 to 5.9 mPas; and a solid preparation coated with the coating agent.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2841/CHE/2011 A

(19) INDIA

(22) Date of filing of Application :19/08/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SANDBAG

(51) International classification	:B65B
(31) Priority Document No	:099128220
(32) Priority Date	:24/08/2010
(33) Name of priority country	:Taiwan
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GOLD-JOINT INDUSTRY CO., LTD.
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TAICHUNG CITY, TAIWAN China
(72)**Name of Inventor :**
1)WANG, CHIN-FENG

(57) Abstract :

A sandbag (10,10A,10B,10C,10D,10E,10F) is made of synthetic fibers, is an integral, woven, hollow and elongated element and has an upper cloth (11,11A), a lower cloth (12,12A), two lateral strengthened strips (13,13A,13B,13D,13E,13F), a stuffing space (15) and an inlet (16). The lower cloth (12,12A) is woven with the upper cloth (11,11 A). The lateral strengthened strips (13,13A,13B,13D,13E,13F) are respectively formed on two opposite sides of the sandbag (10,10A,10B,10C,10D,10E,10F) and are integrally woven with where long sides of the upper cloth (11,11A) and the lower cloth (12,12A) are connected. The sandbag (10,10A,10B,10C,10D,10E,10F) is produced as an integral element and has the lateral strengthened strips (13,13A,13B,13D,13E,13F), so the structural strength of the sandbag (10,10A, 10B, 10C, 10D, 10E, 10F) is greatly enhanced and a lifespan of the sandbag (10,10A,10B,10C,10D,10E,10F) is prolonged.

No. of Pages : 20 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.324/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : POWER AMPLIFIER WITH SWITCHED OUTPUT MATCHING FOR MULTI-MODE OPERATION

(51) International classification :H04B1/04
(31) Priority Document No :61/228,511
(32) Priority Date :24/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043156
Filing Date :23/07/2010
(87) International Publication No :WO 2011/011757 A1
(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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DIEGO, CALIFORNIA 92121 U.S.A.
(72)**Name of Inventor :**
1)NATHAN M. PLETCHER
2)ARISTOTELE HADJICHRISTOS
3)YU ZHAO
4)BABAK NEJATI

(57) Abstract :

Exemplary embodiments are directed to a transmitter with a power amplifier and a switched output matching circuit implementing a plurality of output paths for a plurality of operating modes is described. The power amplifier receives an input RF signal and provides an amplified RF signal. An output matching network performs impedance transformation from low impedance at the power amplifier output to higher impedance at the matching network output. The plurality of output paths are coupled to the output matching network. Each output path provides a different target output impedance for the power amplifier and routes the amplified RF signal from the power amplifier to an antenna when that output path is selected. Each output path may include a matching network coupled in series with a switch. The matching network provides the target output impedance for the power amplifier when the output path is selected. The switch couples or decouples the output path to/from the power amplifier.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1892/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PACKET COMMUNICATION SYSTEM COMMUNICATION METHOD AND PROGRAM

(51) International classification :H04W 40/34

(31) Priority Document No :2009-271997

(32) Priority Date :30/11/2009

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2010/069696

Filing Date :05/11/2010

(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)INTERNATIONAL BUSINESS MACHINES CORPORATION

Address of Applicant :New Orchard Road Armonk New York 10504 United states of America

(72)Name of Inventor :

1)YASUNAO KATAYAMA

2)YASUSHI NEGISHI

3)ATSUYA OKAZAKI

(57) Abstract :

To provide a system and a communication method which enable efficient packet communication by transmitting and receiving multiple packets exclusively in time and space that includes multiple nodes performing radio communication. Each node stores routing information therein and determines a transmission path by use of the routing information and performs cut-through transmission by transmitting and receiving packets to a transfer destination node and from a transfer source node on the determined transmission path through transmission and reception radio waves each given a certain directivity by controlling their phases. In the system time synchronization and transmission and reception of packet communication records are performed during a certain time period by carrying out the cut-through transmission while controlling the phases of the transmission and reception radio waves so that all of the nodes form one or more closed loops.

No. of Pages : 36 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1908/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR PREPARING MONONITRATED ORGANIC COMPOUNDS

(51) International classification :C07C 205/06

(31) Priority Document No :09169016.4

(32) Priority Date :31/08/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/062176

Filing Date :20/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BASF SE

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(72)Name of Inventor :

1)DENISSEN Leo

2)STROEFER Eckhard

3)ARNDT Jan-Dirk

4)MATTKE Torsten

5)HEINEN Kerstin

6)LESCHINSKI Julia

(57) Abstract :

The present invention relates to a process for continuously preparing a mononitrated organic compounds especially to a process for preparing mononitrobenzene. The invention relates more particularly to an improved continuous adiabatic process for preparing nitrobenzene.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1909/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ILLUMINATING APPARATUS AND DISPLAY APPARATUS

(51) International classification :F21S 2/00
(31) Priority Document No :2009-199218
(32) Priority Date :08/01/2009
(33) Name of priority country :Argentina
(86) International Application No :PCT/JP2010/054308
Filing Date :15/03/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SHARP KABUSHIKI KAISHA
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2)SHARP KABUSHIKI KAISHA
(72)Name of Inventor :
1)FUJIWARA Kohji
2)FUJIWARA Kohji
3)MURAI Takayuki
4)MURAI Takayuki
5)LEW Kingfoong
6)LEW Kingfoong

(57) Abstract :

Provided is a backlight unit (49) which includes a plurality of LEDs (11). The LEDs (11) are two-dimensionally disposed thereby having the collection of light emitted from the LEDs (11) in a state of planar light. Furthermore the backlight unit (49) has the planar light divided into a plurality of sections and includes a luminance variable system (for instance a system having disposition which a difference in the density of LEDs (11)) which can change luminance corresponding to each section.

No. of Pages : 78 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1910/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHT BULB SHAPED LAMP AND LIGHTING APPARATUS

(51) International classification :F21S 2/00
(31) Priority Document No :2010-288609
(32) Priority Date :24/12/2010
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2011/005331
Filing Date :22/09/2011
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)Panasonic Corporation
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(72)Name of Inventor :
1)MATSUDA Tsugihiko
2)TAKEUCHI Nobuyoshi
3)NAGAI Hideo
4)MIKI Masahiro
5)UEMOTO Takaari

(57) Abstract :

A light bulb shaped lamp capable of achieving light-distribution property equivalent to that of a conventional incandescent light bulb and easily fixing the LED module in the lamp is provided. An light bulb shaped lamp (1) according to the present invention includes: an LED module (20) housed in a hollow globe (10); and a fixing component (40) for fixing the LED module (20) the LED module (20) includes: a translucent board (21) having a first main surface (21a) and a second main surface (21b); and an LED (22) mounted on the first main surface (21a) of the board (21). The board (21) includes a first light-emitting area (LA1) and a second light-emitting area (LA2) the first light-emitting area being an area in which predetermined light by the LED (22) is emitted from the first main surface (21a) toward the globe (10) and the second light-emitting area

No. of Pages : 76 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.362/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A MONOLITHIC, SIDE PUMPED SOLID-STATE LASER AND APPLICATIONS THEREOF

(51) International classification :H01S3/0941
(31) Priority Document No :PCT/EP2009/057398
(32) Priority Date :15/06/2009
(33) Name of priority country :PCT
(86) International Application No :PCT/EP2010/003586
Filing Date :15/06/2010
(87) International Publication No :WO 2010/145802
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)PANTEC BIOSOLUTIONS AG
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RUGGELL(LI) Liechtenstein
(72)Name of Inventor :
1)BRAGAGNA, THOMAS
2)HEINRICH, ARNE

(57) Abstract :

A monolithic, side pumped solid-state laser (1) comprising a laser resonator structure (3) comprised of a laser gain medium (2) having a longitudinal axis (L), wherein the laser resonator structure (3) comprises end faces (4) forming a linear optical path resonant cavity there between, at least one of the end faces (4) comprising at least partially reflecting laser mirrors (4a, 4b) in particular deposited thereon, the laser gain medium (2) comprising a side face (2a) for receiving pump light (5a) of a pump source (5), wherein the pump light (5a) is generated by a diode laser (5), and comprising a conductive cooler (6) comprising contact faces (6c) contacting the laser gain medium (2), and comprising a reflector (7) arranged opposite to the side face (2a) with respect to the longitudinal axis (L), wherein the laser gain medium (2) is a low gain material.

No. of Pages : 97 No. of Claims : 57

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1887/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR REAL TIME DETECTION OF DEFECTS IN A FOOD PRODUCT□

(51) International classification :G06K9/00
(31) Priority Document No :12/547,075
(32) Priority Date :25/08/2009
(33) Name of priority country :U□S.A.
(86) International Application No :PCT/US2010/046171
Filing Date :20/08/2010
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :7701 Legacy Drive Plano Texas
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(72)**Name of Inventor :**
1)BOURG Wilfred Marcellien Jr.
2)MICHEL Enrique

(57) Abstract :

The present invention is a method to detect defects in a process producing a food product by utilizing multivariate image analysis. In one aspect an image is captured of the food product in the visible spectrum by on-line vision equipment multivariate image analysis is performed on the image via an algorithm programmed onto a field programmable gate array to determine if a defect exists a signal is sent to downstream sorting equipment and the sorting equipment then rejects those food products that contain defects.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1904/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : CROSS-DIPOLE ANTENNA

(51) International classification	:H01Q9/16
(31) Priority Document No	:12/534,703
(32) Priority Date	:03/08/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043767
Filing Date	:29/07/2010
(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)VENTI GROUP LLC
Address of Applicant :25351 Derbyhill Drive Laguna Hills
California-92653 U.S.A.
(72)**Name of Inventor :**
1)PAYNE William Ernest

(57) Abstract :

An apparatus has an improved antenna pattern for a cross dipole antenna. Such antennas desirably have an omnidirectional antenna pattern. Conventional cross dipole antennas exhibit nulls in their antenna patterns which can cause antennas to deviate from a standard or specification. Applicant recognized and confirmed that the connection of a coaxial cable to the antenna arms is a cause of the nulls in the antenna pattern and has devised techniques disclosed herein to compensate or cancel the effects of the connection.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1905/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : LOCK ASSEMBLY

(51) International classification :E05B 51/00

(31) Priority Document No :61/230,760

(32) Priority Date :03/08/2009

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

(86) International Application No :PCT/IL2010/000620

Filing Date :02/08/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)COMBI LOCK

Address of Applicant :Shimon Ben Zvi 53 53633 Givataim

Israel

(72)Name of Inventor :

1)JOUKOV Oleg

(57) Abstract :

A coded lock assembly is introduced in order to improve upon existing coded locks used to control access to protected areas. The lock assembly contains several micro-switches within the anterior portion that can be pushed by a push button on the posterior portion of the lock assembly. In order to unlock the lock assembly the user must turn an exterior drive handle to the proper position and press the push button. A predetermined sequence of handle turns and push button presses is required to unlock the lock.

No. of Pages : 27 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1906/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : HYDROXYPROPYL CELLULOSE PARTICLES

(51) International classification	:C08B 11/08
(31) Priority Document No	:2009-202246
(32) Priority Date	:02/09/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/064690
Filing Date	:30/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)MASUE Yusuke

(57) Abstract :

The present invention offers hydroxypropyl cellulose particles which contain 50-100 weight % of particles with a particle size that is larger than 150 um and not larger than 355 um.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1907/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :29/02/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : USE OF CATHEPSIN H

(51) International classification	:G01N 33/68
(31) Priority Document No	:09290659.3
(32) Priority Date	:31/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/062525
Filing Date	:27/08/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

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(72)**Name of Inventor :**

1)GEBAUER Mathias

2)MICHAELIS Martin

3)DING-PFENNIGDORFF Danping

4)SCHULTE Anke M.

5)METZ-WEIDMANN Christiane

(57) Abstract :

Present invention concerns the use of Cathepsin H. Other aspects of the invention concern methods for screening pharmaceuticals for diagnosing pain susceptibility and for the treatment of pain.

No. of Pages : 53 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(21) Application No.434/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DISTRIBUTED USER INTERFACES USING WEARABLE DEVICES TO CONTROL MOBILE AND CONSUMER ELECTRONIC DEVICES

(51) International classification	:G06F
(31) Priority Document No	:61/228,119
(32) Priority Date	:23/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043146
Filing Date	:23/07/2010
(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)LINSKY Joel Benjamin
2)MICHAELIS Oliver
3)JAIME Manuel Eduardo

(57) Abstract :

A method for controlling a controlled device with a device wearable on a portion of a body is disclosed. The method includes detecting relative movement between the wearable device and the portion of the body; and generating an indication of the relative movement for use in controlling the controlled device. A method for controlling a controlled device with a device wearable on a portion of a body is also disclosed. The method includes receiving a message indicating a relative movement between the wearable device and the portion of the body; and generating an action to control the controlled device based on a command associated with the relative movement. Apparatuses for performing the methods are disclosed herein as well.

No. of Pages : 44 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.436/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : A PROCESS OF DIRECT LOW-TEMPERATURE GROWTH OF CARBON NANOTUBES (CNT) AND FIBERS (CNF) ON A STEEL STRIP

(51) International classification	:C01B 31/02
(31) Priority Document No	:09007979.9
(32) Priority Date	:18/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058658
Filing Date	:18/06/2010
(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

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1)ROUT Tapan Kumar
2)GAIKWAD Anil Vilas
3)HANNOUR Fouzia

(57) Abstract :

This invention relates to process of direct low-temperature growth of carbon nanotubes and carbon nanofibres on a strip substrate and a substrate provided therewith.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.439/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR TESTING OF STACKED DIE STRUCTURE

(51) International classification :G01R 31/3185

(31) Priority Document No :12/505,215

(32) Priority Date :17/09/2009

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

(86) International Application No :PCT/US2010/024682

Filing Date :19/02/2010

(87) International Publication No : NA

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)NGUYEN Bang-Thu

(57) Abstract :

An integrated circuit device includes a stacked die (102) and a base die (101) having probe pads (306 111 -116) that directly couple to test logic (305 104) of the base die to implement a scan chain for testing of the integrated circuit device. The base die further includes contacts (107) disposed on a back side of the base die and through-die vias (310 121 -128) coupled to the contacts and coupled to programmable logic (550 314 105) of the base die. The base die also includes a first probe pad (111) configured to couple test input a second probe pad (112) configured to couple test output and a third probe pad (113) configured to couple control signals. Test logic (305) of the base die is configured to couple to additional test logic (405) of the stacked die to implement the scan chain. The probe pads (306 111 -116) are coupled directly to the test logic (305 104) such that configuration of the programmable logic (550 314 105) is not required to implement the scan chain.

No. of Pages : 38 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.500/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :13/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : LOCATION-BASED INFORMATION RETRIEVAL AND ANALYSIS

(51) International classification :G06Q30/00
(31) Priority Document No :12/508,509
(32) Priority Date :23/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/042924
Filing Date :22/07/2010
(87) International Publication No :WO 2011/011616 A1
(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)MCDONOUGH, JOHN, C.
2)STERN, HADLEY, RUPERT

(57) Abstract :

Described are methods and apparatuses, including computer program products, for tracking patterns associated with mobile devices. The system includes a server computing device configured to receive location information from a mobile device associated with a user. The location information includes location information based on GPS information sent from the mobile device. One or more activity patterns associated with the user of the mobile device are generated by the server computing device. The generating includes tracking the location information over a period of time and determining one or more categories of repeated activity based on the tracking. Also described are methods and apparatuses, including computer program products, for location-based address determination and real estate valuation. The location information includes global positioning data associated with the mobile device and photographic data associated with one or more photos taken by the mobile device and associated with the location.

No. of Pages : 37 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.634/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :18/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : CASTING MOLD

(51) International classification	:B22D11/041
(31) Priority Document No	:10 2009 037 283.0
(32) Priority Date	:14/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000937
Filing Date	:09/08/2010
(87) International Publication No	:WO 2011/018076 A1
(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)SCHMITZ, LUDWIG

(57) Abstract :

Casting mould made of copper material with a casting surface (2) facing a metal melt, characterised in that at least one expansion joint (3) is arranged in the casting surface (2), wherein the expansion joint (3) has a width (B), which is so small that no metal melt enters the expansion joint (3) during the casting process.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.6854/CHENP/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : ANTI-FGFR3 ANTIBODIES AND METHODS USING SAME

(51) International classification	:C07K16/28
(31) Priority Document No	:61/163,222
(32) Priority Date	:25/03/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/028470
Filing Date	:24/03/2010
(87) International Publication No	:WO 2010/111367 A1
(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)QING, JING
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4)WU, YAN

(57) Abstract :

The invention provides FGFR3 antibodies, and compositions comprising and methods of using these antibodies.

No. of Pages : 271 No. of Claims : 39

(12) PATENT APPLICATION PUBLICATION

(21) Application No.857/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :25/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-176926
(32) Priority Date	:29/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060087
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/013454
	A1
(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)YOSHIKAWA, TAKAHIRO

(57) Abstract :

A backlight unit 12 according to the present invention includes LEDs 17 as light sources, an LED board 18 mounting the LEDs 17 thereon, a chassis 14 that stores the LED board 18 therein and includes an attachment hole 14e, a body portion 24 that sandwiches the LED board 18 between the body portion 24 and the chassis 14 and holds the LED board 18, and a board holding member 20 including an attachment portion 25 that is protruded from the body portion 24 toward the chassis 14 to be inserted into the attachment hole 14e, and the board holding member 20 is configured to be rotatable along a plate surface of the chassis 14 between a holding position at which the attachment portion 25 overlaps with an edge of the attachment hole 14e in a plan view and sandwiches the edge of the attachment hole 14e between the attachment portion 25 and the body portion 24 and a non-holding position at which the attachment portion 25 does not overlap with the edge of the attachment hole 14e in a plan view and attaching and detaching of the attachment portion 25 from the attachment hole 14e is allowed.

No. of Pages : 230 No. of Claims : 55

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2608/CHENP/2009 A

(19) INDIA

(22) Date of filing of Application :11/05/2009

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR MODIFYING PLANT ARCHITECTURE AND ENHANCING PLANT BIOMASS AND/OR SUCROSE YIELD

(51) International classification	:A01H5/00, C12N15/82
(31) Priority Document No	:60/863,252
(32) Priority Date	:27/10/2006
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/BR2007/294
Filing Date	:26/10/2007
(87) International Publication No	:(WO 2008/049183)
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)ARAUJO, PAULA GONCALVES DE

4)DANTE, RICARDO AUGUSTO

(57) Abstract :

The present invention relates to methodology and constructs for modifying plant architecture and enhancing plant biomass and/or sucrose yield.

No. of Pages : 53 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.542/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :16/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : EXHAUST-GAS AFTERTREATMENT SYSTEM WITH CATALYTICALLY ACTIVE WALL-FLOW FILTER WITH STORAGE FUNCTION UPSTREAM OF CATALYTIC CONVERTER WITH IDENTICAL STORAGE FUNCTION

(51) International classification	:F01N3/08
(31) Priority Document No	:10 2009 039 250.5
(32) Priority Date	:28/08/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/005109
Filing Date	:20/08/2010
(87) International Publication No	:WO 2011/023332
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)RICHTER, JOERG-MICHAEL

4)FRANOSCHEK, STEFAN

5)VOTSMEIER, MARTIN

(57) Abstract :

The present invention relates to an exhaust-gas aftertreatment system which comprises a preferably catalytically active particle filter (wall-flow filter) which is followed in turn by a throughflow monolith (flow-through monolith which is preferably provided with a catalytically active function. Both components have the same storage functions for gaseous substances present in the exhaust gas of internal combustion engines. The system is suitable in particular for the simultaneous removal of particles and pollutants from the exhaust gas of both predominantly lean-operated internal combustion engines and also of internal combustion engines operated predominantly with a stoichiometric air/fuel mixture. Likewise described is a process for the production and the use of such a system for exhaust-gas aftertreatment.

No. of Pages : 48 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :30/01/2012

(21) Application No.912/CHENP/2012 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : PARA AMINO BENZOIC ACID BASED NANOTUBES

(51) International classification :C07D213/75
(31) Priority Document No :1584/CHE/2009
(32) Priority Date :03/07/2009
(33) Name of priority country :India
(86) International Application No :PCT/IN2010/000443
Filing Date :29/06/2010
(87) International Publication No :WO 2011/004393
A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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7)UTPAL BHADRA

(57) Abstract :

The invention comprises nanotubes and a process for making same and its intermediates comprising a drug moiety or its derivative/s as a structural moiety that further has side chain/s capable of promoting self aggregation and/or performing a functionality. The side chain/s may be the side chains may be mono or a multiple of alkyl chain/s having even number or odd number of carbon atoms that may be substituted or unsubstituted capable of creating simple or complex self aggregating assemblies. Particular illustration comprises a p-amino benzoic acid (PABA) drug moiety or its derivative as a structural moiety comprising 4-alkylamido-N-pyridin-2yl-benzamide with a lauric (C=12) or stearic (C=18) side chain as particular illustration. 4-alkylamido-N-pyridin-2yl-benzamide and 4-Amino-N-pyridine-2 yl-benzamide, N-(Pyridine-2-yl)-4-dodecanamido-benzamide and N-(Pyridin-2-yl)-4-stearamidobenzamide are intermediates for this invention and are novel compounds .Nanotubes having stearic side chain are disclosed to have intrinsic fluorescence and are useful for in wo Conjugation of an active ingredient, illustrated by Rhodamine B with the said nanotube has been disclosed, or nanorod, wherein the active ingredient has a function to perform when absorbed or introduced in the body of a cell or an organism or for delivery of genetic material inside a cell or to an organism. . The function may include, without limitation, a therapeutic action, in vivo tracking. In one particular embodiment of this invention the said conjugation is done with Rhodamine B as an active ingredient in nano-tubes prepared with lauric side chain, which show red fluorescence derived from Rhodamine B and is useful for in vivo tracking. The ingestible nano-tubes made from PABA moiety show excellent shelf life, biocompatibility, potential low immunogenicity and potential freeness from other physiological hurdles in vivo application of nanomaterials. Uility has also been pointed out to optimize pill-like properties for orally ingested materials as micropills to deliver biomaterials for effective gene therapy and novel cargoes for molecular populations.

No. of Pages : 53 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.404/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : DETERMINATION OF CORONARY ARTERY DISEASE RISK

(51) International classification :G01N33/00
(31) Priority Document No :61/187203
(32) Priority Date :15/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038712
Filing Date :15/06/2010
(87) International Publication No :WO 2010/148017 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BEINEKE, PHILIP
4)WINGROVE, JAMES, A.
5)TINGLEY, WHITTEMORE, G.
6)DANIELS, SUSAN

(57) Abstract :

Markers and methods useful for assessing coronary artery disease in a subject are provided, along with kits for measuring their expression. Also provided are predictive models, based on the markers, as well as computer systems, and software embodiments of the models for scoring and optionally classifying samples.

No. of Pages : 173 No. of Claims : 82

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9545/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :19/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIQUID CRYSTAL PANEL

(51) International classification	:G02F1/1368
(31) Priority Document No	:2009-123630
(32) Priority Date	:21/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/057892
Filing Date	:10/05/2010
(87) International Publication No	:WO 2010/134439
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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4)SHOHRAKU, AKIHIRO

(57) Abstract :

A liquid crystal panel (10) includes a plurality of pixels arranged in a matrix pattern having rows and columns. A plurality of Cs bus lines (43c) as storage capacitor lines are routed in the row direction of the liquid crystal panel (10). A plurality of branch lines (310) are routed in the column direction across a pixel region (10a). The branch lines (310) are connected to the Cs bus lines (43c) so that control signals are sent to storage capacitors from the branch lines (310) through the Cs bus lines (43c).

No. of Pages : 78 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9680/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : INTRAOCULAR LENS

(51) International classification :A61F2/16
(31) Priority Document No :2010/0041
(32) Priority Date :26/01/2010
(33) Name of priority country :Belgium
(86) International Application No :PCT/EP2011/051003
Filing Date :25/01/2011
(87) International Publication No :WO 2011/092169
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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ARMAND**

3)GATINEL, DAMIEN

(57) Abstract :

The invention relates to an intraocular lens 1 including an anterior surface 4 and a posterior surface 5 and having a substantially antero-posterior optical axis 6. In this lens 1, one of these anterior and posterior surfaces 4, 5 includes a first diffractive profile 9 forming at least one first diffractive focal point 11 of order +1 on said optical axis 6, and a second diffractive profile 10 forming a second diffractive focal point 12 of order +1 on said optical axis 6 which is distinct from the first diffractive focal point 11 of order +1. At least one portion of said second diffractive profile 10 is superposed to at least one portion of the first diffractive profile 9.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9682/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CHROMATOGRAPHY EQUIPMENT CHARACTERIZATION

(51) International classification :G01N30/50
(31) Priority Document No :09008247.0
(32) Priority Date :24/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003813
Filing Date :22/06/2010
(87) International Publication No :WO 2010/149367
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Herein is reported a method for determining whether a re-useable chromatography column packing, which is used at least for the second time in a purification step of a purification of a polypeptide, has reduced separation efficacy in said purification step of said purification of said polypeptide, comprising the following steps: a) identifying and determining the experimental data of an inert change of at least one physicochemical parameter of a mobile phase passing through said re-useable chromatography column packing, b) determining the parameters of a function of formula I by fitting the experimental data of the inert change of the physicochemical parameter of the at least second use, c) determining the difference between the experimental data of the inert change of the physicochemical parameter of the at least second use and the function of formula I with the parameters determined in step b), d) calculating the difference between the maximum value and the minimum value of the difference determined in step c) and normalizing said difference, e) determining reduced separation efficacy of said re-useable chromatography column packing when the absolute value of the difference calculated in step d) is more than 0.1.

No. of Pages : 27 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9683/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : TRANSAMINASE REACTIONS

(51) International classification :C12N9/10
(31) Priority Document No :61/219,372
(32) Priority Date :22/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039343
Filing Date :21/06/2010
(87) International Publication No :WO 2011/005477 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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6)SAVILE, CHRISTOPHER

7)MUNDORFF, EMILY

(57) Abstract :

The present disclosure relates to methods of using transaminase polypeptides in the synthesis of chiral amines from prochiral ketones.

No. of Pages : 291 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.435/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS AND APPARATUSES FOR UPLINK CONTROL AND DATA TRANSMISSION IN A MIXED SINGLE AND MULTIPLE CARRIER NETWORK

(51) International classification	:H04L
(31) Priority Document No	:61/227,681
(32) Priority Date	:22/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042963
Filing Date	:22/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)MALLADI Durga Prasad

(57) Abstract :

Providing for mixed single carrier and multi-carrier uplink transmission in a wireless communication environment is described herein. By way of example a network is provided that can identify uplink capabilities or restrictions of respective devices of a mixed population of mobile devices and schedule single carrier or multi-carrier transmissions accordingly. In some aspects different subsets of multi-carrier transmission can be given priority over other subsets. Based on the priority the network can schedule/modify relative transmit powers for respective subsets accommodate power constraints of higher level networking protocols and optionally give priority to one or more of the distinct transmissions. In addition priority can be given to respective subsets of the multi-carrier transmission to ensure high quality or reliability for important transmissions. Thus provided is an integrated network that accommodates a powerful mix of single carrier and multi-carrier services for a mixed population of mobile devices.

No. of Pages : 63 No. of Claims : 50

(12) PATENT APPLICATION PUBLICATION

(21) Application No.438/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :12/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : COATED SUBSTRATES AND PACKAGES PREPARED THEREFROM

(51) International classification	:B32B 7/02
(31) Priority Document No	:09382115.5
(32) Priority Date	:17/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/042319
Filing Date	:16/07/2010
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

The invention provides a coated substrate comprising at least the following: i) a first layer formed from a first composition that has a melting point T_{m1} and comprising at least one ethylene-based interpolymer; ii) a second layer formed from a second composition comprising the following: a) at least one propylene-based polymer and b) at least one ethylene-based polymer; and iii) a woven web formed from at least one olefin-based polymer with a melting point of T_{m2a} and/a or nonwoven web formed from at least one olefin-based polymer with a melting point of T_{m2b} ; and wherein T_{m1} is less than or equal to $T_{m2a} - 20^{\circ}\text{C}$ and/or less than or equal to $T_{m2b} - 20^{\circ}\text{C}$. The invention also provides a coated substrate comprising at least the following: i) a first layer is formed from a first composition that has a melting point T_{m1} ; and ii) a

No. of Pages : 41 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.931/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHOD FOR MEMORY MANAGEMENT AND EFFICIENT DATA PROCESSING

(51) International classification :G06F9/50
(31) Priority Document No :12/540,756
(32) Priority Date :13/08/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/045520
Filing Date :13/08/2010
(87) International Publication No :WO 2011/020055 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)MAHESHWARI SHAILESH

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7)URGAONKAR SANDEEP

8)KLINGENBRUNN THOMAS

9)LIOU TIM TYNGHUEI

(57) Abstract :

Multiple memory pools are defined in hardware for operating on data. At least one memory pool has a lower latency than the other memory pools. Hardware components operate directly on data in the lower latency memory pool.

No. of Pages : 44 No. of Claims : 17

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2011

(21) Application No.9691/CHENP/2011 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICES FOR CONVEYING WIRELESS POWER AND METHODS OF OPERATION THEREOF

(51) International classification :H02J7/00
(31) Priority Document No :12/780,649
(32) Priority Date :14/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038436
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144885 A1
(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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13)SRINIVAS RAGHAVAN

14)ALIREZA HORMOZ MOHAMMADIAN

15)ERNEST T. OZAKI

16)RINAT BURDO

(57) Abstract :

Exemplary embodiments are directed to wireless power. A method may comprise receiving wireless power with a receiver and charging an accumulator with energy from the received wireless power. The method may further include conveying energy from the accumulator to an energy storage device upon a charging level of the accumulator reaching a threshold level.

No. of Pages : 53 No. of Claims : 42

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9692/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MEDICAL TREATMENT HYPOTHESIS TESTING

(51) International classification :A61B5/00
(31) Priority Document No :61/186759
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038561
Filing Date :14/06/2010
(87) International Publication No :WO 2011/014308 A1
(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)GREGORY K. RIDGEWAY

(57) Abstract :

A computer-implemented system and method of evaluating the effects of medical treatments, the method including receiving patient record data; identifying relevant characteristics for evaluation; identifying a first treatment; identifying a second treatment; assigning a weight to each patient case; determining the relative likelihood, using the assigned weights, that an identified treatment will result in an identified effect when contrasted with a second identified treatment; and, outputting this estimated relative likelihood.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9684/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR PREPARATION OF CARBAMIC ACID (R)-1-ARYL-2-TETRAZOLYL-ETHYL ESTER

(51) International classification :C07D257/06
(31) Priority Document No :10-2009-0055576
(32) Priority Date :22/06/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2009/005906
Filing Date :14/10/2009
(87) International Publication No :WO 2010/150946 A1
(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)LIM, SANG CHUL

2)UHM, MOO YONG

3)CHO, NAHM RYUNE

4)LEE, DAE WON

5)LEE, JU YOUNG

6)KIM, HUI HO

7)LEE, DONG HO

8)LEE, HYUN SEOK

9)LEE, SE IL

(57) Abstract :

Disclosed is a method for the preparation of carbamic acid (R)-l-aryl-2-tetrazolyl-ethyl ester, comprising the asymmetric reduction of arylketone and the carbamation of alcohol.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :22/12/2011

(21) Application No.9686/CHENP/2011 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : HETEROCYCLIC ANTIVIRAL COMPOUND

(51) International classification :C07D207/26
(31) Priority Document No :61/219,977
(32) Priority Date :24/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/058681
Filing Date :21/06/2010
(87) International Publication No :WO 2010/149598
A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)F. HOFFMANN-LA ROCHE AG
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(72)Name of Inventor :
1)CHIN, ELBERT
2)DE VICENTE FIDALGO, JAVIER
3)LI, JIM
4)LUI, ALFRED SUI-TING
5)MCCALEB, KRISTEN LYNN
6)SCHOENFELD, RYAN CRAIG
7)TALAMAS, FRANCISCO XAVIER

(57) Abstract :

Compounds having the formula I wherein R1, R2, R3, R4, and R5 are as defined herein are Hepatitis C virus NS5b polymerase inhibitors. Also disclosed are compositions and methods for treating an HCV infection and inhibiting HCV replication.

No. of Pages : 87 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9687/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ROOF SWITCH ASSEMBLY

(51) International classification	:H01H25/00
(31) Priority Document No	:09163835.3
(32) Priority Date	:25/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057686
Filing Date	:02/06/2010
(87) International Publication No	:WO 2010/149475
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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48007 U.S.A.
(72)**Name of Inventor :**
1)LENG, PETER
2)LIPKA, JANUSZ

(57) Abstract :

Switch assembly (10) for the lift-and-slide roof of a vehicle, comprising: - a housing (12), - an actuating element (14), - a first pair of movable electrical switching contacts (20, 22), - a second pair of movable electrical switching contacts (16, 18), characterized in that each longitudinal wall of the housing comprises a cross-shaped groove (34) including a cross-shaped guiding track (36), said cross shaped groove receiving a projecting member (38) of the actuating element and said guiding track receiving a pressure piece (40) carried by the actuating element, and in that said cross shaped groove has end surfaces which form abutment surfaces (42, 44, 46, 48) for the corresponding surfaces of the projecting member.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9733/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : OPTICAL SYSTEM AND SENSOR FOR CHECKING VALUE DOCUMENTS HAVING SUCH AN OPTICAL SYSTEM

(51) International classification	:G02B5/12
(31) Priority Document No	:102009025368.8
(32) Priority Date	:18/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058513
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/146103
	A1
(61) Patent of Addition to Application	:NA
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)WUNDERER, BERND

(57) Abstract :

There is described an optical system having a plane anisotropic retroreflector portion which specularly reflects radiation components in a first plane of incidence, but retroreflects radiation components in a second plane of incidence, a first imaging portion which produces on the retroreflector portion a line-shaped intermediate image of an object point in an object plane in a specified position relative to the system, said image extending along a line in the second plane of incidence, and a second imaging portion by means of which the line-shaped intermediate image is imaged into an image point.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9734/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF DRONEDARONE INTERMEDIATES

(51) International classification :C07D307/80

(31) Priority Document No :09290394.7

(32) Priority Date :27/05/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/057272
Filing Date :26/05/2010

(87) International Publication No :WO 2010/136502
A1

(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)KRETZSCHMAR, GERHARD

2)KRAFT, VOLKER

3)ROSSEN, KAI

4)GRASER, JOACHIM

(57) Abstract :

Process for the production of Dronedarone intermediates A process for the production of Dronedarone intermediates of the formula I by acylation of 2-(2-hydroxy-5-nitrophenyl)-1-(4-methoxyphenyl)-ethanone, subsequent treatment of the ester with bases and a zeolite (alumosilicate) catalyst and optional subsequent demethylation. This process can be used for the production of Dronedarone.

No. of Pages : 31 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9735/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : FUNCTIONALIZED NONWOVEN ARTICLE

(51) International classification :D04H1/42
(31) Priority Document No :61/219497
(32) Priority Date :23/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038488
Filing Date :23/12/2011
(87) International Publication No :WO 2010/151447 A1
(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)WALLER, CLINTON P. JR.
2)WEISS, DOUGLAS, E.
3)BOTHOF, CATHERINE
4)SESHADRI, KANNAN

(57) Abstract :

A grafted nonwoven substrate is disclosed having average fiber sizes of 0.7 to 15 microns, and a void volume of 50 to 95%, and a polymer comprising anionic monomer units grafted to the surface of the nonwoven substrate. The article may be used as a filter element to purify or separate target materials, such as monoclonal antibodies (MAb), from a fluid mixture.

No. of Pages : 48 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9736/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LATERAL REGISTER CORRECTING DEVICE, PRINTING PRESS, AND LATERAL REGISTER CORRECTING METHOD

(51) International classification	:B41F33/14
(31) Priority Document No	:2009-151217
(32) Priority Date	:25/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060764
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/150849
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES PRINTING & PACKAGING MACHINERY, LTD.

Address of Applicant :1-1, ITOSAKI MINAMI 1-CHOME, MIHARA-SHI, HIROSHIMA 729-0393 Japan

(72)Name of Inventor :

1)NITTA, YOSHIO

2)IKEDA, KAZUNORI

(57) Abstract :

In a lateral register correcting device 35 having a register correcting mechanism 36 capable of correcting register movement for a web W by printing units 40a, 40b, 40c, and 40d, and a roller pressing mechanism 37 capable of correcting fan out occurring in the web W, a register mark is printed on a front side and a back side of the web W, and there are included: a register correction control unit 71 capable of automatically controlling the register correcting mechanism 36 in real time based on a register correction amount derived by a pair of register cameras 60 for detecting the register mark and a register correction amount deriving unit 70; and a fan out correction control unit 76 capable of automatically controlling the roller pressing mechanism 37 in real time based on a fan out correction amount derived by a pair of fan out cameras 61 for detecting the register mark and a fan out correction amount deriving unit 75.

No. of Pages : 54 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9738/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CONTROLLED-RHEOLOGY POLYPROPYLENE

(51) International classification	:C08F8/50
(31) Priority Document No	:61/219559
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039344
Filing Date	:21/06/2010
(87) International Publication No	:WO 2010/151508 A1
(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)ZUM MALLEN, MICHAEL, P.

(57) Abstract :

Controlled rheology (CR) polypropylene resins are prepared by a process comprising the step of contacting under scission conditions a non-CR-polypropylene resin having a low melt flow rate (MFR) with cyclic peroxide. The CR polypropylene resins made by the process of this invention are useful in manufacturing articles that exhibit reduced VOC emissions relative to CR-polypropylene resins made by an identical process except with non-cyclic peroxide. These low-VOC, CR-polypropylene resins are particularly useful in making non-metallic components for automobile interiors.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9739/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR PHOTOCATAYTIC WATER PURIFICATION

(51) International classification	:C02F1/32
(31) Priority Document No	:09163585.4
(32) Priority Date	:24/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058869
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/149682
	A1
(61) Patent of Addition to Application	:NA
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)KOLIOS, GRIGORIOS

3)SCHINDLER, GOETZ-PETER

4)PFAB, PETER

5)HESS, REINHARD

(57) Abstract :

The present invention relates to a process for the purification of a contaminant-containing stream by bringing the stream to be purified into contact with a heterogeneous photocatalyst with irradiation with light, where the bringing into contact takes place in the presence of at least one compound dissolved in the stream and comprising at least one metal selected from the group consisting of iron, chromium, nickel, cobalt, manganese and mixtures thereof, and to the use of a heterogeneous photocatalyst for the purification of a contaminant-containing stream, where, in the stream to be purified, at least one compound comprising at least one metal selected from the group consisting of iron, chromium, nickel, cobalt, manganese and mixtures thereof is present in dissolved form.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9740/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SOUND BARRIER FOR AUDIBLE ACOUSTIC FREQUENCY MANAGEMENT

(51) International classification :G10K11/16
(31) Priority Document No :61/220261
(32) Priority Date :25/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039470
Filing Date :22/06/2010
(87) International Publication No :WO 2010/151533 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)GREGER, RICHARD W.
4)ALOSHYNA EP LESUFFLEUR, MARIE
5)MOHANTY, SANAT

(57) Abstract :

A sound barrier comprises a substantially periodic array of structures disposed in a first medium having a first density, the structures being made of a second medium having a second density different from the first density, wherein one of the first and second media is a porous medium other than a porous metal, the porous medium having a porosity of at least about 0.02, and wherein the other of the first and second media is a viscoelastic or elastic medium.

No. of Pages : 34 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9741/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A POSITIONING GUIDE AND A FEMUR BONE CUTTING GUIDE SYSTEM

(51) International classification :A61B17/15
(31) Priority Document No :2009/04421
(32) Priority Date :24/06/2009
(33) Name of priority country :South Africa
(86) International Application No :PCT/IB2010/052896
Filing Date :24/06/2010
(87) International Publication No :WO 2010/150222
A1
(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)HONIBALL, JOHN, ROBERT

(57) Abstract :

A femur bone cutting guide system (100) for use in a knee replacement surgical procedure includes a positioning guide in the form of a moulding (132), a bone cutting guide assembly 18 comprising bone cuffing guide components (140, 142); and a guide mounting arrangement comprising a pair of mounting plates (144.1 and 144.2). The moulding (132) is constructed from anatomical data of the femur permitting it to be securely fixed to the lower extremity of the femur. Two attachment posts (154.1 and 154.2) which are connected to the moulding (132) provide for removable mounting of the components (140, 142) to the moulding. The components (140, 142) define guide formations for guiding a cutter for cutting prosthetic joint locating faces in the femur. The plates (144.1, 144.2) are removably mounted to the components (140, 142) and fixed to opposite sides of the femur. The components (140, 142) are then removed allowing removal of the moulding (132). Thereafter, the components are remounted to the plates (144.1, 144.2) to provide for cutting of the femur.

No. of Pages : 35 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9742/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A POSITIONING GUIDE AND A BONE CUTTING GUIDE SYSTEM

(51) International classification	:A61B17/17
(31) Priority Document No	:2009/04421
(32) Priority Date	:24/06/2009
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2010/052899
Filing Date	:24/06/2010
(87) International Publication No	:WO 2010/150223
	A1
(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)HONIBALL, JOHN, ROBERT

(57) Abstract :

A bone cutting guide system (110) includes a bone cutting guide assembly (111) and a positioning guide (114). The bone cuffing guide assembly (111) includes a base pin (112) and a guide mounting arrangement comprising a placement pin guide (113). The pin (112) has an elongate cylindrical shaft (115) having a penetrating end (117). The positioning guide (114) includes a moulding (116) and a hollow cylindrical guide post (118) fixed to the moulding (116). The moulding (116) is constructed from anatomical data obtained by means of a radiographic scan of the head (55) of the femur (14) prior to surgery. The placement pin guide (113) has a handle (121) and a hollow cylindrical guide sleeve (119) dimensioned to slidably receive the guide pin (112) therein. In use, the moulding (116) is fitted to the head (55) of the femur. The guiding formation (119) of the pin placement guide (113) is received in the post (118) for guiding the insertion of the pin (112) into the head (55) of the femur (14).

No. of Pages : 55 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.927/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : VEHICLE

(51) International classification	:F16H1/28
(31) Priority Document No	:2009-180061
(32) Priority Date	:31/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/062957
Filing Date	:30/07/2010
(87) International Publication No	:WO 2011/013829
	A1
(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)YAMAMOTO, AKIHIRO
2)SHINOHARA, SEI

(57) Abstract :

In the case where a vehicle 3 runs forward, when both two electric motors 2A, 2B power the vehicle, an oil pressure controller 48 releases hydraulic brakes 60A, 60B; when both the two electric motors 2A, 2B perform a regenerative braking, actuates the hydraulic brakes 60A, 60B. When one of the two electric motors 2A, 2B powers the vehicle and the other motor performs regenerative braking, the oil pressure controller 48 controls releases or actuates the hydraulic brakes 60A, 60B based on a power driving torque and a regenerative braking torque.

No. of Pages : 63 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/CHENP/2012 A

(19) INDIA

(22) Date of filing of Application :30/01/2012

(43) Publication Date : 12/04/2013

(54) Title of the invention : ELECTRIC POWER TRANSACTION APPARATUS AND METHOD OF CONTROLLING ELECTRIC POWER TRANSACTION APPARATUS

(51) International classification	:H02J7/00
(31) Priority Document No	:2010-029410
(32) Priority Date	:12/02/2010
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2011/000748
Filing Date	:10/02/2011
(87) International Publication No	:WO 2011/099291
	A1
(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)YOSHIMURA, YASUO

(57) Abstract :

An electric-power transaction apparatus and a control method thereof are disclosed which can perform electric power transaction with high reliability between a person who desires to sell high value electric power and a person using low value electric power who desires to obtain high value electric power. An electric power information control unit (15A) performs electric power transaction between a first storage battery (3A) and a second storage battery (3B) based on the first electric power information including an amount of electric power stored in the first storage battery (3A) and electric power value information which is information relating to a value of the electric power amount and second electric power information including an amount of electric power stored in the second storage battery (3B) and information relating to the value of the electric power amount. Here, the electric power information control means compares the electric power value information relating to a specific electric power amount of the electric power amount of the first storage battery (3A) and the electric power value information relating to the specific electric power amount of the electric power amount of the second storage battery (3B), and swaps and stores, when there are the electric power information in which the electric power value information relating to the specific electric power amount are different from each other in both the storage batteries (3A, 3B), the electric power value information in a first electric power information storage unit (14A) and a second electric power information storage unit (14B).

No. of Pages : 72 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9750/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR MANUFACTURING THREE-DIMENSIONAL SHAPED OBJECT AND THREE-DIMENSIONAL SHAPED OBJECT OBTAINED BY THE SAME

(51) International classification	:B22F3/16	(71)Name of Applicant :
(31) Priority Document No	:2009-148866	1)PANASONIC ELECTRIC WORKS CO., LTD.
(32) Priority Date	:23/06/2009	Address of Applicant :1048, OAZA-KADOMA, KADOMA-
(33) Name of priority country	:Japan	SHI, OSAKA 571-8686 Japan
(86) International Application No	:PCT/JP2010/060619	(72)Name of Inventor :
Filing Date	:23/06/2010	1)ABE, SATOSHI
(87) International Publication No	:WO 2010/150805	2)HIGASHI, YOSHIKAZU
	A1	3)FUWA, ISAO
(61) Patent of Addition to Application	:NA	4)TAKENAMI, MASATAKA
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a method for manufacturing a three-dimensional shaped object. The method of the present invention comprises the repeated steps of: (i) forming a solidified layer by irradiating a predetermined portion of a powder layer with a light beam, thereby allowing a sintering of the powder in the predetermined portion or a melting and subsequent solidification thereof; and (id.) forming another solidified layer by newly forming a powder layer on the resulting solidified layer, followed by the irradiation of a predetermined portion of the powder layer with the light beam; wherein only the surface portion of the solidified layer, to which a force is applied when the three-dimensional shaped object is used, is subjected to a machining process.

No. of Pages : 50 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9751/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS OF WET ETCHING A SELF-ASSEMBLED MONOLAYER PATTERNED SUBSTRATE AND METAL PATTERNED ARTICLES

(51) International classification	:C23F1/02
(31) Priority Document No	:61/220407
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038942
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/151471 A1
(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 :3M CENTER, POST OFFICE BOX
33427, SAINT PAUL, MINNESOTA 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)ZU, LIJUN
2)FREY, MATTHEW, H.
3)KANG, MYUNGCHAN
4)TOKIE, JEFFREY, H.

(57) Abstract :

Method of patterning a substrate are described including a method of providing a substrate comprising a metalized surface having a self-assembled monolayer patterned region and unpatterned region; and wet etching the metalized surface in a liquid etchant agitated with bubbling gas to remove metal from the unpatterned regions to form a metal pattern. Also described are metal patterned article including an article comprising a a substrate and an etched microcontact printed metal pattern disposed on the substrate wherein the pattern has a thickness of at least 100 nanometers and a pattern feature uniformity of at least 50% for an area of at least 25 cm² .

No. of Pages : 35 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9693/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :22/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICES AND METHODS RELATED TO A DISPLAY ASSEMBLY INCLUDING AN ANTENNA

(51) International classification :H01Q1/22
(31) Priority Document No :61/186,774
(32) Priority Date :12/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038437
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144886 A1
(61) 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 :INTERNATIONAL IP
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(72)**Name of Inventor :**
1)DAVID J. SORRELL
2)JOHN HILLAN
3)STEPHEN FRANKLAND

(57) Abstract :

Exemplary embodiments are directed to a display assembly. A display assembly may comprise a display unit and at least one antenna at least partially surrounding at least a portion of the display unit. The at least one antenna may be configured for at least one of receiving wireless power, transmitting data, and receiving data.

No. of Pages : 32 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9776/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A SUPPLEMENT COMPRISING BLACKCURRANTS OR BOYSENBERRIES

(51) International classification :A61K36/73
(31) Priority Document No :577357
(32) Priority Date :29/05/2009
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2010/000100
Filing Date :28/05/2010
(87) International Publication No :WO 2010/138003 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)GIBB HOLDINGS (NELSON) LIMITED
Address of Applicant :17 BULLEN STREET, 7011 NELSON
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(72)Name of Inventor :
1)KANO, YASUHIRO
2)GIBB, JOHN
3)LUKES, BRYCE

(57) Abstract :

The present invention relates to a dietary supplement comprising one or more of processed whole blackcurrants, processed whole boysenberries, one or more natural component extracted from blackcurrants, and one or more natural component extracted from boysenberries. The dietary supplement is particularly, but not exclusively, suitable for animals.

No. of Pages : 53 No. of Claims : 30

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9782/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ADJUVANT COMPOSITION CONTAINING POLY-GAMMA-GLUTAMIC ACID-CHITOSAN NANOPARTICLES

		(71)Name of Applicant :
		1)BIOLEADERS CORPORATION
		Address of Applicant :559, YONGSAN-DONG, YUSEONG-GU, DAEJEON, 305-500 Republic of Korea
		2)KOOKMINN UNIVERSITY INDUSTRY-ACADEMIC COOPERATION FOUNDATION
		3)KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY
		4)THE INDUSTRY AND ACADEMIC COOPERATION IN CHUNGNAM NATIONAL UNIVERSITY
		5)CHUNGBUK NATIONAL UNIVERSITY INDUSTRY ACADEMIC COOPERATION
		(72)Name of Inventor :
		1)SUNG, MOON-HEE
		2)POO, HARYOUNG
		3)KIM, CHUL JOONG
		4)CHOI, YOUNG-KU
		5)LIM, YONG TAIK
		6)JEONG, DONG JIN
		7)SHIM, SANG-MU
(51) International classification	:A61K39/39	
(31) Priority Document No	:10-2009-0056844	
(32) Priority Date	:25/06/2009	
(33) Name of priority country	:Republic of Korea	
(86) International Application No	:PCT/KR2010/004142	
Filing Date	:25/06/2010	
(87) International Publication No	:WO 2010/151076 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 an adjuvant composition containing poly-gamma-glutamic acid-chitosan nanoparticles and a vaccine composition containing the adjuvant composition, and more particularly to an adjuvant composition containing nanoparticles prepared by ionic bonding between poly-gamma-glutamic acid having ensured safety and chitosan, and a vaccine composition containing the poly-gamma-glutamic acid-chitosan nanoparticles and an antigen. The adjuvant containing the poly-gamma-glutamic acid-chitosan nanoparticles has little or no toxicity and side effects and is added to human or animal vaccines for the prevention and treatment of viral and bacterial infections and cancers to increase the production of antibodies.

No. of Pages : 53 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9784/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR THE PREPARATION OF HYDROCARBONS FROM OXYGENATES

(51) International classification :C07C1/04
(31) Priority Document No :PA 2009 00798
(32) Priority Date :26/06/2009
(33) Name of priority country :Denmark
(86) International Application No :PCT/EP2010/003368
Filing Date :03/06/2010
(87) International Publication No :WO 2010/149263
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)HALDOR TOPSOE A/S
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LYNGBY Denmark
(72)Name of Inventor :
1)JOENSEN, FINN
2)NIELSEN, POUL, ERIK, HOJLUND
3)SORENSEN, ESBEN LAUGE

(57) Abstract :

A process for the preparation of hydrocarbon products comprising the steps of (a) providing a synthesis gas comprising hydrogen, carbon monoxide and carbon dioxide; (b) reacting the synthesis gas to an oxygenate mixture comprising methanol and dimethyl ether in presence of one or more catalysts which together catalyse a reaction of hydrogen and carbon monoxide to oxygenates at a pressure of at least 4 MPa; (c) withdrawing from step (b) the oxygenate mixture comprising amounts of methanol, dimethyl ether, carbon dioxide and water together with unreacted synthesis gas and introducing the entire amount of the oxygenate mixture without further treatment into a catalytic oxygenate conversion step (d); (d) reacting the oxygenate mixture in presence of a catalyst being active in the conversion of oxygenates to higher hydrocarbons; (e) withdrawing an effluent from step (d) and separating the effluent into a tail gas, a liquid hydrocarbon phase containing the higher hydrocarbons produced in step (d) and a liquid aqueous phase, wherein the pressure employed in steps (c) to (e) is substantially the same as employed in step (b).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9785/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LOW DENSITY NON-WOVEN MATERIAL USEFUL WITH ACOUSTIC CEILING TILE PRODUCTS

(51) International classification	:E04B1/82
(31) Priority Document No	:12/487,000
(32) Priority Date	:18/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040909
Filing Date	:02/07/2010
(87) International Publication No	:WO 2010/148416 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)USG INTERIOURS, INC.
Address of Applicant :550 W. ADAMS STREET, CHICAGO, IL 60661-3676 U.S.A.
(72)**Name of Inventor :**
1)CAO, BANGJI
2)SONG, WEIXIN, D.
3)YU, QING
4)MUELLER, DONALD, S.

(57) Abstract :

A non-woven material that can be formed into an acoustic ceiling tile, is provided. The material includes a substantially planar and self-supporting core of an inorganic base fiber and a synthetic thermal bonding fiber. The synthetic thermal bonding fiber preferably has an increased bonding surface area that improves adhesion and porosity to provide a base mat or core with a low density to provide sound absorption required by an acoustic ceiling tile.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9752/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : COMBINED USE OF CREATINE PHOSPHATE AND CREATINE PHOSPOKINASE FOR TREATMENT OF ARTERIOSCLEROSIS

(51) International classification :A61K31/664

(31) Priority Document No :00984/09

(32) Priority Date :24/06/2009

(33) Name of priority country :Switzerland

(86) International Application No :PCT/IB2010/001516

Filing Date :24/06/2010

(87) International Publication No :WO 2010/150079

A1

(61) Patent of Addition to Application

Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ARTCELL INVEST LTD.

Address of Applicant :AJELTAKE ROAD, AJELTAKE ISLAND, MAJURO, MARSHALL Ice Land

(72)Name of Inventor :

1)RODIGHIERO, GIOVANNI

(57) Abstract :

In an aspect, the present invention relates to creatine phosphate (CP) and creatine phosphokinase (CPK) in association for use in the treatment of an atherosclerotic plaque present in the wall of an artery of a patient.

No. of Pages : 17 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9753/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD OF MEASURING ENTRY OF WATER INTO PHOSGENE-CONDUCTING PLANTS

(51) International classification :G01N17/04
(31) Priority Document No :09163666.2
(32) Priority Date :24/06/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/058909
Filing Date :23/06/2010
(87) International Publication No :WO 2010/149701
A1
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)BASF SE

Address of Applicant :67050,LUDWIGSHAFEN Germany

(72)Name of Inventor :

1)SCHELLING, HEINER

2)PENZEL, ULRICH

3)STROEFER, ECKHARD

4)HABLAWETZ, DIRK

5)BECKWITH, DAVE

6)THIELE, KAI

7)JACOBS, JOHANNES

8)EIERMANN, MATTHIAS

9)STORCK, UWE

10)SPEIER, JON S.

11)GRZANKA, THOMAS

12)PORTWOOD, WILLIAM

(57) Abstract :

The invention relates to a method of measuring entry of water and resulting corrosion in plants for producing isocyanates by reacting phosgene with one or more primary amines in a solvent. The invention further relates to an apparatus for producing such isocyanates, in the work-up section of which probes for monitoring corrosion are arranged in defined places.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9755/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ESTIMATING INITIAL STATES OF A SYSTEM MODEL FOR CONTROLLING AN INDUSTRIAL PROCESS

(51) International classification	:G05B13/04
(31) Priority Document No	:09163541.7
(32) Priority Date	:24/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/057148
Filing Date	:25/05/2010
(87) International Publication No	:WO 2010/149444
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)GALLESTEY ALVAREZ, EDUARDO
2)POLAND, JAN
3)STADLER, KONRAD
4)GAULOCHER, SEBASTIAN
5)FOROUSH, HAMED

(57) Abstract :

According to the present invention, model-based control of industrial processes is promoted by using a merged MLD system model for both the estimation and subsequent control of the industrial process, thus simplifying and expediting the set-up of model based control together with accurate estimation of initial states. In particular, an optimization of an objective function is performed, wherein the objective function includes a difference between an observed quantity and an output variable of a Mixed Logical Dynamic (MLD) system model of the industrial process. The optimization is performed as a function of state variables of the MLD system model, over a number of time steps in the past, and subject to constraints defined by the MLD system model's dynamics. The optimizing values of the state variables are retained as estimated initial states for the subsequent control of the industrial process in a model-based manner including the very same MLD system model. The single MLD system model is a combination or merger of individual MLD subsystem models representing the sub-processes of the industrial process, and may thus be elaborated by a commissioning engineer during a customization step on a plant site, and hence at a comparably late moment during plant execution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9759/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF BENZOFURANS

(51) International classification :C07C205/43
(31) Priority Document No :09290395.4
(32) Priority Date :27/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/057270
Filing Date :26/05/2010
(87) International Publication No :WO 2010/136500
A1
(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)KRETZSCHMAR, GERHARD

2)KRAFT, VOLKER

3)OLPP, THOMAS

4)ROSSEN, KAI

(57) Abstract :

A process for the production of 2-alkyl-3-aryl-5-nitrobenzofurans by acylation of 2-(2-hydroxy-5-nitrophenyl)-1-aryl-ethanones and subsequent treatment of the esters with combinations of bases and proton acids or Lewis acids. This process can be used for the production of Dronedarone. Furthermore, novel intermediates for the manufacture of Dronedarone are provided.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9761/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A METHOD FOR PRODUCING A DEVICE APPLICABLE TO BIOLOGICAL TISSUES, PARTICULARLY A PATCH FOR TREATING DAMAGED TISSUES, AND A DEVICE OBTAINED BY SAID METHOD

(51) International classification	:A61L15/32
(31) Priority Document No	:PI2009A000066
(32) Priority Date	:26/05/2009
(33) Name of priority country	:Italy
(86) International Application No	:PCT/IB2010/052343
Filing Date	:26/05/2010
(87) International Publication No	:WO 2010/136983
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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2)REGIONE TOSCANA
(72)**Name of Inventor :**
1)SOLDANI, GIORGIO
2)BRIGANTI, ENRICA

(57) Abstract :

The present invention relates to a device consisting of cross-linked nanofibrillary fibrin supported on and rooted to a microporous nonwoven fabric consisting of a biocompatible synthetic polymer material. An active ingredient is advantageously dispersed in the fibrin layer. The fibrin layer does not have a haemostatic function, but is suitable for retaining the active ingredient and releasing it with controlled kinetics. The device forming the object of the invention, preferably in the form of patches, is useful for in vitro cell cultures or for treating tissues damaged by wounds or necrosis, such as cardiac walls bearing the sequelae of infarction, or a tissue damaged by a diabetic ulcer. The patch according to the invention can be manufactured by inducing the polymerisation of the fibrin, under suitable conditions, directly on the support layer, which is suitably impregnated with thrombin (at least in a superficial portion of its thickness), and which has been conveniently prepared by means of a spray phase-inversion technique.

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

(54) Title of the invention : PROCESS FOR THE CONTINUOUS THERMAL REMOVAL OF BINDER FROM A METALLIC AND/OR CERAMIC SHAPED BODY PRODUCED BY INJECTION MOLDING, EXTRUSION OR PRESSING USING A THERMOPLASTIC MOLDING COMPOSITION

(51) International classification	:B22F3/10	(71)Name of Applicant :
(31) Priority Document No	:09163770.2	1)BASF SE
(32) Priority Date	:25/06/2009	Address of Applicant :67056, LUDWIGSHAFEN Germany
(33) Name of priority country	:EPO	(72)Name of Inventor :
(86) International Application No	:PCT/EP2010/058802	1)TER MAAT, JOHAN
Filing Date	:22/06/2010	2)WOHLFROMM, HANS
(87) International Publication No	:WO 2010/149648	3)BLOMACHER, MARTIN
	A1	4)THOM, ARND
(61) Patent of Addition to Application	:NA	5)KERN, ANDREAS
Number	:NA	6)
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the continuous thermal removal of binder from a metallic and/or ceramic shaped body which has been produced by injection molding, extrusion or pressing using a thermoplastic composition and comprises at least one polyoxymethylene homopolymer or copolymer as binder in a binder removal oven, which comprises the steps (a) removal of binder from the shaped body in a binder removal oven at a temperature which is from 5 to 20°C below, preferably from 10 to 15°C below, the temperature of a second temperature stage over a period of from 4 to 12 hours in a first temperature stage in an oxygen-comprising atmosphere, (b) removal of binder from the shaped body at a temperature in the range > 160 to 200°C over a period of from 4 to 12 hours in an oxygen-comprising atmosphere in a second temperature stage and (c) removal of binder from the shaped body at a temperature in the range from 200 to 600°C over a period of from 2 to 8 hours in a third temperature stage in an oxygen-comprising or neutral or reducing atmosphere, with the shaped bodies being transported through the binder removal oven during process steps (a) and (b).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9764/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR PREPARING CHLORINE FROM HCL

(51) International classification	:C01B7/04
(31) Priority Document No	:09163609.2
(32) Priority Date	:24/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058523
Filing Date	:17/06/2010
(87) International Publication No	:WO 2010/149560
	A1
(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)KARCHES, MARTIN

2)BACHMANN, KATI

3)SESING, MARTIN

4)SEIDEMANN, LOTHAR

5)JACOBSEN, KUND

(57) Abstract :

A process for preparing chlorine by oxidation of hydrogen chloride by means of oxygen in the presence of a particulate catalyst in a fluidized-bed reactor, where the heat of reaction of the exothermic oxidation of hydrogen chloride is removed by means of water which circulates in the tubes of a shell-and-tube heat exchanger, where (i) the fluidized-bed reactor is heated up to an operating temperature in the range from 350 to 420°C in a heating-up phase and (ii) hydrogen chloride is reacted with oxygen in an operating phase at the operating temperature, wherein (i-T) the fluidized-bed reactor is heated up by introduction of hot nitrogen into the reactor to a temperature below the operating temperature in a first heating-up phase and (i-2) hydrogen chloride and oxygen are fed into the fluidized-bed reactor and reacted in a second heating-up phase in which the fluidized-bed reactor is heated up to the operating temperature by the heat of reaction of the exothermic oxidation of hydrogen chloride.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9765/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : OVERVOLTAGE PROTECTION FOR INVERTERS THAT COMPRISE AN EMC FIILTER AT THEIR INPUT END

(51) International classification	:H02H7/122
(31) Priority Document No	:09161166.5
(32) Priority Date	:26/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/054922
Filing Date	:15/04/2010
(87) International Publication No	:WO 2010/136257
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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1)JEPPE, ANDREAS

2)WOLF, HENRIK

3)WESTPHAL, TORBEN

4)BREMICKER, SVEN

5)GREIZER, FRANK

6)HARING, ADRIAN

(57) Abstract :

In an overvoltage protection apparatus before an inverter (5) for feeding electric energy from a DC voltage source (15) particularly into an AC power grid (4), the overvoltage protection apparatus comprising a DC voltage input stage (6), the DC voltage input stage (6) comprising at least two current-carrying lines (22 to 24) and an EMC filter (7) including interference suppressing capacitors (13,14) and interference suppressing inductors (12), surge arresters for diverting overvoltages against earth are connected to the lines (22 to 24) after the EMC filter (7), from the point of view of the DC voltage source (15).

No. of Pages : 21 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9767/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HEADGEAR EARWEAR ASSEMBLY AND A METHOD OF ASSEMBLING SAME

(51) International classification :A61F11/12
(31) Priority Document No :61/219597
(32) Priority Date :23/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/029538
Filing Date :01/04/2010
(87) International Publication No :WO 2010/151356 A1
(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)OSHIMA, GLENN, D.
2)OGAWA, YUICHI
3)SHIMATANI, HIROSHI

(57) Abstract :

A headgear-earwear assembly and a method of assembling the same. The headgear-earwear assembly can include an earwear and a headgear adapted to be coupled together. The earwear can include an elongated member, such as a cord, having a length, and an earpiece coupled to the elongated member. The headgear can include a major surface and a channel oriented substantially along the major surface of the headgear. The channel can be configured to removably house at least a portion of the length of the elongated member. The method can include positioning at least a portion of the elongated member in the channel, such that at least a portion of the length of the elongated member is removably housed in the channel.

No. of Pages : 42 No. of Claims : 33

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9731/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PLATE FIN WITH HYBRID HOLE PATTERN

(51) International classification	:F28F1/10
(31) Priority Document No	:12/493,890
(32) Priority Date	:29/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/040310
Filing Date	:29/06/2010
(87) International Publication No	:WO 2011/008521 A3
(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)HANCOCK, STEPHEN, S.

(57) Abstract :

A fin having a leading edge, a trailing edge opposing the leading edge, and a plurality of leading holes substantially -centered along a leading axis. The fin further having a plurality of secondary holes substantially centered along a secondary axis, the secondary axis being substantially parallel to the leading axis and located between the leading axis and the trailing edge, the plurality of secondary holes being located so that the plurality of leading holes and the plurality of secondary holes form a substantially rectangular matrix. The fin further having a plurality of trailing holes substantially centered along a trailing axis, the trailing axis being substantially parallel to at least one of the leading axis and the secondary axis and located between the secondary axis and the trailing edge, each of the plurality of trailing holes being substantially equidistant from the respective two nearest secondary holes.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9732/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS FOR UPGRADING COAL AND METHOD OF USING SAME

(51) International classification :C10L5/00
(31) Priority Document No :12/495,775
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2009/050189
Filing Date :10/07/2009
(87) International Publication No :WO 2011/002470 A1
(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)BONNER, HARRY E.
2)MALMQUIST, ROGER B.
3)SHELDON, RAY W.

(57) Abstract :

An apparatus for upgrading coal comprising a baffle tower, inlet and exhaust plenums, and one or more cooling augers. The baffle tower comprises a plurality of alternating rows of inverted v-shaped inlet and outlet baffles. The inlet and outlet plenums are affixed to side walls of the baffle tower. Process gas enters the baffle tower from the inlet plenum, via baffle holes in the side wall and dries the coal in the baffle tower. Process exhaust gas exits the baffle tower into the exhaust plenum via baffle holes in a different side wall of the baffle tower. Coal that enters the baffle tower descends by gravity downward through the baffle tower and enters a cooling auger, where the dried coal from the baffle tower is mixed with non-dried coal. A method of using the apparatus described above to upgrade coal.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9790/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CRYSTALS

(51) International classification :C07D241/20
(31) Priority Document No :2009-151727
(32) Priority Date :26/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060798
Filing Date :25/06/2010
(87) International Publication No :WO 2010/150865
A1
(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)ITOU, HIDEYUKI
2)NAKAMICHI, KOJI
3)TOSAKA, TAKASHI

(57) Abstract :

A main object of the present invention is to provide a novel crystal of 2-{4- [N- (5,6-diphenylpyrazin-2-yl) -N-isopropylamino]butyloxy}-N-(nethylsulfanyl)acetamide (hereinafter referred to as compound A) . [Means for Resolution] A Form-I crystal of compound A, showing diffraction peaks at 9.4 degrees, 9.8 degrees, 17.2 degrees and 19.4 degrees in the powder X-ray diffraction spectrum thereof. A Form-II crystal of compound A, showing diffraction peaks at 9.0 degrees, 12.9 degrees, 20.7 degrees and 22.6 degrees in the powder X-ray diffraction spectrum thereof. A Form-III crystal of compound A, showing diffraction peaks at 9.3 degrees, 9.7 degrees, 16.8 degrees, 20.6 degrees and 23.5 degrees in the powder X-ray diffraction spectrum thereof.

No. of Pages : 42 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9791/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR IDENTIFYING TYPE OF FAULT ON POWER LINE

(51) International classification :G01R31/08
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2009/072472
Filing Date :26/06/2009
(87) International Publication No :WO 2010/148570 A1
(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)LI, YONGLI
2)LI, BOTONG
3)CHEN, LI
4)SU, BIN

(57) Abstract :

A method for identifying the type of faults occurred on a power line, characterized in that it comprises: calculating a fault point voltage on fault points based on terminal voltage and fault locations of the power line; adopting the fault point voltage corresponding to a maximum transition resistance as a setting value; comparing the fault point voltage on fault points with the setting value; and identifying the type of fault as a permanent type or a transient type based on the result of the comparison.

No. of Pages : 35 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9744/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND APPARATUS FOR DETERMINING A FLOW RATE ERROR IN A VIBRATING FLOW METER

(51) International classification	:G01F1/84
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2009/045304
Filing Date	:27/05/2009
(87) International Publication No	:WO 2010/138117 A1
(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)PANKRATZ, ANTHONY, WILLIAM
2)WIENSTEIN,JOEL

(57) Abstract :

A method for determining an error in a flow rate of a fluid flowing through a vibrating flow meter is provided. The method includes the step of receiving sensor signals from the vibrating flow meter. A first flow rate is determined using the sensor signals. A fluid density is determined. A fluid velocity is determined using the first flow rate, the fluid density, and a physical property of the flow meter. A flow parameter, V/p is calculated based on the fluid velocity and the density. A flow rate error is then determined based on the calculated flow parameter.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9747/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : WEIGHT MEASURING APPARATUS

(51) International classification	:G01G23/01
(31) Priority Document No	:2009-150358
(32) Priority Date	:24/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004173
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/150536
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)KAMITO, SHOGO

3)FURUKOSHI, MASAKI

(57) Abstract :

A weight measuring apparatus can ensure safety even if a trouble or deterioration of measurement accuracy occurs. The weight measuring apparatus (10) measures a weight of fluids and includes the followings. A first arm (110) has a first fitting (111) to fit a supply fluid container (20). A second arm (120) is connected to the first arm (110) and has a second fitting (121) to fit a filtrate container (30). A third arm (130) is connected to the second arm (120). A first measuring device (220) measures, as a first total weight, a total weight of the supply fluid container (20) and the filtrate container (30) based on a change of the second arm (120). A second measuring device (230) measures, as a second total weight, the total weight based on a change of the third arm (130). An alarm (300) alarms, when the first and second total weights have different values having a difference equal to or greater than a predetermined value.

No. of Pages : 33 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9800/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SHELF STABLE MONATIN SWEETENED BEVERAGE

(51) International classification :A23L1/236

(31) Priority Document No :61/181,871

(32) Priority Date :28/05/2009

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

(86) International Application No :PCT/US2010/036078

Filing Date :25/05/2010

(87) International Publication No :WO 2010/138513 A1

(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)EVANS, JEFFREY, C.

2)GOULSON, MELANIE, JEAN

(57) Abstract :

A shelf stable beverage composition which comprises a liquid having a reduced dissolved O2 content, a high intensity sweetener comprising monatin, and an edible antioxidant. An additional embodiment of the invention is a shelf stable packaged beverage which comprises a container having a wall, at least a portion of which transmits visible or UV light, a beverage composition in the container, the beverage composition being comprised of water, monatin and an antioxidant, and where such beverage composition has a reduced dissolved O2 content.

No. of Pages : 25 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9801/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING MULT-LAYER FROZEN CONFECTIONS

(51) International classification :A23G9/08
(31) Priority Document No :09007116.8
(32) Priority Date :28/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003178
Filing Date :26/05/2010
(87) International Publication No :WO 2010/136177
A2
(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)TIESNITSCH, JOHANNES, IJSBRAND
2)MARTENS, JOHANNES, CORNELIS, ANTONIUS

(57) Abstract :

Process for producing multi-layer frozen confections, comprising the steps of a. filling a first mold, having a mold bottom, mold walls and an open mould top, at least partly with at least one first substance to be frozen; b. freezing said at least one substance into a frozen part; c. releasing said frozen part from the first mold; d. positioning said frozen part in the first mold or in a further mold having a mold bottom, mold walls and an open mold top, leaving room between the frozen part and the mold bottom and mold walls; e. feeding at least one further substance to be frozen into the first mold during or after step d) or into the further mold before, during or after step d); f. freezing the frozen part and the further substance into a unitary frozen confection' and g. releasing said unitary frozen confection from the first or further mold, wherein the molds are filled through at least one opening in the mold walls or the mold bottom and apparatus for producing pieces of frozen substance, in particular multilayer frozen confections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9804/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : FLUIDICS SYSTEM FOR SEQUENTIAL DELIVERY OF REAGENTS

(51) International classification :A01G25/16
(31) Priority Document No :12/474897
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001547
Filing Date :27/05/2010
(87) International Publication No :WO 2010/138186 A1
(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)SCHULKITZ, JONATHAN
2)MARRAN, DAVID

(57) Abstract :

The invention provides a passive fluidics circuit for directing different fluids to a common volume, such as a reaction chamber or flow cell, without intermixing or cross contamination. The direction and rate of flow through junctions, nodes and passages of the fluidics circuit are controlled by the states of upstream valves (e.g. opened or closed), differential fluid pressures at circuit inlets or upstream reservoirs, flow path resistances, and the like. Free diffusion or leakage of fluids from unselected inlets into the common outlet or other inlets at junctions or nodes is prevented by the flow of the selected inlet fluid, a portion of which sweeps by the inlets of unselected fluids and exits the fluidics circuit by waste ports, thereby creating a barrier against undesired intermixing with the outlet flow through leakage or diffusion. The invention is particularly advantageous in apparatus for performing sensitive multistep reactions, such as pH- based DNA sequencing reactions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9805/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SHAFT CONNECTION USING A BAND

(51) International classification	:F03D11/00
(31) Priority Document No	:PA 2009 70015
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2010/050116
Filing Date	:27/05/2010
(87) International Publication No	:WO 2010/136045 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)CHRISTIANSEN, NIELS-JACOB

(57) Abstract :

The present invention relates to a connection of two shafts, for example a driving shaft and a driven shaft in a wind turbine. In particular, the invention relates to a connection making use of a band to lock the two shafts together. The two shafts are inter-connectable by connecting an interconnection part of the first shaft and an interconnection part of the second shaft. The band is positioned and wound around an outer surface enclosing the interconnection parts of the shafts. The shafts are locked together by providing pressure to the interconnection parts from the windings of the band.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9806/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD AND DEVICE FOR AUTO-GENERATING GOOSE SIGNAL CONNECTION TOPOLOGY FROM SUBSTATION LEVEL

(51) International classification :H02J13/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/CN2009/072946
Filing Date :28/07/2009
(87) International Publication No :WO 2011/011913 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)CUI, CHUN
4)CHEN, JINBAO
5)CHEN, HONGZHENG

(57) Abstract :

The invention provides a method and device for auto-generating GOOSE signal connection topology from substation level based on IEC61850 standard. The method comprises the following steps: import substation configuration language (SOL) file; search all GOOSE input and output signals under each access point; match the output signals to the input signals; and generate GOOSE signal connection topology based on the result of said matching. The device comprises an importing module for importing substation configuration language file; a GOOSE signal analyzer for searching all of GOOSE input and output signals under each access point, and matching said GOOSE output signals to said GOOSE input signals; and topology data module for generating GOOSE signal connection topology based on said matching. The device comprises a storage module. The storage module comprises an input dataset for storing GOOSE input signals and an output dataset for storing GOOSE output signals and their matching input signals.

No. of Pages : 23 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9807/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS AND METHODS FOR PERFORMING ELECTROCHEMICAL REACTIONS

(51) International classification :H01M8/04
(31) Priority Document No :12/475,311
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/001553
Filing Date :27/05/2010
(87) International Publication No :WO 2010/138188 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)REARICK, TODD
4)SCHULTZ, JONATHAN
5)ROTHBERG, JONATHAN, M.
6)MARRAN, DAVID

(57) Abstract :

The invention is directed to apparatus and methods for delivering multiple reagents to, and monitoring, a plurality of analytical reactions carried out on a large-scale array of electronic sensors under minimal noise conditions. In one aspect, the invention provides method of improving signal-to-noise ratios of output signals from the electronic sensors sensing analytes or reaction byproducts by subtracting an average of output signals measured from neighboring sensors where analyte or reaction byproducts are absent. In other aspects, the invention provides an array of electronic sensors integrated with a microwell array for confining analytes and/or particles for analytical reactions and a method for identifying microwells containing analytes and/or particles by passing a sensor-active reagent over the array and correlating sensor response times to the presence or absence of analytes or particles. Such detection of analyte- or particle-containing microwells may be used as a step in additional noise reduction methods.

No. of Pages : 65 No. of Claims : 31

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9786/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CONDENSATION PRODUCT OF RESORCIN AND ACETONE

(51) International classification	:C08G8/02	(71)Name of Applicant :
(31) Priority Document No	:2009-128655	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:28/05/2009	Address of Applicant :27-1, SHINKAWA 2-CHOME, CHUO-KU, TOKYO 104-8260 Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2010/059166	1)TAKEUCHI, KENICHI
Filing Date	:25/05/2010	2)OZTURK, ORHAN
(87) International Publication No	:WO 2010/137720	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A condensation product of resorcin and acetone, wherein the ratio of the area of the first elution peak to the total area of all peaks is 20 to 50% as determined by gel permeation chromatography of which detector is a differential refractive index detector.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9787/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PACKAGING MATERIAL COMPRISING MAGNETISABLE PORTIONS

(51) International classification :B65B61/02
(31) Priority Document No :0900731-1
(32) Priority Date :29/05/2009
(33) Name of priority country :Sweden
(86) International Application No :PCT/SE2010/000106
Filing Date :23/04/2010
(87) International Publication No :WO 2010/138046
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BERGHOLTZ, LARS
3)KLINT, ANN-CHARLOTTE
4)LUVROS, ISTVAN

(57) Abstract :

A packaging material comprising a plurality of magnetisable portions thereon comprising at least one spot per package to be formed from the packaging material is disclosed. At least one of the magnetisable portions, per package, provides a first magnetic mark carrying a magnetic field pattern, and another of the magnetisable portions, per package, provides a second magnetic mark carrying a magnetic field pattern.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9788/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING FROZEN CONFECTIONS

(51) International classification :A23G9/08
(31) Priority Document No :09007115.0
(32) Priority Date :28/05/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/003177
Filing Date :26/05/2010
(87) International Publication No :WO 2010/136176
A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MARTENS, JOHANNES, CORNELIS, ANTONIUS

(57) Abstract :

Process for producing multi-layer frozen confections, comprising the steps of a) filling a first mold, having a mold bottom, mold walls and an open mould top, at least partly with a substance to be frozen; b) freezing said substance into a frozen part; c) releasing said frozen part from the first mold; d) positioning said frozen part in the first mold or in a further mold having a mold bottom, mold walls and an open mold top, leaving room between the frozen part and the mold bottom and mold walls; e) feeding a further dosing of the substance to be frozen into the first mold during or after step d) or into the further mold before, during or after step d; f) freezing said frozen part and further dosing of the substance into a unitary frozen confection; and g) releasing said unitary frozen confection from the first or further mold, wherein the molds are filled through at least one opening in the mold walls or the mold bottom and apparatus for producing pieces of frozen substance and apparatus for producing multi-layer frozen confections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9789/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS AND APPARATUS FOR PRODUCING FROZEN CONFECTIONS

(51) International classification :A23G9/08
(31) Priority Document No :61/181,869
(32) Priority Date :28/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2010/003176
Filing Date :26/05/2010
(87) International Publication No :WO 2010/136175
A2
(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)TIESNITSCH, JOHANNES, IJSBRAND
2)MARTENS, JOHANNES, CORNELIS, ANTONIUS

(57) Abstract :

Process for producing frozen confections, comprising the steps of a) filling a mould, having a mould bottom, mould walls and an open mold top, with the substance to be frozen; b) freeing said substance into a frozen confection; c) releasing said frozen confection from the mould; characterized in that the mould is filled through at least one opening in the lower part of the mould walls or in the mould bottom and apparatus for producing frozen confections.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9820/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING THERMAL ISSUES IN ONE OR MORE INDUSTRIAL PROCESSES

(51) International classification	:F01K25/10
(31) Priority Document No	:61/219,195
(32) Priority Date	:22/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039559
Filing Date	:22/06/2010
(87) International Publication No	:WO 2010/151560 A1
(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)HELD, TIMOTHY JAMES

(57) Abstract :

The present invention generally relates to a system that enables one to both: (i) address various thermal management issues (e.g., inlet air cooling) in gas turbines, gas turbine engines, industrial process equipment and/or internal combustion engines; and (ii) yield a supercritical fluid-based heat engine. In one embodiment, the present invention utilizes at least one working fluid selected from ammonia, carbon dioxide, nitrogen, or other suitable working fluid medium. In another embodiment, the present invention utilizes carbon dioxide or ammonia as a working fluid to achieve a system that enables one to address inlet cooling issues in a gas turbine, internal combustion engine or other industrial application while also yielding a supercritical fluid based heat engine as a second cycle using the waste heat from the gas turbine and/or internal combustion engine to create a combined power cycle.

No. of Pages : 28 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9792/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR THE PRODUCTION OF ISOCYANATES, PREFERABLY DIISOCYANATES AND POLYISOCYANATES WITH SOLVENT RECIRCULATION

(51) International classification	:C07C263/10
(31) Priority Document No	:61/220740
(32) Priority Date	:26/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2010/058421
Filing Date	:16/06/2010
(87) International Publication No	:WO 2010/149544
	A2
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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7)BOCK, MICHAEL

(57) Abstract :

The present invention relates to a process for the production of isocyanates, preferably diisocyanates and polyisocyanates of the diphenylmethane series (MDI), by reacting an amine with phosgene in the liquid phase or in the gas phase to form the corresponding isocyanates, subsequent removal of the solvent in at least two steps to obtain at least two solvent streams, individual treatment of the at least two solvent streams, and recirculation of at least a portion of the solvent streams.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9793/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : NOVEL FUMARATE SALTS OF A HISTAMINE H3 RECEPTOR ANTAGONIST

(51) International classification :C07D401/12
(31) Priority Document No :61/220683
(32) Priority Date :26/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039731
Filing Date :24/06/2010
(87) International Publication No :WO 2010/151611 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)FARR, ROBERT ALLAN

3)SHAH, DINUBHAI H.

4)SHERER, DANIEL

(57) Abstract :

The disclosure relates to fumarate salts of 2-(cyclohexylmethyl)-A/-{2-[(2S)-1-methylpyrrolidin-2-yl]ethyl}-1,2,3,4-tetrahydroisoquinoline-7-sulfonamide, to pharmaceutical compositions thereof, processes for making the same, and methods of use thereof.

No. of Pages : 54 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9794/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HIGH STRENGTH STEEL SHEET HAVING EXCELLENT HYDROGEN EMBRITTLEMENT RESISTANCE

(51) International classification	:C22C38/00
(31) Priority Document No	:2009-130924
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/003610
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/137343
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)YUSE, FUMIO

6)KINUGASA, JUNICHIRO

7)TRAIINT, SANDRA

8)PICHLER, ANDREAS

(57) Abstract :

Disclosed is a high strength steel sheet having excellent hydrogen embrittlement resistance. The steel sheet has a tensile strength of 1180 MPa or more, and satisfies the following conditions: with respect to an entire metallographic structure thereof, bainite, bainitic ferrite and tempered martensite account for 85 area% or more in total; retained austenite accounts for 1 area% or more; and fresh martensite accounts for 5 area% or less (including 0 area%).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9795/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ATTACHMENT DEVICE HAVING A PLASTIC NUT

(51) International classification :F16B37/00
(31) Priority Document No :09/03120
(32) Priority Date :26/06/2009
(33) Name of priority country :France
(86) International Application No :PCT/EP2010/003516
Filing Date :11/06/2010
(87) International Publication No :WO 2010/149279
A1
(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)ALBARAN, JEAN-FRANCOIS

(57) Abstract :

The invention relates to a device for attachment onto a supporting element (11) which comprises a plastic nut (10) including a body (14) axially insertable into an elongate opening (12) of the supporting element (11). The cross-section of the body (14) matches the opening (12) and is elongate in a first main direction (Z1) such that the nut (10) is inserted through the opening (12) and then locked by means of the pivotal movement with a bearing head (15). At least one abutment surface limits the pivotal movement of the nut (10). The head (15) has a shape matching the opening (12), with an elongate cross-section in a second main direction (Z2) forming an offset angle (a) of 5 to 25 degrees with the first main direction (Z1). The abutment surface is configured so as to limit the pivotal movement of the nut (10) relative to the opening (12) at an angle substantially identical to said offset angle (a), such that the head (15) covers the entire opening (12) when locking the nut (10).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9796/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : BONE CEMENT MIXER

(51) International classification :A61F2/46

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2009/053675
Filing Date :20/08/2009

(87) International Publication No :WO 2011/021072
A1

(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)FACCIOLI, GIOVANNI

2) SOFFIATTI, RENZO

(57) Abstract :

Mixer (10) for obtaining bone cement for medical applications comprising a mixing chamber (20) in which the mixing of at least two components which form the cement is carried out, comprising means for generating and transmitting vibrations to the mixing chamber (20) and a luer (18) attachment through which the cement can exit.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9797/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ACTIVE MATRIX SUBSTRATE AND DISPLAY DEVICE HAVING THE SAME

(51) International classification :G09F9/30
(31) Priority Document No :2009-131310
(32) Priority Date :29/05/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001194
Filing Date :23/02/2010
(87) International Publication No :WO 2010/137206
A1
(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)MITSUMOTO, KAZUYORI
2)YOSHIDA, MASAHIRO

(57) Abstract :

The active matrix substrate includes: a plurality of switching elements provided on an insulating substrate; a plurality of lines provided on the insulating substrate and connected to the switching elements; an interlayer insulating film covering the switching elements and the lines; a plurality of pixel electrodes formed on the interlayer insulating film; and a plurality of terminals connected to the lines and placed with a predetermined spacing. At least part of each of the terminals is not covered with the interlayer insulating film. A reflection layer configured to reflect light is provided in a region that is at least part of each gap between the adjacent terminals and includes an edge of the interlayer insulating film, as viewed from the normal to the surface of the insulating substrate.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9768/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :23/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : INSULATING PACKAGING

(51) International classification	:B05B13/06
(31) Priority Document No	:12/490,121
(32) Priority Date	:23/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/038677
Filing Date	:15/06/2010
(87) International Publication No	:WO 2010/151456 A1
(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)FU, THOMAS
2)COOK, MATTHEW, R.

(57) Abstract :

A package or container includes a side wall, the side wall having an inner surface and an outer surface. At least one of the inner surface or the outer surface of the side wall may be at least partially coated by a layer of a insulating material. The material may be adapted to be expanded to provide thermal insulation.

No. of Pages : 41 No. of Claims : 23

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9835/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : NOVEL ESTERS, AND USE THEREOF

(51) International classification :C07C69/24
(31) Priority Document No :10 2009 031 280.3
(32) Priority Date :30/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/003713
Filing Date :19/06/2010
(87) International Publication No :WO 2011/000489
A2
(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)BRUNING, STEFAN
3)MAURER, STEFANIE

(57) Abstract :

The invention relates to esters of general formula (I) $R1-C(=O)-O-R2$, (1) where R1 represents a linear alkyl radical comprising 7 to 9 C atoms, R2 represents a linear alkyl radical comprising 9 to 10 C atoms; or (2) where R1 represents a linear alkyl radical comprising 5 to 9 C atoms and R2 represents a linear alkyl radical comprising 8 C atoms; or (3) where R1 represents a linear alkyl radical comprising 7 to 9 C atoms and R2 represents a linear alkyl radical comprising 7 atoms; or (4) where R1 represents an alkyl radical comprising 7 or 9 C atoms and R2 represents an alkyl radical comprising 9 C atoms, under the provision that if R1 represents a linear alkyl radical, R2 represents a branched alkyl radical, or if R1 represents a branched alkyl radical, R2 represents a linear alkyl radical; or (5) where R1 represents an alkyl radical comprising 8 C atoms and R2 represents an alkyl radical comprising 8 C atoms, under the provision that if, R1 represents a linear alkyl radical, R2 represents a branched alkyl radical or if R1 represents a branched alkyl radical, R2 represents a linear alkyl radical; or n-octyl-i-octanoic acid ester, n-decyl-i-octanoic acid ester, n-decyl-i-nonanoic acid ester, i-nonyl-n-decanoic acid ester, n-heptyl-n-dodecanoic acid ester, i-nonyl-i-octanoic acid ester.

No. of Pages : 84 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9836/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : BUCK BOOST CONTROL CIRCUIT

(51) International classification	:H02M3/155
(31) Priority Document No	:61/182,082
(32) Priority Date	:28/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036770
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138948 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)AGARWAL, BINOD

3)SAHU, SAROJ KUMAR

(57) Abstract :

In accordance with some embodiments, a buck-boost circuit is contemplated which is bi-directional. That is, the buck-boost circuit be configured to produce a load voltage for a load responsive to a source voltage from a voltage source, and the buck-boost circuit may also be configured to produce a charging voltage for the voltage source responsive to a second voltage source connected to the load. In an embodiment, the buck-boost circuit may be operating in boost mode when providing the load voltage and may be operating in buck mode when providing the charging voltage.

No. of Pages : 46 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.984/CHENP/2012 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS FOR TRANSFERRING OBJECTS

(51) International classification :B29C53/50
(31) Priority Document No :MO2009A000189
(32) Priority Date :23/07/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/IB2010/053337
Filing Date :22/07/2010
(87) International Publication No :WO 2011/010294
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)BERGAMI, STEFANO

(57) Abstract :

An apparatus comprises transferring means (9) for transferring objects (8) obtained by compression-moulding doses of plastics (D) from forming means (7) of a forming unit (5) and supporting means (2) for rotatably supporting said transferring means (9). In order to avoid blows and/or damage between said transferring means (9) and said forming means (7), the apparatus comprises moving means (3) connected to said supporting means (2) and configured for moving said transferring means (9) at least between a first operating position (A) nearer said forming unit (5), in which said transferring means (9) interacts with said forming means (7) to transfer said objects (8), and a second operating position (B), in which said transferring means (9) is spaced away from said forming unit (5) so as not to interact with said forming means (7). The movement of said transferring means (9) from said first operating position (A) to said second operating position (B) has at least a component in the same direction as a tangential component of the rotational motion of said forming unit (5) in said first operating position (A).

No. of Pages : 22 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.9821/CHENP/2011 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : VEHICLE CHASSIS

(51) International classification	:B62D23/00
(31) Priority Document No	:0911020.6
(32) Priority Date	:25/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2010/001253
Filing Date	:25/06/2010
(87) International Publication No	:WO 2010/149981 A1
(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)MURRAY, IAN GORDON

(57) Abstract :

A chassis for a vehicle is disclosed which combines rigidity, speed of manufacture, and a small environmental footprint. Such a chassis comprises a framework of interconnected tubular sections (14, 18) and at least one composite sheet (50) bonded to the framework, at least part of the composite sheet being of unidirectional fibres. The sheet can be non-flat, and is preferably a concave geometry such as a tub. It can be composed of a plurality of sections (78, 80). The part of the composite sheet that is of unidirectional fibres extends obliquely rearwardly from a tubular section on one side of the chassis toward a further tubular section on another side of the chassis, the fibres also being oriented obliquely rearwardly in the same sense. A further similar part extends in the opposite direction/ symmetrically, overlapping as necessary.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9823/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HIGH STRENGTH STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME

(51) International classification	:C22C38/00
(31) Priority Document No	:2009-178066
(32) Priority Date	:30/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/063138
Filing Date	:28/07/2010
(87) International Publication No	:WO 2011/013845
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)FUNAKAWA, YOSHIMASA

(57) Abstract :

Disclosed is a high-strength steel sheet having excellent processability and a tensile strength of 980 MPa or more. The high-strength steel sheet has the following composition (in mass . %): C: 0.1 to 0.3% inclusive. Si: 2.0% or less, Mn: 0.5 to 3.0% inclusive, P: 0.1% or less, S: 0.07% or less, Al: 1.0% or less, and N: 0.008% or less, with the remainder being Fe and unavoidable impurities. The steel structure of the high-strength steel sheet comprises 50% or more of martensite, 50% or less(including 0%) of ferrite, 10% or less (including 0%) of bainite, and 10% or less (including 0%) of residual austenite. In the high-strength steel sheet, the half width in the degree distribution of the nano-hardness obtained by the measurement of the hardness distribution of the martensite is 2.0 GPa or more, and the steel sheet has a tensile strength of 980 MPa or more.

No. of Pages : 60 No. of Claims : 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9824/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ANTIBODIES THAT SPECIFICALLY BIND TO A BETA OLIGOMERS AND USE THEREOF

(51) International classification :C07K16/18

(31) Priority Document No :61/231,797

(32) Priority Date :06/08/2009

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

(86) International Application No :PCT/JP2010/004926

Filing Date :05/08/2010

(87) International Publication No :WO 2011/016239

A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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3)UMEDA, MAKOTO

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5)ITO, TOSHIYUKI

6)IMAI, YUKIHO

7)FUJII, SHINOBU

(57) Abstract :

The present inventors successfully produced monoclonal antibodies that are specific to only soluble A beta oligomers, but do not recognize soluble A beta monomers, which are physiological molecules. It was demonstrated that the antibodies are useful as diagnostic/therapeutic monoclonal antibodies for Alzheimer's disease.

No. of Pages : 115 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9825/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ESTER MIXTURES AND COMPOSITIONS COMPRISING SUCH ESTER MIXTURES

(51) International classification	:A61K8/37
(31) Priority Document No	:09008543
(32) Priority Date	:30/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003712
Filing Date	:19/06/2010
(87) International Publication No	:WO 2011/000488
	A1
(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)KAWA, ROLF
2)BRUNING, STEFAN

(57) Abstract :

The invention is directed to a mixture of esters according to the general formula (I), $R_1-C(=O)-O-R_2$, wherein R_1 is an alkyl moiety with 7 to 9 carbon atoms and wherein R_2 is an alkyl moiety with 8 to 10 carbon atoms, wherein the mixture comprises 5 to 60 weight-% of ester of the general formula (I), wherein R_1 is an alkyl moiety with 9 carbon atoms, based on the total amount of esters according to formula (I) and/OT wherein the mixture comprises 5 to 60 weight-% of ester of the general formula (I), wherein R_2 is an alkyl moiety with 10 carbon atoms, based on the total amount of esters according to formula (I). The invention is further directed to cosmetic and/or pharmaceutical compositions comprising such esters as well as to a process for the production of such esters.

No. of Pages : 54 No. of Claims : 10

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9826/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ETHYLENE- α -OLEFIN COPOLYMER, MOLDED ARTICLE, CATALYST FOR COPOLYMERIZATION, AND METHOD FOR PRODUCING ETHYLENE- α -OLEFIN COPOLYMER

(51) International classification	:C08F210/16
(31) Priority Document No	:2009-130154
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/059401
Filing Date	:27/05□2010
(87) International Publication No	:WO 2010/137734
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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1)NOZUE, YOSHINOBU

2)OCHI, NAOKO

(57) Abstract :

An ethylene- α -olefin copolymer comprising monomer units derived from ethylene and monomer units derived from an α -olefin having 3 to 20 carbon atoms, having a density (d) of 860 to 950 kg/m³, having a melt flow rate (MFR) of 0.01 to 100 g/10 min, having a bimodal molecular weight distribution, and having a single melting peak measured by a differential scanning calorimeter (DSC).

No. of Pages : 162 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9840/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HYDROGEN CHLORINE LEVEL DETECTOR

(51) International classification	:A47J31/40
(31) Priority Document No	:61/182076
(32) Priority Date	:29/05/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/036722
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/138909 A2
(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)SAHU, SAROJ KUMAR

(57) Abstract :

A method for detecting a ratio of a first substance to that of a second substance in a mixture of substances, includes generating heat in a heating element; measuring a temperature proximate to the heating element; and calculating the ratio of the first substance to that of the second substance from the temperature. In some embodiments, the ratio of the concentrations of hydrogen and chlorine in a mixture of hydrogen and chlorine may be determined.

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

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.9841/CHENP/2011 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : OPTICAL LEAK DETECTION SENSOR

(51) International classification :H01M8/18
(31) Priority Document No :61/182,077
(32) Priority Date :28/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036771
Filing Date :28/05/2010
(87) International Publication No :WO 2010/138949 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)SAHU, SAROJ KUMAR
3)WINTER, RICK

(57) Abstract :

A leak detection sensor for detecting a leakage of an electrolyte solution in a flow battery system is provided. The sensor includes a sensor housing, the sensor housing being at least partially surrounded by a fluid and having mounted therein at least one light source. The device also includes at least one light detector, wherein light emitted from at least one light source is incident on a portion of the housing in contact with a fluid and is at least partially refracted by an amount which is dependent on a refractive index of the refractor lens and the surrounding fluid, such that the amount of refraction at the refractor lens and the surrounding fluid causes a loss in a power of light detected by the at least one light detector, the light detector determines the intensity of the detected light, determines the composition of fluid surrounding the device housing based on the difference between the measured light intensity and the intensity of light produced by the light source, and determines a leak if the composition of fluid is determined to be an electrolyte solution.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9842/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : REDOX FLOW CELL REBALANCING

(51) International classification :H01M8/18
(31) Priority Document No :61/182,099
(32) Priority Date :28/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036764
Filing Date :28/05/2010
(87) International Publication No :WO 2010/138942 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)ZU, GE

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5)KUMAR, SURESH

6)MANI, VASANTHAN

7)PARAKULAM, GOPALKRISHNAN R

8)FIROUZI, ALI

9)RASU, VELUCHAMY

(57) Abstract :

A redox cell rebalance system is provided. In some embodiments, the rebalance system includes electrochemical cell and a photochemical cell. In some embodiments, the photochemical cell contains a source of ultraviolet radiation for producing HCl from H₂ and Cl₂ generated by the system. The HCl product may be collected or circulated back through the system for the rebalancing of electrolytes. A rebalance cell for use in a rebalance system is also provided. In some embodiments, the rebalance cell is the combination of an electrochemical cell and a photochemical cell. In some embodiments, a source of ultraviolet radiation is housed in the cathode compartment of the rebalance cell. In some embodiments, the source of ultraviolet radiation is used to effect the formation of HCl from H₂ and Cl₂ present in the rebalance cell. The HCl is dissolved in aqueous electrolytes contained in the rebalance cell, which can subsequently be circulated through a rebalance system for the rebalancing of redox cells.

No. of Pages : 53 No. of Claims : 101

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9844/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : WIND TURBINE GENERATOR SYSTEM TRANSMISSION AND WIND TURBINE GENERATOR

(51) International classification	:F03D11/02
(31) Priority Document No	:2009-284254
(32) Priority Date	:15/12/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/069141
Filing Date	:28/10/2010
(87) International Publication No	:WO 2011/074332
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SHODA, KATSUHIKO

4)YUGE, ATSUSHI

(57) Abstract :

A wind-turbine-generator-system transmission and a wind turbine generator that can ensure the strength of a bearing and can also minimize seizing and abrasion are provided. In a wind-turbine-generator-system transmission (5) having a sun gear (109) , a planetary gear (107) that meshes with the sun gear (109) and rotates around the sun gear (109), and an inner tooth (108) that meshes with the planetary gear (107) , the transmission (5) includes a carrier (102) that rotates the planetary gear (107) around the sun gear (109) ; a planetary pin (103) that is disposed in the carrier (102) and transmits rotation of the carrier (102) to the planetary gear (107); a cylindrical sleeve (104) disposed around a periphery of the planetary pin (103) ; and a slide bearing (105) that is disposed between the sleeve (104) and the planetary gear (107) and supports the planetary gear (107) in a rotatable manner about the planetary pin (103).

No. of Pages : 45 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9827/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PRECISION AXLE SPINDLE AND WHEEL END ASSEMBLY FOR HEAVY-DUTY VEHICLES

(51) International classification :B06B27/00
(31) Priority Document No :61/182,277
(32) Priority Date :29/05/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036595
Filing Date :28/05/2010
(87) International Publication No :WO 2010/138827 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)MORRIS, JEFFREY
3)HESTER, DONALD

(57) Abstract :

An axle spindle and wheel end assembly includes a precision-formed axle spindle, wheel hub, and axle spindle nut. The axle spindle is formed with parallel inboard and outboard bearing surfaces, a shoulder that is perpendicular to the inboard and outboard bearing surfaces, and threads for a spindle nut that are aligned with the inboard and outboard bearing surfaces. The wheel hub is formed with inboard and outboard bearing surfaces that are in parallel alignment with one another, and bearing axial stop surfaces that are perpendicular to the wheel hub bearing surfaces. The spindle nut is formed with threads on its inner periphery and a flat inboard surface that is perpendicular to the threads. The axle spindle, wheel hub, and spindle nut cooperate to enable an axle spindle nut assembly to consistently provide a light preload on a bearing cone and spacer group of the wheel end assembly.

No. of Pages : 33 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9828/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-158185
(32) Priority Date	:02/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058354
Filing Date	:18/05/2010
(87) International Publication No	:WO 2011/001754
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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(57) Abstract :

A backlight unit 12 according to the present invention includes an LED 17, an LED board 18, a connector 25, a chassis-side reflection sheet 22, and a support Z. The LED 17 is a light source. The LED 17 is mounted on the LED board 18. The connector 25 is a mounted component mounted on a mounting surface 18a of the LED board 18 on which the LED 17 is mounted. The chassis-side reflection sheet 22 is a reflection sheet 21 configured to reflect light and arranged on a side on which the mounting surface 18a is arranged. The mounting surface 18a is the surface on which the LED 17 and the connector 25 are mounted. The support 26 holds the chassis-side reflection sheet 22 away from the mounting surface 18a of the LED board 18.

No. of Pages : 106 No. of Claims : 25

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :27/12/2011

(21) Application No.9829/CHENP/2011 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : ENGINE START DEVICE

(51) International classification :F02N11/08
(31) Priority Document No :2009-196695
(32) Priority Date :27/08/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/056746
Filing Date :15/04/2010
(87) International Publication No :WO 2011/024511
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
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6)ODAHARA, KAZUHIRO
7)KANEDA, NAOHITO

(57) Abstract :

An engine start device for an automatic idling stop system, smoothly and quickly causing a pinion gear and a ring gear to mesh with each other when the engine is running under the inertia. An engine start device for an automatic idling stop system is provided with: a crank angle sensor (12) for detecting the crank angle of the engine; a ring gear (11) connected to the crankshaft of the engine and transmitting the rotation of the engine; a ring gear rotational speed detection means (13, 10) for detecting the rotational speed of the ring gear (11); a starter motor (17) for starting the engine; a pinion gear (14) for transmitting the rotation of the starter motor to the ring gear; a pinion gear push-out means (15, 16) for pushing out the pinion gear to cause the pinion gear and the ring gear to mesh with each other; and a pinion gear push-out control means (13, 10) which, when the ring gear rotational speed detected by the ring gear rotational speed detection means is below a threshold value which is determined by at least one of the crank angle, the gear range, and a restart condition, drives the pinion gear push-out means to cause the pinion gear and the ring gear to mesh with each other.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.983/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : PRESSURE RELIEF DEVICE INTEGRITY SENSOR

(51) International classification :F16K17/16
(31) Priority Document No :61/213,937
(32) Priority Date :31/07/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/043958
Filing Date :30/07/2010
(87) International Publication No :WO 2011/014798 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)FITZGERALD, LIAM
4)FARWELL, STEVEN
5)LEAHY, HUGHIE

(57) Abstract :

A sensor for sensing the integrity of a pressure relief device, along with associated systems and methods, are disclosed. The sensor may sense a designed area of weakness of a pressure relief device, such as an explosion vent or rupture disk (1030). A monitor may monitor a signal from the sensor, which may be transmitted between, the sensor and monitor by way of a sensor loop. In response to a change in the designed area of weakness (080b), the signal from the sensor may be altered or interrupted, indicating that the designed area of weakness has changed. The signal from the sensor may be, for example, an electrical signal, optical signal, or an air flow in a pneumatic loop.

No. of Pages : 45 No. of Claims : 64

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :26/12/2011

(21) Application No.9798/CHENP/2011 A

(43) Publication Date : 12/04/2013

(54) Title of the invention : POLYOLEFIN COMPOSITIONS

(51) International classification	:C08L23/10
(31) Priority Document No	:09163842.9
(32) Priority Date	:26/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/058916
Filing Date	:23/06/2010
(87) International Publication No	:WO 2010/149705
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)PANTALEONI, ROBERTO
4)FERRARO, ANGELO

(57) Abstract :

Polyolefm compositions particularly suitable for cast film, exhibiting heat sealability, retortability, low haze and stiffness, comprising:
1) 75-85% of a propylene homopolymer or copolymer of propylene with ethylene and/or one or more C4-C10 a-olefin(s), the homopolymer or copolymer having melting temperature equal to or higher than 150°C, 2) 15-25% of a copolymer of ethylene with one or more C4-C10 a-olefin(s) containing from 20 to 30% of said C4-C10 a-olefin(s); said composition having MFR (at 230 °C, 2.16 kg) of from 5-10 g/10 min, the total content of ethylene of from 10 to 20 %, the total content of C4-C10 a-olefm(s) of from 2 to 8 %, the ratio XStot/XSm of the total fraction soluble in Xylene at room temperature to the fraction soluble in Xylene at room temperature of the matrix component (1) of from 5 to 15, and the value of the intrinsic viscosity of the total fraction soluble in Xylene at room temperature (XSIVtot) of 1.5 dl/g or less.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9799/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :26/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CENTRIFUGE HAVING A LUBRICANT SYSTEM

(51) International classification :B04B9/12
(31) Priority Document No :10 2009 022 972.8
(32) Priority Date :28/05/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/057448
Filing Date :28/05/2010
(87) International Publication No :WO 2010/136579
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)BATHELT, THOMAS
4)KLEIMANN, THOMAS
5)PENKEL, ANDREAS
6)TERWEY, BERND

(57) Abstract :

The invention relates to a centriuge comprising the following: a. a rotatable centrifuge drum (2) and a feed line for a material to be centrifuged that is to be processed, b. a drive spindle (3) for the centrifuge drum, which drive spindle is rotatably supported in a housing (7) by means of at least one support, which housing is supported preferably elastically on a machine frame (10), c. a drive device having a drive motor, which is designed to rotate the drive spindle (3), d. a lubricant system for lubricating the support, which lubricant system is designed to convey lubricant from a lubricant reservoir (12) into the area of the support through a lubricant channel (14), e. wherein in order to convey the lubricant, at least one injection device (13) arranged down - stream of the lubricant reservoir (12) is provided, which injection device is designed to dispense (small) amounts of lubricant into the area of the support in pulses separated from each other in time.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9871/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIQUID CHROMATOGRAPH SYSTEM

(51) International classification	:F16K11/07
(31) Priority Document No	:PCT/JP2009/002990
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060986
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/001941
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)SHINJI TANAKA

(57) Abstract :

A channel-switching valve into which a high-pressure liquid and a low-pressure liquid flow is provided. The channel-switching valve includes a stator and a rotor which has a surface in contact with one surface of the stator and rotates while sliding on the contact surface. The stator has a plurality of liquid flow ports open to the contact surface, and the rotor has a plurality of channel grooves for connecting the liquid flow ports. One of the channel grooves is a straight groove passing through the rotational center of the rotor, and the other channel grooves are line-symmetrically arranged with respect to the straight channel groove. Alternatively, among the channel grooves, the channel grooves into which the high-pressure liquid flows are configured to be located on both sides of the rotational center of the rotor. As a result, a local load acting on the rotor during a high-pressure liquid-feeding process is reduced, so that the contact surface is prevented from being scraped off by the edge of the opening of a port during the rotation of the rotor.

No. of Pages : 32 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9876/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PURIFIER ASSEMBLY

(51) International classification :B01D53/94
(31) Priority Document No :20095735
(32) Priority Date :29/06/2009
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2010/050555
Filing Date :28/06/2010
(87) International Publication No :WO 2011/001027
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)ASENBRYGG, JUHA-MATTI

6)SORSA, MIKKO

(57) Abstract :

The invention relates to a purifier assembly used in the treatment of fluids. The invention also relates to a method for manufacturing and using such a purifier assembly. The purifier assembly comprises a perforated structure (4) arrangeable in an inlet pipe (2) and/or an outlet pipe (3) around which is installed at least one mesh structure (5) contained by an open channel, formed by a spiral-like flow channel which comprises at least two meshes in the flow channels between which and through the mesh structure the fluid (1, 7) is arranged to flow, and that at one end of the perforated structure (4) there are one or more blocking elements (6, 9) in order to control the flow of the fluid (1, 7) through the perforated structure (4) to the mesh structure (5) and/or vice versa.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9830/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR DETERMINING THE TORQUE OF A WORM OF A DECANter

(51) International classification	:B04B1/20
(31) Priority Document No	:10 2009 023 555.8
(32) Priority Date	:30/05/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/057377
Filing Date	:28/05/2010
(87) International Publication No	:WO 2010/139610
	A1
(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)OVERBERG, MARTIN

(57) Abstract :

The invention relates to a method for determining the torque of a worm of a solid bowl worm centrifuge having a drum and a worm that can be rotated at a rotational speed difference with respect to the drum. The solid bowl worm centrifuge is driven by way of a gear assembly by a single common drive motor using one or more belt drives with a driving pulley, a driven pulley, and a belt coupling said pulleys, wherein the torque T is determined by identifying the slippage of the at least one belt drive.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9831/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHT SOURCE UNIT, LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-159072
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058333
Filing Date	:18/05/2010
(87) International Publication No	:WO 2011/001752
	A1
(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)YOKOTA, MASASHI

(57) Abstract :

An LED unit U of the present invention includes an LED 17 that as a light source, a diffuser lens B, a board reflection sheet 23 and a restriction member 27. The diffuser lens 19 is provided to face a light emitting surface 17a of the LED 17. The board reflection sheet 23 is provided to face a surface of the diffuser lens 19 that is closer to the LED 17 and is configured to reflect light. The restriction member 27 projects from the diffuser lens 19 toward the board reflection sheet 23 and restricts positional relationship between the diffuser lens 19 and the board reflection sheet 23.

No. of Pages : 138 No. of Claims : 41

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9833/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : FUEL INJECTION VALVE MOUNTING STRUCTURE

(51) International classification	:F02M51/06
(31) Priority Document No	:2009-129912
(32) Priority Date	:29/05/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058605
Filing Date	:21/05/2010
(87) International Publication No	:WO 2010/137526
	A1
(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)SATO, KAZUHIKO

(57) Abstract :

A covering body (10) made of a synthetic resin and including a rear shoulder part (16) oriented toward a fuel inlet part (6) side is formed around an outer periphery of an intermediate portion in an axial direction of a fuel injection valve (I). The rear shoulder part (16) includes: a first semicircular shoulder part (16a) extending over a half periphery of the covering body (10); a second semicircular shoulder part (16b) shifted in the axial direction with respect to the first semicircular shoulder part (16a) and extending over the other half periphery of the covering body (10); and a standing wall (16c) standing to connect the first and second semicircular shoulder parts (16a, 16b). On a front end of a fuel supply cap (20), a semicircular holding surface (28b) holding at least one of the first and second semicircular shoulder parts (16a, 16b) to prevent the fuel injection valve (I) from being fallen off from the mounting hole (2), and a rotation stopper surface (28c) abutting against the standing wall (16c) to prevent rotation of the fuel injection valve (I) are formed. Accordingly, it is possible to provide a fuel injection valve mounting structure including positioning means capable of firmly restricting an orientation of a coupler in a given direction without forming projections on a fuel injection valve and a fuel supply cap.

No. of Pages : 17 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9887/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CONTAINER AIR HANDLING UNIT AND COOLING METHOD

(51) International classification	:H05K7/20	(71)Name of Applicant :
(31) Priority Document No	:61/183,276	1)AMERICAN POWER CONVERSION CORPORATION
(32) Priority Date	:06/02/2009	Address of Applicant :132 FAIRGROUNDS ROAD, WEST
(33) Name of priority country	:U.S.A.	KINGSTON, RI 02892 U.S.A.
(86) International Application No	:PCT/US2010/037084	(72)Name of Inventor :
Filing Date	:02/06/2010	1)BEAN, JOHN, H.
(87) International Publication No	:WO 2010/141595 A2	
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular cooling system configured to treat IT air generated by a data center includes a frame and a plurality of cooling sub-system modules supported by the frame. The plurality of cooling sub-system modules are configured to operate in parallel to achieve total cooling effect or a lesser cooling effect with some level of redundancy within the data center. Each cooling sub-system module includes a housing configured to support cooling equipment, an air-to-air heat exchanger supported by the housing to cool IT air generated by the data center, the air-to-air heat exchanger having at least one tube configured to direct IT from one end of the air-to-air heat exchanger to an opposite end of the air-to-air heat exchanger and configured so that outdoor air circulates around the at least one tube, and a mechanical cooling system supported by the housing. The mechanical cooling system is configured to receive IT air treated by the air-to-air heat exchanger and to provide further cooling to the treated IT air. Other embodiments of the cooling system and methods of cooling are further disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9852/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-159057
(32) Priority Date	:03/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058338
Filing Date	:18/05/2010
(87) International Publication No	:WO 2011/001753
	A1
(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)YOKOTA MASASHI

(57) Abstract :

A backlight unit 12 according to the present invention includes an LED board 18 including an LED 17 as a light source, a chassis M that stores the LED board 18 therein and has an opening 14b through which the light from the LED 17 exits, a chassis reflection sheet 22 that is arranged along an inner surface of the chassis 14 and reflects light and a board reflection sheet 23 that overlaps the LED board 18 on the side of the opening 14b in a plan view, is larger than the LED board 18 and reflects light, and the chassis 14 has a first supporting portion 27 supporting the LED board 18 and a second supporting portion 28 that is arranged closer to the opening 14b than the first supporting portion 27 and supports the board reflection sheet 23.

No. of Pages : 143 No. of Claims : 36

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9854/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-155530
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058286
Filing Date	:17/05/2010
(87) International Publication No	:WO 2011/001751
	A1
(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)YOKOTA, MASASHI

(57) Abstract :

It is an object of the present invention to provide a lighting device realizing reduction in cost and suppression of power consumption and suppressing generation of a lamp image. A lighting device 12 of the present invention includes a plurality of point light sources 80; a chassis 14 housing the point light sources 80 and having an opening 14b through which light of the point light sources 80 exits; and an optical member 15 (15a) facing the point light sources 80 and provided to cover the opening 14b. The point light sources 80 are arranged such that a light source high-density area LH where an arrangement interval thereof is relatively small and a light source low-density area LL where an arrangement interval thereof is relatively large are provided. Light reflection portions 24 reflecting light from the point light sources 80 are formed in at least a region overlapping with the light source low-density area LL in the optical member 15 (15a).

No. of Pages : 50 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9856/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : SCANNING SIGNAL LINE DRIVE CIRCUIT AND DISPLAY DEVICE HAVING THE SAME

(51) International classification	:G09G3/36
(31) Priority Document No	:2009-166305
(32) Priority Date	:15/07/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/052329
Filing Date	:17/02/2010
(87) International Publication No	:WO 2011/007591
	A1
(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)SAKAMOTO, MAYUKO
2)IWASE, YASUAKI

(57) Abstract :

A gate driver is provided with an odd-numbered stage shift register, an even-numbered stage shift register, and main lines including clock signal main lines. Each stage (bistable circuit) of one of the shift registers receives the first clock CKA and the second clock CKB from the clock signal main lines, and the third clock CKC and the fourth clock CKD from an adjacently provided stage of the other shift register (the odd-numbered stage shift register, if the stage is the even-numbered stage). Each stage of the shift register can receive the second clock CKB from a different stage of the same shift register. With this, it is possible to reduce a picture-frame area of a panel in a display device provided with a scanning signal line drive circuit having the plurality of shift registers.

No. of Pages : 76 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9858/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification	:F21S2/00
(31) Priority Document No	:2009-155516
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058272
Filing Date	:17/05/2010
(87) International Publication No	:WO 2011/001749
	A1
(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)YOKOTA, MASASHI

(57) Abstract :

It is an object of the present invention to provide a lighting device realizing reduction in cost and suppression of power consumption and suppressing generation of a lamp image. A lighting device 12 of the present invention includes a plurality of point light sources 80; a chassis 14 housing the point light sources 80 and having an opening 14b through which light from the point light sources 80 exits; and an optical member 15 (15a) facing the point light sources 80 and provided to cover the opening 14b. The point light sources 80 are arranged such that a light source high-density area LH where an arrangement interval thereof is relatively small and a light source low-density area LL where an arrangement interval thereof is relatively large are provided. Light reflection portions 50 reflecting lights from the point light sources 80 are formed in at least a region overlapping with the light source low-density area LL in the optical member 15 (15a).

No. of Pages : 61 No. of Claims : 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9859/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : BENZYLIDENE MALONATES

(51) International classification	:A61K8/37
(31) Priority Document No	:09161452.9
(32) Priority Date	:29/05/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056843
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/136360
	A2
(61) Patent of Addition to Application	:NA
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)HANSCH, THOMAS

2)EHLIS, THOMAS

3)WALLQUIST, OLOF

4)HERZOG, BERND

5)GIESINGER, JOCHEN

(57) Abstract :

Disclosed is the use of benzylidene malonates of formula wherein R-1 is methyl; ethyl; propyl; or n-butyl; if Ri is methyl, then R is tert. butyl; a radical of formula or a radical of formula R2 and R3, independently from each other are hydrogen; or methyl; R4 is methyl; ethyl; or n-propyl; R5 and R6 independently from each other are hydrogen; or C1-C3alkyl; if R-i is ethyl; propyl; or n-butyl, then R is isopropyl; for the protection of human and animal hair and skin against UV radiation.

No. of Pages : 73 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9860/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHTING DEVICE, DISPLAY DEVICE AND TELEVISION RECEIVER

(51) International classification :F21S2/00
(31) Priority Document No :2009-155493
(32) Priority Date :30/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/058285
Filing Date :17/05/2010
(87) International Publication No :WO 2011/001750
A1
(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)YOKOTA, MASASHI

(57) Abstract :

It is an object of the present invention to provide a lighting device realizing improvement in brightness of an intended area such as a center area of an irradiation surface. A lighting device 12 of the present invention includes a light source 17, a chassis 14 housing the light source 17, and an optical member 15a facing the light source 17. The optical member 15a has a light source overlapping portion DA overlapping with a light source arrangement area LA where the light source 17 is arranged, on the chassis 14, and a light source non-overlapping portion DN overlapping with a light source non-arrangement area LN where the light source 17 is not arranged. The light source overlapping portion DA has a surface facing the light source 17, the surface having a light reflectance greater than that of the light source non-overlapping portion DN. The light source overlapping portion DA includes a low light reflectance area LR having a surface facing the light source 17, the surface having a light reflectance smaller than that of a surrounding area in the light source overlapping portion DA.

No. of Pages : 82 No. of Claims : 18

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9861/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PARTICULATE METAL FUEL DESIGN INCLUDING THE SYMBIOTIC USE FOR SPENT LIGHT WATER REACTOR FUEL FOR RIGHT SIZED REACTIORS AND OTHERS REACTORS TYPES

(51) International classification	:G21C3/02
(31) Priority Document No	:61/182954
(32) Priority Date	:01/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035412
Filing Date	:19/05/2010
(87) International Publication No	:WO 2010/141218 A1
(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)WALTERS, LEON C.

(57) Abstract :

A metal particulate fuel system is described. The metal fuel system may include particulate metal fuel for use in nuclear reactors. The particulate metal fuel may include a plurality of particles of at least one enriched alloy where the particles are compacted into a fuel column. The metal particulate fuel system may also include a cladding and/or a gas-filled plenum.

No. of Pages : 29 No. of Claims : 21

(12) PATENT APPLICATION PUBLICATION

(21) Application No.990/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : ADJUSTABLE VERTICAL EXHAUST DUCT

(51) International classification	:H05K7/20
(31) Priority Document No	:61/222,528
(32) Priority Date	:02/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039449
Filing Date	:22/06/2010
(87) International Publication No	:WO 2011/002634 A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)ADDUCCI, SAMUEL, J.

3)EATON, ALVA, B.

4)MARRS, SAMUEL, M.

5)HIBNER, MZX, W.

(57) Abstract :

Certain embodiments of the present invention provide a vertical exhaust duct for an electronic equipment enclosure. The vertical exhaust duct includes a first duct section, a second duct section slidably connected to the first duct section and extendable to a first height above the first duct section, and a third duct section slidably connected to the second duct section and extendable to a second height above the second duct section.

No. of Pages : 34 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9900/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CEMENT CONTAINING MULTI-MODAL FIBERS FOR MAKING THERMAL SHOCK RESISTANT CERAMIC HONEYCOMB STRUCTURES

(51) International classification	:B01J35/04
(31) Priority Document No	:61/221,434
(32) Priority Date	:29/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039838
Filing Date	:24/06/2010
(87) International Publication No	:WO 2011/008462 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)PYZIK, ALEXSANDER, JOSEF
3)MALANGA, MICHAEL, T.
4)KWANHO, YANG

(57) Abstract :

A ceramic honeycomb structure comprised of at least two separate smaller ceramic honeycombs that have been adhered together by a cement comprised of inorganic fibers and a binding phase wherein the smaller honeycombs and fibers are bonded together by the binding phase which is comprised of an silicate, aluminate or alumino-silicate. The fibers have a multi-modal size distribution in which some fibers have lengths of up to 1000 micons and other fibers have lengths in excess of 1 mm. The cement composition may be made in the absence of other inorganic and organic additives while achieving a shear thinning cement, for example, by mixing oppositely charged inorganic binders in water together so as to make a useful cement composition for applying to the smaller honeycombs to be cemented.

No. of Pages : 22 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9877/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : TRANSPARENT FLUORESCENT STRUCTURES WITH IMPROVED FLUORESCENCE USING NANOPARTICLES, METHODS OF MAKING, AND USES

(51) International classification :C08K5/00
(31) Priority Document No :61/221,997
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040177
Filing Date :28/06/2010
(87) International Publication No :WO 2011/002704 A1
(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)BARAN, JIMMIE R., JR.
2)SYKORA, HAEEN
3)FANSLER, DUANE, D.
4)WILSON, BRUCE, B.

(57) Abstract :

Transparent fluorescent structures comprising a matrix and fluorescent nanoparticles disposed within the matrix. Each fluorescent nanoparticle comprises a substrate nanoparticle having a surface; and one or more fluorescent molecules that fluoresce light. Each fluorescent molecule is bonded to at least one reactive bonding site on the surface of the substrate nanoparticle. The fluorescent molecules are distributed among the substrate nanoparticles such that self-quenching of the fluorescent molecules is eliminated or at least reduced.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9881/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A DEEP HOLE DRILL

(51) International classification	:B23B51/00
(31) Priority Document No	:10 2009 031 193.9
(32) Priority Date	:29/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2010/000733
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/000355 A1
(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)DEEG, JURGEN

(57) Abstract :

The invention relates to a deep hole drill comprising at least one cutter (S), which is formed on a drill head and which has at least one cutting edge, the at least one cutter being divided into at least two sub-cutters (T1, T2) by at least one chip divider (ST) for dividing hole drill being characterized in that the sub-cutters (T1, T2) of at least one cutter are arranged relative to each other in such a way that the cutter normals (N1, N2) of at least two sub-cutters (T1, T2) are aligned at an angle of at least 20° to each other.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9882/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : ONE-WAY CLUTCH

(51) International classification	:F16D41/06
(31) Priority Document No	:2009-133351
(32) Priority Date	:02/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/058202
Filing Date	:14/05/2010
(87) International Publication No	:WO 2010/140457
	A1
(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)YONEYAMA, KOJI

(57) Abstract :

[Document Type] Patent Specification An object of the present invention is to provide a one-way clutch that can be manufactured less expensively and still operate in a stable manner. The one-way clutch (1) comprises an outer shaft (3), a roller (6), and a torsion coil spring (7). The outer shaft (3) is arranged around an outer circumference of the shaft member (2). The rollers (6) are arranged in a radial space between the shaft member (2) and the outer shaft (3). The torsion coil spring (7) serves as a member that applies a pushing force against the roller (6) utilizing a torsional spring force. The torsion coil spring (7) has a contact section (72) configured to contact a roller (6) in a rotation direction of the shaft member (2) and in a direction opposite the rotation direction of the shaft member (2).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9883/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DRAWER

(51) International classification	:A47B88/00
(31) Priority Document No	:20 2009 004 982.5
(32) Priority Date	:02/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/058895
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/000751
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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5)MEYER, BERND

6)MICHELSWIRTH, DENNIS

(57) Abstract :

The invention relates to a drawer (1) that can be extended from and retracted into a furniture body, comprising a bottom (2), a front panel (3), two lateral frames (4, 5), and a back wall (6) that is positively and/or non-positively connected to the end regions of the lateral frames (4, 5) via corner joints (7), wherein each corner joint (7) is made of a first connecting part (8) and a second connecting part (9) that is connected in a pivotable manner to the first. The second connecting part (9) comprises at least one detent means (12) that can be connected to the first connecting part (8) and/or to the back wall (6), wherein the second connecting part (8) is connected to an adapter (15) associated with the end region of the lateral frame (4, 5).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9884/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : MULTI-METALLIC CATALYST WITH A STRONG METALLIC INTERACTION

(51) International classification	:B01J23/62
(31) Priority Document No	:09/03.225
(32) Priority Date	:01/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000444
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/001042
	A3
(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)AVENIER, PRISCILLA

2)LACOMBE, SYLVIE

3)JUMAS, JEAN-CLAUDE

4)OLIVIER-FOURCADE, JOSETTE

(57) Abstract :

The invention concerns a catalyst comprising at least one metal M from group VIE, tin, a phosphorus promoter, a halogenated compound, a porous support and at least one promoter XI selected from the group constituted by gallium, indium, thallium, arsenic, antimony and bismuth. In ^{119}Sn Mossbauer spectroscopy, the catalyst in the reduced form has a signal with a quadripole splitting value in the range 0 to 0.45 mm/s and an isomer shift, IS, in the range 1.5 to 2.4 mm/s with respect to CaSnO_3 , said signal representing in the range 1% to 30% of the total area of the signals.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9901/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : INJECTION MOLDING APPARATUS FOR PRODUCING DRIP EMITTERS, AND METHOD THEREFOR

(51) International classification	:B29C45/03
(31) Priority Document No	:61/184,536
(32) Priority Date	:05/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2010/000445
Filing Date	:06/06/2010
(87) International Publication No	:WO 2010/140153
	A1
(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)FARKASH, ELI

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3)MAGIDESS, ARNON

(57) Abstract :

An injection-molding apparatus and method for producing drip emitters includes feed hopper, injection arrangement including feed barrel, heating element and injection nozzle for delivering the heated feed material, mold arrangement including a stationary mold, a rotating mold having at least two faces, each of the faces adapted to receive the material to form at least one drip emitter base and a drip emitter cover disposed substantially alongside the base, each of the faces rotates into a stop position opposite the stationary mold, a clamping assembly including a moving platen and a support plate adapted to support the platen, a robot assembly including a robot arm, and a gripping unit adapted to grip membrane units, and to effect placement of each of the membrane units within the respective drip emitter bases, and a controller, the robot assembly responsive thereto, the gripping unit places of the membrane units within each base.

No. of Pages : 28 No. of Claims : 32

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9902/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : COMPOSITIONS BASED ON DIISCOCYANATES OBTAINED FROM RENEWABLE RAW MATERIALS

(51) International classification	:C08G18/77
(31) Priority Document No	:102009027392.1
(32) Priority Date	:01/07/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/055414
Filing Date	:23/04/2010
(87) International Publication No	:WO 2011/000585
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
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(62) Divisional to Application Number	:NA
Filing Date	:NA

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6)SCHMIDT, HARALD
7)DINGERDISSEN, UWE

(57) Abstract :

The invention relates to compositions based on 2,5-diisocyanato-1,4:3,6-dianhydro-2,5-dideoxy-D-mannitol (I), 2,5-diisocyanato-1,4:3,6-dianhydro-2,5-dideoxy-D-glucitol (II) and/or 2,5-diisocyanato-1,4:3,6-dianhydro-2,5-dideoxy-L-iditol (III), alone or in any desired mixtures.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9903/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CERAMIC HONEYCOMB STRUCTURE WITH APPLIED INORGANIC SKIN

(51) International classification :C04B41/85
(31) Priority Document No :61/221,427
(32) Priority Date :29/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039835
Filing Date :24/06/2010
(87) International Publication No :WO 2011/008461 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MALANGA, MICHAEL, T.
4)KWANHO, YANG
5)MARTIN, STEVEN, J.

(57) Abstract :

A skin is applied to a ceramic honeycomb. The skin is formed by applying a skin-forming composition and drying it. The skin-forming composition includes a carrier liquid, colloidal silica and/or colloidal alumina, and an inorganic filler. The filler includes an inorganic fiber. The filler may contain low aspect ratio particles that have the same or nearly the same CTE as the inorganic fiber. The filler may include a small proportion of a low aspect ratio filler particle that has a different CTE than the inorganic filler.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9904/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CIRCULAR BAR-CODE FOR DRUG CONTAINER

(51) International classification	:G06K7/14
(31) Priority Document No	:09008498.9
(32) Priority Date	:30/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/059125
Filing Date	:28/06/2010
(87) International Publication No	:WO 2011/000798
	A1
(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)RUPP, PAUL

(57) Abstract :

A circular bar-code (1) for encoding information regarding at least one of a body or a content of a body is provided. The bar-code (1) encircles a central point (14) and is configured such that the information encoded by the bar-code (1) is readable along a closed line (15) encircling the central point (14). The circular bar-code (1) may be used for encoding a drug container (2), wherein the bar-code (1) is located at the front face (20) of the drug container (2) such that the information encoded by the bar-code (1) is readable from a front view to the drug container (2). The circular bar-code (1) may be applied to an element configured to be attached to the front end (21) of the drug container (2).

No. of Pages : 26 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9905/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : POLYETHYLENE MOULDING COMPOSITION

(51) International classification	:C08L23/08
(31) Priority Document No	:09008525.9
(32) Priority Date	:30/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/003792
Filing Date	:24/06/2010
(87) International Publication No	:WO 2011/000497
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A novel polyethylene composition is described. The composition is suitable for manufacturing especially stretched bands or tapes, also coined raffia in the art.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9906/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : POWER CONVERTOR

(51) International classification :H02M7/48

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP2009/062316
Filing Date :06/07/2009

(87) International Publication No :WO 2011/004450
A1

(61) Patent of Addition to Application
Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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(57) Abstract :

A power converter is installed in a casing 20 attached beneath the floor of an electric vehicle. The power converter includes a capacitor unit 6 and a power semiconductor module 5 housed in a hermetically sealed part 1 of the casing 20 closed by a cover 21 for closing an access port 23, and a cooler 4 installed in an exposed part 2, the cooler cooling heat generated from the power semiconductor module 5. The power converter includes a bus bar 8 that electrically connects the power semiconductor module 5 and the capacitor unit 6, and a conductive bar 3 that electrically connects the capacitor unit 6 and the bus bar 8. The conductive bar 3 is drawn from the upper surface 12 of the capacitor unit, and is bent into a crank.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9909/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIGHT-ACTIVATED ANTIMICROBIAL ARTICLE AND METHOD OF USE

(51) International classification :A61L9/20
(31) Priority Document No :61/221,865
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/039580
Filing Date :23/06/2010
(87) International Publication No :WO 2011/008441 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)WEISS, DOUGLASS, E.
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5)YLITALO, CAROLINE, M.

(57) Abstract :

A light-activated antimicrobial article is disclosed, consisting essentially of an acridine dye covalently bonded without a linking group to a nylon material. The article may be made using electron beam processing. The article in combination with light absorbed by the acridine dye may be used to inhibit the growth of microorganisms. A photosensitive nylon material in which the acridine dye is disposed on the nylon material may also be used. Medical kits that include a light source and an article having the acridine dye are disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.991/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : A CABLE BYPASS AND METHOD FOR CONTROLLED ENTRY OF A TUBING STRING AND CABLE ADJACENT THERETO

(51) International classification	:E21B17/00
(31) Priority Document No	:61/230,197
(32) Priority Date	:31/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/043188
Filing Date	:26/07/2010
(87) International Publication No	:WO 2011/014440 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A system and methodology for controlled entry of a tubing string, and cable adjacent thereto, into a wellbore. A stationary housing is fit to a wellhead and has a bore in communication with the wellbore. The cable can be laterally displaced from the bore into a cable access formed into the housing's side wall for fitting a sealing assembly to the bore and engages a scaling surface therein. The sealing assembly seals tubulars passing there through. The cable access interrupts the sealing surface. A cable bypass sub is fit to the cable access and permits the cable to extend sealingly from above the sealing surface to the wellbore wherein the cable bypasses the sealingly assembly and sealing surface. A seal reconstitutes the interrupted portion of the sealing surface at the cable access.

No. of Pages : 43 No. of Claims : 22

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9911/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPARATUS FOR MEASURING BIOMATERIAL AND METHOD FOR MANUFACTURING SAME

(51) International classification :G01N27/26
(31) Priority Document No :10-2009-0048672
(32) Priority Date :02/06/2009
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2010/002737
Filing Date :30/04/2010
(87) International Publication No :WO 2010/140772 A3
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)CHOI, JAE-KYU

(57) Abstract :

The present invention relates to an apparatus for measuring biomaterial and a method for manufacturing thereof The apparatus of the present invention comprises: a first substrate having a recess in one side thereof; a second substrate having a plurality of reaction electrodes where a biochemical reaction of a biomaterial occurs, and a plurality of delivery electrodes delivering signals from the reaction to a detector; and reaction reagents located in the recess causing the reaction with the biomaterial. The second substrate is attached to the first substrate such that a portion of the recess forms a sample-inlet, the recess cooperates with at least one edge of the second substrate to form at least one vent slit, and the reaction electrodes are directed toward the recess. Such apparatus of the present invention enables air in the capillary to be thoroughly and quickly discharged to the outside with biomaterial-introduction, thereby increasing the speed of the biomaterial-introduction.

No. of Pages : 30 No. of Claims : 12

(12) PATENT APPLICATION PUBLICATION

(21) Application No.992/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : PRODUCING SPINNABLE AND DYEABLE POLYESTER FIBERS

(51) International classification	:D01F6/92
(31) Priority Document No	:09166985.3
(32) Priority Date	:31/07/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/060843
Filing Date	:27/07/2010
(87) International Publication No	:WO 2011/012598
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72)Name of Inventor :

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2)SCHEUERMANN, KLAUS

(57) Abstract :

The present invention relates to a process for producing dyed polyester fibers (C) from a terephthalate polyester (A), at least one polyester-containing additive (B) and optionally at least one component (G). The polyester-containing additive is obtainable by condensation of the monomers of an aliphatic 1,0-diol, of an aliphatic 1,0-dicarboxylic acid and of an aromatic 1,0-dicarboxylic acid. Optionally, chain extenders (V) are also used in the production of the polyester-containing additive (B). For fiber production, the components (A), (B) and optionally (G) are mixed, melted in an extruder and extruded through spinneret dies. These polyester fibers (C) are preferably used in the production of dyed textile fabrics (F).

No. of Pages : 24 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9888/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HOT AISLE CONTAINMENT COOLING UNIT AND METHOD FOR COOLING

(51) International classification	:H05K7/20
(31) Priority Document No	:12/477,638
(32) Priority Date	:03/06/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/035212
Filing Date	:18/05/2010
(87) International Publication No	:WO 2010/141205 A2
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(57) Abstract :

A cooling unit, which is configured to contain and cool air between two rows of equipment racks defining a hot aisle, includes a housing configured to be secured mounted on the two rows of equipment racks such that the housing spans the hot aisle, a heat exchanger supported by the housing and coupled to and in fluid communication with a coolant supply and a coolant return, and an air movement assembly supported by the housing and configured to move air over the heat exchanger. Other embodiments of the cooling unit and methods of cooling are further disclosed.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9890/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS OF INTEGRATING MULTIPLE MANAGEMENT DOMAINS

(51) International classification :G06F3/14
(31) Priority Document No :61/183,374
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037091
Filing Date :02/06/2010
(87) International Publication No :WO 2010/141601 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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8)THOMPSON, GREGORY, ALLEN

9)PERDUCAT, CYRIL

10)LONDON, PHILIP, E.

11)CONNOR, JOHN

(57) Abstract :

An integrated solution strategy that integrates multiple domains together in a seamless and standardized way for increasing a users control over facilities and equipment. This integrated approach can lead to a reduction of energy usage, more efficient energy usage, increased safety, health, and security of a facility and its occupants, optimized production in industrial settings, and associated and other economic advantages. Accurate, reliable information about a facility or equipment is essential to making timely, informed decisions. Enhanced automation provides a reliable means of collecting and assembling a variety of operating data and archiving that data into a central database for evaluation, reporting, forecasting, and negotiation with resource marketers.

No. of Pages : 69 No. of Claims : 49

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9896/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DELIVERY DEVICE WITH SENSOR AND ONE OR MORE CANNULAS

(51) International classification	:A61M5/172
(31) Priority Document No	:09167445.7
(32) Priority Date	:07/08/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/061497
Filing Date	:06/08/2010
(87) International Publication No	:WO 2010/015659
	A1
(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)GYRN, STEFFEN

(57) Abstract :

The invention concerns a base part for a medication delivery device. The base part is during use fastened to a patient's skin and connected to a cannula part which cannula part is positioned at least partly subcutaneous. The base part is also connected to a sensor unit which can detect one or more components e.g. glucose content in the patients blood. The base part comprises fastening means (15) which fastening means (15) releasably attach the reservoir/delivery part to the base part during use and a first fluid path or means corresponding to a first fluid path from a reservoir permitting a flow of fluid between the reservoir/delivery part and the base part when the reservoir/delivery part is attached to the base part, the first fluid path comprises means (17) for interrupting the fluid flow when the detachable reservoir/delivery part is not attached to the base part (1) and opening the fluid path (19) when the delivery part is attached to the base part (1). The base part (1) also comprises a lower mounting surface (2) and one or more openings (12A, 12C) through which two or more subcutaneous units (7,70) in the form of at least one cannula and at least one sensor part or at least two cannulas extend and it comprises a second fluid path permitting a flow of fluid from the outlet of the first fluid path to an inlet of a subcutaneously positioned cannula (22, 22a, 22b) during use, and a signal path is provided from the reservoir/delivery part to a sensor contact part. The base part is characterized in that the second fluid path is in fluid connection with an end opening of a subcutaneously positioned cannula during use.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9898/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PROCESS FOR PREPARING A MULTI-METALLIC CATALYST WITH OPTIMIZED SITE PROXIMITIES

(51) International classification	:B01J23/62
(31) Priority Document No	:09/03.226
(32) Priority Date	:01/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000443
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/012776
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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3)CAUFFRIEZ, HERVE

(57) Abstract :

The invention concerns a process for preparing a catalyst comprising at least one metal M from the platinum group, tin, a phosphorus promoter, a halogenated compound, a porous support and at least one promoter XI selected from the group constituted by gallium, indium, thallium, arsenic, antimony and bismuth. The promoter or promoters XI and the phosphorus are introduced during one or more sub-steps a1) or a2), the sub-step a1) corresponding to synthesis of the precursor of the main oxide and sub-step a2) corresponding to shaping the support. The tin is introduced during at least one of sub-steps a1) and a2). The product is dried and calcined before depositing at least one metal M from the platinum group. The ensemble is then dried in a stream of neutral gas or a stream of gas containing oxygen, and then is dried. The invention also concerns the use of a catalyst obtained by said process in catalytic reforming or aromatics production reactions.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9899/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A METHOD FOR PRODUCING A FERMENTED MILK PRODUCT

(51) International classification	:A23C9/123
(31) Priority Document No	:PA 2009 00815
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/EP2010/059303
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/000879
	A2
(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)FOLKENBERG, DITTE MARIE

2)POULASEN, LONE

(57) Abstract :

The present invention relates to a method for producing a fermented milk product with enhanced gel stiffness.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9930/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : TRANSPARENT CONDUCTIVE FILM

(51) International classification	:C23C14/08
(31) Priority Document No	:2009-155471
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/004174
Filing Date	:23/06/2010
(87) International Publication No	:WO 2011/001631
	A1
(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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CHIYODA-KU, TOKYO 100-8321 Japan
(72)**Name of Inventor :**
1)MATSUBARA, MASAHIITO
2)OHYAMA, MASASHI

(57) Abstract :

A transparent conductive film which is an indium zinc oxide film comprising In₂O₃ crystals, and has an X-ray diffraction peak using a CuK α ray that appears within at least one area selected from areas ranging from 2 θ = 35.5° to 37.0°, 39.0° to 40.5° and 66.5° to 67.8°, wherein the peak intensities of peaks that appear within areas ranging from 2 θ = 30.2° to 30.8° and 54.0° to 57.0° are 20% or less of the peak intensity of the main peak.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9931/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR PREPARING DIFLUOROACETIC ACID

(51) International classification :C07C51/09

(31) Priority Document No :09 03184

(32) Priority Date :30/06/2009

(33) Name of priority country :France

(86) International Application No :PCT/EP2010/059142

Filing Date :28/06/2010

(87) International Publication No :WO 2011/000804

A1

(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)BUISINE, OLIVIER

2)CHIOVATO, ALESSANDRO

(57) Abstract :

The present invention relates to a novel method for preparing difluoroacetic acid. The method of the invention for preparing difluoroacetic acid is characterised in that it includes: reacting a difluoroacetic acid ester with an aliphatic carboxylic acid which, after transesterification, results in the formation of difluoroacetic acid and the corresponding carboxylic acid ester; the carboxylic acid being selected such that the ester of said carboxylic acid has a lower boiling point than that of difluoroacetic acid; and removing the ester of said carboxylic acid by distillation as said ester forms, thus enabling the difluoroacetic acid to be recovered.

No. of Pages : 20 No. of Claims : 14

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9934/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : APPLICATOR

(51) International classification	:A24C5/00
(31) Priority Document No	:0911260.8
(32) Priority Date	:30/06/2009
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2010/059267
Filing Date	:30/06/2010
(87) International Publication No	:WO 2011/000861
	A1
(61) Patent of Addition to Application	:NA
Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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2)TOBACCO RESEARCH AND DEVELOPMENT INSTITUTE (PROPRIETARY) LIMITED

(72)Name of Inventor :

1)FALLON, GARY

2)LE ROUX, GERHARD

(57) Abstract :

An applicator operable to apply an additive to a smoking article wrapping material comprises a conveyance mechanism for conveying the wrapping material along a path and an inlet to receive a gaseous flow for entraining additive, the applicator being configured such that in use, additive entrained in the gaseous flow is caused to be diverted towards the wrapping material.

No. of Pages : 26 No. of Claims : 28

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9936/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CHAMFER CUTTING DEVICE

(51) International classification	:B26D3/00
(31) Priority Document No	:61/222,323
(32) Priority Date	:01/07/2009
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2010/039960
Filing Date	:25/06/2010
(87) International Publication No	:WO 2011/002681 A3
(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)GABEL, MARK, R.

(57) Abstract :

Chamfer cutting devices are described. The chamfer cutting devices include a mounting bracket, an electromagnet rigidly attached to the mounting bracket, a hold/release arm magnetically coupled to the electromagnet, a chamfer former rigidly attached to the hold/release arm, wherein the chamfer cutter comprises two bending beams, each terminating in a chamfer point, and a blade rigidly connected to the mounting bracket and positioned between the chamfer points. Dispensers incorporating such chamfer cutting devices and methods of chamfer cutting are also described.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9937/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PRODUCTION OF FATTY ALCOHOLS WITH FATTY ALCOHOL FORMING ACYL-COA REDUCTASES (FAR)

(51) International classification :C12P7/64
(31) Priority Document No :61/221,934
(32) Priority Date :30/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/040368
Filing Date :29/06/2010
(87) International Publication No :WO 2011/008535 A1
(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)MCDANIEL, ROBERT

2)BEHROUZIAN, BEHNAZ

3)CLARK, LOUIS

4)HATTENDORF, DOUGLAS

5)VALLE, FERNANDO

(57) Abstract :

The disclosure relates to methods of producing fatty alcohols from recombinant host cells comprising genes encoding heterologous fatty acyl-CoA reductase (FAR) enzymes. The disclosure further relates to FAR enzymes and functional fragments thereof derived from marine bacterium and particularly marine gamma proteobacterium such as Marinobacter and Oecenobacter; polynucleotides encoding the FAR enzymes and vectors and host cells comprising the same.

No. of Pages : 127 No. of Claims : 47

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9939/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : OVERVOLTAGE PROTECTION MODULE AND PROTECTION UNIT COMPRISING ONE SUCH MODULE

(51) International classification	:H01H83/10
(31) Priority Document No	:0903252
(32) Priority Date	:02/07/2009
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2010/000423
Filing Date	:10/06/2010
(87) International Publication No	:WO 2011/001040
	A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SCHNEIDER ELECTRIC INDUSTRIES SAS
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(72)**Name of Inventor :**
1)DOMEJEAN, ERIC
2)COURT, FREDERIC

(57) Abstract :

An overvoltage protection module 20 comprising at least one variable resistor 1 mechanically connected to drive means 10 by a first thermal separator P1. Melting of the first separator P1 releases movement of the drive means 10. Said first thermal separator PI comprises a first melting time constant σ_1 and a first melting temperature T1. The variable resistor 1 is mechanically connected to the drive means 10 by a second thermal separator P2, melting of the second separator P2 releasing movement of the movable drive means 10. Said second thermal separator P2 comprises a second melting time constant σ_2 and a second melting temperature T2, the second temperature T2 being higher than the first temperature T1 and the first time constant σ_1 being higher than the second time constant σ_2 .

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9885/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : 2-COMPONENT LAMINATING ADHESIVE

(51) International classification	:C08G59/18
(31) Priority Document No	:102009027329.8
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2010/056310
Filing Date	:10/05/2010
(87) International Publication No	:WO 2011/000619
	A1
(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)EICHELMANN, HOLGER

2)HOLTGEN, MICHAEL

(57) Abstract :

The invention relates to a two-component composition consisting of a component A containing a polymer with a molecular weight of 250 to 5000 g/mol which has at least 2 epoxy groups per molecule, a component B containing a compound of the formula (I) R1-phenyl-(-O- R2)a where R1 = H, C1 to C6 - alkyl, a = 1, 2, or 3, R2 = -O-CH2-CHOH-CH2-NH-CH2-phenyl-CH2- NH2, wherein the epoxy/NH ratio of the components A to B is between 0.75:1 to 1.25:1.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9886/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :28/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : AMINO PYRIMIDINE ANTICANCER COMPOUNDS

(51) International classification :C07D401/12
(31) Priority Document No :61/182,898
(32) Priority Date :01/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036808
Filing Date :01/06/2010
(87) International Publication No :WO 2010 /141406
A2
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

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2)CHEN, XIN

3)CHILUKURI, RAMESH

4)CREW, ANDREW, P.

5)DONG, HANQING

6)FERRARO, CATERINA

7)FOREMAN, KENNETH

8)GUPTA RAMESH, C.

9)LI, AN-HU

10)SHERMAN, DAN

11)STOLZ, KATHRYN, M.

12)VOLK, BRIAN

13)ZAHLER, ROBERT

(57) Abstract :

Compounds of Formula 1, as shown below and defined herein: and pharmaceutically acceptable salts, synthesis, intermediates, formulations, and methods of disease treatment therewith, including cancers mediated at least in part by FAK.

No. of Pages : 303 No. of Claims : 20

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9951/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A METHOD FOR THE PREPARATION OF 2 KETO CARBOXYLIC ACID

(51) International classification	:C12P7/50
(31) Priority Document No	:09162079.9
(32) Priority Date	:05/06/2009
(33) Name of priority country	:EPO
(86) International Application No	:PCT/EP2010/056345
Filing Date	:05/06/2009
(87) International Publication No	:WO 2010/139527
	A3
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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1)KARAU, ANDREAS
2)MORIN, NICOLAS
3)GERSTMEIR, ROBERT

(57) Abstract :

The present invention refers to a method for the preparation of 2-keto carboxylic acid having the general formula $R-1-CO-COOH$, wherein R1 is a branched alkyl group having 3 to 7 carbon atoms, or a salt thereof, comprising a fermentation step wherein a microorganism is grown in a culture medium in order to provide a culture broth containing 2-keto carboxylic acid or a salt thereof.

No. of Pages : 21 No. of Claims : 26

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9952/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DEVICE FOR THE TESTING OF EQUIPMENT OF HIGH VOLTAGE TECHNOLOGY

(51) International classification :G01R31/12
(31) Priority Document No :10 2009 023 713.5
(32) Priority Date :03/06/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2010/002426
Filing Date :21/04/2010
(87) International Publication No :WO 2010/139382
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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VERWALTUNGS AG**
(72)Name of Inventor :
1)ANNOWSKY, RENE
2)THIEDE, ANDREAS

(57) Abstract :

The present invention relates to a device for testing high-voltage equipment, particularly power transformers (15) or inductors. According to the invention, the required potential separation (11/1,11/2) for suppressing asymmetrical interferences is shifted to the input side (2) of the static frequency inverter (18,19,20), that is, to the grid side (4).

No. of Pages : 12 No. of Claims : 4

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9955/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : CONTINUOUS ANALYSIS DEVICE AND SAMPLE COMPONENT CONTROL SYSTEM

(51) International classification :A61B5/1473
(31) Priority Document No :2009-156447
(32) Priority Date :30/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/060895
Filing Date :25/06/2010
(87) International Publication No :WO 2011/001916
A1
(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)IKETANI, KAZUYA

2)KATSUKI, KOJI

3)KUSAKA, YASUhide

(57) Abstract :

A continuous analysis apparatus capable of transmitting information about components in body fluid to another apparatus such as medicine dosing apparatus more correctly without giving a user displeasure. The continuous analysis apparatus according to the present invention includes a sensing unit 2 including a sensor that is held in subcutaneous tissue for obtaining information with respect to an objective substance in a sample,- and a data holding unit 3 having a storage means for storing the information obtained from the sensor or data corresponding to the information, the sensing unit and the data holding unit having configuration so that they are separably joined to each other.

No. of Pages : 44 No. of Claims : 15

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9958/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : BEND SEGMENT AND METHOD FOR MANUFACTURING A BEND SEGMENT

(51) International classification :B65G21/16
(31) Priority Document No :MI2009A001057
(32) Priority Date :16/06/2009
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2010/058497
Filing Date :16/06/2010
(87) International Publication No :WO 2010/146098
A1
(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)ANDREOLI, ANDREA
2)COEN, DANIELE

(57) Abstract :

A bend segment for a conveyor, having at least one curvedly extending guide track for guiding a conveyor along a curve, the bend segment comprising a base portion and at least two rails forming a guide track, wherein the rails are each fixedly mounted to the base portion as a separate section in a keyed arrangement along a curved mounting path.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9975/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :30/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DIAGNOSTIC METHOD FOR PREDICTING THE RISK OF CANCER RECURRENCE BASED ON HISTONE MACROH2A ISOFORMS

(51) International classification :G01N33/574

(31) Priority Document No :09008679.4

(32) Priority Date :02/07/2009

(33) Name of priority country :EPO

(86) International Application No :PCT/EP2010/004008

Filing Date :02/07/2010

(87) International Publication No :WO 2011/000573

A1

(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)LADURNER, ANDREAS

2)SPORN, JUDITH

3)MULEY, THOMAS

(57) Abstract :

The present invention relates to a method for diagnosing the risk of cancer recurrence in a mammalian patient, comprising detecting the expression of macroH2A1.1 and/or macroH2A2 in a biological sample obtained from said patient, wherein a low or reduced expression of said macroH2A1.1 and/or macroH2A2 is indicative for an increased risk of cancer recurrence in said patient. The present invention is further directed at improved methods for treating cancer, in particular breast and/or lung cancer, based on said diagnostic method.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9940/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR GENERATING A GENETICALLY MODIFIED MICROBE

(51) International classification :C12N1/16
(31) Priority Document No :61/183,031
(32) Priority Date :01/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/036861
Filing Date :01/06/2010
(87) International Publication No :WO 2010/141438 A1
(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)UBERSAX, JEFFREY, A.

(57) Abstract :

Provided herein are methods of generating genetically modified microorganisms, e.g., genetically modified yeast strains, which comprise functional disruptions in one or more pheromone response genes and one or more sporulation genes, and genetically modified yeast cells, e.g., genetically modified diploid and haploid yeast cells, that lack sporulation capability and endogenous mating capability, produced thereby.

No. of Pages : 225 No. of Claims : 40

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9941/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : OBTURATOR VALVE FOR A COUPLING DEVICE FOR PIPES

(51) International classification :F16K1/24
(31) Priority Document No :0954430
(32) Priority Date :29/06/2009
(33) Name of priority country :France
(86) International Application No :PCT/IB2010/052966
Filing Date :29/06/2010
(87) International Publication No :WO 2011/001377
A1
(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)TORTEL, DAMIEN
2)PASTEL, CECILE
3)LE DEVEHAT, RENAUD

(57) Abstract :

A valve (2) is concerned comprising an obturator (16) maintained in a resting position against a seat (14) through the action of a first force generated by pre loading means (38), further comprising means (28) for rotating the obturator (16) to place the valve in an open or closed position, characterized in that the valve comprises means (26, 40) for translating the obturator to move the obturator (16) such that a gap (j1) is created between the obturator (16) and the seat (14), the translating means being adapted to drive the obturator (16) to move in translation independently of the rotational movement of that obturator (16).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9942/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : WATER TREATMENT APPARATUS AND A METHOD FOR CLEANING A FILTER LAYER OF A WATER TREATMENT APPARATUS

(51) International classification	:B01D29/66
(31) Priority Document No	:2009-155435
(32) Priority Date	:30/06/2009
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2010/060108
Filing Date	:15/06/2010
(87) International Publication No	:WO 2011/001819
	A1
(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)MIMURA, HITOSHI
2)MUKAI, KIYOKAZU

(57) Abstract :

A water treatment apparatus including one or a plurality of mixed raw water stream jet nozzles (7), a filtering tank (5) housing a filter layer (4) disposed below the mixed raw water stream jet nozzle or nozzles, the filter layer consisting of an upper layer (2) and a lower layer (3) and the upper layer containing a filter material which has a smaller specific gravity and a larger particle diameter than a filter material of the lower layer, a water collecting and distributing pipe (13) for taking out water filtered through the filter layer and supplying reverse stream cleaning water to the filter layer during reverse cleaning, filter material vibrating means for vibrating a filter material of the upper layer which includes a vibrating element (9) connected to a power source and vibration expanding element (10) which is buried in the upper layer for transmitting vibration of the vibrating element, and an overflow outlet (12) provided in the filtering tank above the filter layer.

No. of Pages : 59 No. of Claims : 13

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9943/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHODS FOR TREATING HEPATIC ENCEPHALOPATHY

(51) International classification :A01N43/42
(31) Priority Document No :61/183,513
(32) Priority Date :02/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037131
Filing Date :02/06/2010
(87) International Publication No :WO 2011/005388 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)MERCHANT, KUNAL
4)SHAW, AUDREY

(57) Abstract :

Treatment of hepatic encephalopathy using gastrointestinal specific antibodies is disclosed. One example of a gastrointestinal specific antibiotic is rifaximin. The instant application also provides methods for determining if a subject has a neurological condition or hepatic encephalopathy by determining the critical flicker frequency and/or the venous ammonia level of the subject at two or more time points. The further provided are methods for treating these subjects

No. of Pages : 173 No. of Claims : 74

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9945/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : MICROORGANISMS FOR THE PRODUCTION OF 1,4-BUTANEDIOL AND RELATED METHODS

(51) International classification :C12P7/16
(31) Priority Document No :61/184,311
(32) Priority Date :04/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/037544
Filing Date :04/06/2010
(87) International Publication No :WO 2010/141920 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)HASELBECK, ROBERT

4)PUJOBAXLEY, CATHERINE, J.

5)NIU, WEI

6)TRAWICK, JOHN, D.

7)YIM, HARRY

8)BURK, MARK, J.

9)OSTERHOUT, ROBIN, E.

10)SUN, JUN

(57) Abstract :

The invention provides non-naturally occurring microbial organisms comprising a 1,4-butanediol (BDO) pathway comprising at least one exogenous nucleic acid encoding a BDO pathway enzyme expressed in a sufficient amount to produce BDO and further optimized for expression of BDO. The invention additionally provides methods of using such microbial organisms to product BDO.

No. of Pages : 339 No. of Claims : 37

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9922/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : METHOD FOR REFINING CRUDE TEREPHTHALIC ACID

(51) International classification :C07C51/487
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/JP2009/003153
Filing Date :07/07/2009
(87) International Publication No :WO 2011/004429
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)HIROYUKI TOYOSHIMA
3)HATSUTARO YAMAZAKI

(57) Abstract :

With current methods for manufacturing refined terephthalic acid by means of a hydrogenation reaction of a crude terephthalic acid aqueous solution by means of a precious-metal-supporting activated carbon catalyst, excessive condition settings and extra equipment are used for setting safely in order to ensure quality under the present situation, when setting the hydrogenation reaction conditions based on an increase in production, new equipment or other variations in the amount of production. Disclosed is a method for refining crude terephthalic acid having more economical reaction conditions and stable quality with good reproducibility. With the method for refining crude terephthalic acid, crude terephthalic acid is dissolved in water to form an aqueous solution that is then supplied together with hydrogen gas to the top of an activated carbon catalyst bed. Said aqueous reaction solution is supplied until it rises above the catalyst bed, and by means of a type of reaction vessel that forms/retains a hydrogen-containing gas phase portion above the surface of said aqueous solution, said aqueous solution dissolves (absorbs) hydrogen contained in the upper gas phase portion from the gas-liquid interface, after which the hydrogenation reaction occurs while said solution flows down through the catalyst bed. In addition, the hydrogenation reaction occurs while the hydrogen partial pressure of the gas phase portion at the upper part of the catalyst bed is maintained, based on its relationship with the downward superficial velocity of the respective reaction liquid, in a partial pressure range that is calculated based on the correlation of the hydrogen partial pressure (H2.PP) with the downward superficial velocity (LV) , and with the superficial velocity of said aqueous reaction solution that flows down through the catalyst bed introduced as a determining condition.

No. of Pages : 64 No. of Claims : 5

(54) Title of the invention : LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02F1/1343
 (31) Priority Document No :2009-164984
 (32) Priority Date :13/07/2009
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2010/053812
 Filing Date :08/03/2010
 (87) International Publication No :WO 2011/007598
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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5)NAKAMURA MASAOKO
6)OHTAKE TADASHI

(57) Abstract :

The present invention provides a liquid crystal display device providing uniform display without lowering the transmissivity. The present invention is a liquid crystal display device comprising: a first substrate and a second substrate positioned to face the first substrate; and a liquid crystal layer interposed between the first substrate and the second substrate, wherein the liquid crystal layer contains liquid crystal molecules having positive dielectric anisotropy, the liquid crystal molecule is aligned in a direction vertical to a surface of the first substrate when voltage is not applied, the first substrate comprises a pixel electrode and a common electrode, each comprising a core portion and a comb-tooth portion, the comb-tooth portions of the pixel electrode and of the common electrode are arranged in parallel with each other and alternately engaged at a constant interval, the core portion of the common electrode comprises two parallel portions that are in parallel with the longitudinal direction of the comb-tooth portion of the common electrode, the two parallel portions are each positioned outside the outermost comb-tooth portions of the pixel electrode, and $(W - S) / (L + S)$ satisfies $2n + 1$, in which W represents a distance between the two parallel portions, L represents the width of each of the comb-tooth portions of the pixel electrode and the common electrode, "S" represents a distance between a comb-tooth portion of the pixel electrode and an adjacent comb-tooth portion of the common electrode and also represents a distance between one of the outermost comb-tooth portions of the pixel electrode and one of the two parallel portions, and n represents the number of the comb-tooth portions of the common electrode.

No. of Pages : 37 No. of Claims : 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9924/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A VERSATILE DISTRIBUTION TRANSFORMER

(51) International classification :H01F27/40
(31) Priority Document No :61/186,140
(32) Priority Date :11/06/2009
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2010/038319
Filing Date :11/06/2010
(87) International Publication No :WO 2010/144805 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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2)LANOUE, THOMAS, J.

(57) Abstract :

A versatile distribution transformer (10) having an electromagnetic transformer (12) and a power electronic module (14) is provided. A pocket (100) having connectors electrically connected to at least one winding structure (22) of the electromagnetic transformer (12) is mounted above the electromagnetic transformer (12). The power electronic module (14) is removably mounted in a cavity of the pocket (100). The power electronic module (14) includes a plurality of semiconductor switching devices and a plurality of connectors adapted to slidably engage the connectors of the pocket (100). The power electronic module (14) is movable between a removed position, wherein the power electronic module (14) is located outside the pocket (100), and an installed position, wherein power electronic module (14) is disposed in the cavity of the pocket (100) and the connectors of the power electronic module (14) engage the connectors of the pocket (100) so as to electrically connect the power electronic module (14) to the at least one winding structure (22).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9926/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DRIVE SYSTEM FOR A PASSENGER TRANSPORT INSTALLATION

(51) International classification :B66B23/02
(31) Priority Document No :10 2009 034 346.6
(32) Priority Date :23/07/2009
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2010/000841
Filing Date :21/07/2010
(87) International Publication No :WO 2011/009442 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)THIEL, ALFRED

(57) Abstract :

The invention relates to a drive system for transport means of a passenger transport installation, in particular an escalator or a moving walkway, wherein the transport means, in particular steps or pallets, are operatively connected to pulling elements and the pulling elements can be moved in the transport direction by means of at least one electric motor provided with a gear train, wherein the electric motor containing the gear train is positioned in one of the reversing areas of the transport means, at least one further electric motor interacting with a gear train is arranged in the course of the transport path, and at least some of the electric motors are designed to have approximately the same power, wherein the one electric motor is provided for the reversal of the transport means and the further electric motor is provided exclusively for the linear motion of the transport means.

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9927/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : USE OF NEOPHYTADIENE AS ADDITIVE FOR LIQUID CIGARETTE

(51) International classification :C07C11/12
(31) Priority Document No :200910012125.5
(32) Priority Date :19/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073621
Filing Date :07/06/2010
(87) International Publication No :WO 2010/145469 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

Neophytadiene used as additive for liquid cigarette can improve aroma and evaporation rate thereof. The liquid cigarette is composed of from 25 to 99.9% by weight percentage of atomized liquid and from 0.01 to 75% by weight percentage of neophytadiene.

No. of Pages : 7 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9928/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : HIGH-FREQUENCY INDUCTION ATOMIZATION DEVICE

(51) International classification :A61M11/00
(31) Priority Document No :200920014690.0
(32) Priority Date :19/06/2009
(33) Name of priority country :China
(86) International Application No :PCT/CN2010/073613
Filing Date :07/06/2010
(87) International Publication No :WO 2010/145468 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LI, WENBO

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(72)Name of Inventor :

1)LI, WENBO

(57) Abstract :

A high-frequency induction atomization device for delivering physiological active substance in atomizing form into a lung for absorption through a respiratory tract includes a housing and an atomizing core (1), a high-frequency generator (6), a sensor (7) and a power supply unit (10) provided in the housing. The power supply unit (10), the sensor (7) and the high-frequency generator (6) are installed in the housing sequentially. The sensor (7) and the high-frequency generator (6) are electrically connected with the power supply unit (10) respectively. The high-frequency generator (6) is provided with an air hole (5), the high-frequency generator (6) is provided with a high frequency coil (3), the atomizing core (1) installed in the housing is inserted into the high frequency coil (3), a gap functioned as a gas flow channel is left between the atomizing core (1) and the high frequency coil (3). The inspiration end of the housing is provided with an air entry (16), and the housing is provided with an inflow port (9). The exothermic electric current of the atomizing core (1), which is stable in performance, is produced by the high-frequency induction. The atomizing core (1) is removable, low in cost, and easy in batch process. The quantitative atomizing is realized by replacing atomizing core (1).

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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9929/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : PREPARATION AND CYRSTALLISATION OF S-[2-[1-(2-ETHYLBUTYL)CYCLOHEXYLCARBONYLAMINO]-PHENYL]-2-METHYLTHIOPROPIONATE

(51) International classification	:C07C327/	(71)Name of Applicant :
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(32) Priority Date	:01/07/2009	Address of Applicant :124 GRENZACHERSTRASSE, CH-
(33) Name of priority country	:EPO	4070 BASEL Switzerland
(86) International Application No	:PCT/EP2010/059112	(72)Name of Inventor :
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(87) International Publication No	:WO 2011/000793	2)HARNETT, GERARD JOHN
	A3	3)HIDBER, PIRMIN
(61) Patent of Addition to Application	:NA	4)HOFFMANN, URSULA
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Filing Date	:NA	6)REENTS, REINHARD
(62) Divisional to Application Number	:NA	7)SMITH, DENNIS A.
Filing Date	:NA	8)SMYTH, TIMOTHY

(57) Abstract :

The present invention relates to a process for the preparation of S-[2-[1-(2-ethylbutyl)cyclohexylcarbonylamino]-phenyl] 2-methylthiopropionate which is a useful pharmaceutical active compound.

No. of Pages : 39 No. of Claims : 16

(12) PATENT APPLICATION PUBLICATION

(21) Application No.993/CHENP/2012 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : PRODRUGS COMPRISING AN INSULIN LINKER CONJUGATE

(51) International classification :A61K47/48
(31) Priority Document No :09167027.3
(32) Priority Date :31/07/2009
(33) Name of priority country :EPO
(86) International Application No :PCT/EP2010/061159
Filing Date :30/07/2010
(87) International Publication No :WO 2011/012718
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present invention relates to a prodrug or a pharmaceutically acceptable salt thereof comprising an insulin linker conjugate D-L, wherein D represents the insulin moiety; and -L is a non-biologically active linker moiety -L represented by formula (I), wherein the dashed line indicates the attachment to one of the amino groups of the insulin by forming an amide bond. The invention further relates to pharmaceutical compositions comprising said prodrugs as well as their use as a medicament for treating or preventing diseases or disorders which can be treated by insulin.

No. of Pages : 100 No. of Claims : 71

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9946/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :29/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : NOVEL ORGANIC COMPOUND AND ORGANIC LIGHT-EMITTING DEVICE

(51) International classification :C07C13/62
(31) Priority Document No :2009-155667
(32) Priority Date :30/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/057841
Filing Date :27/04/2010
(87) International Publication No :WO 2011/001741
A1
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

The present invention provides organic compounds which are indenobenz[k]fluoranthene derivatives represented by the following general formula (1): In general formula (1), R1 to R14 are each independently-selected from a hydrogen atom, a halogen atom, an alkyl group, an alkoxy group, an amino group, an aryl group, and a heterocyclic group.

No. of Pages : 73 No. of Claims : 7

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9845/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : LIQUID CRYSTAL PANEL AND LIQUID CRYSTAL DISPLAY DEVICE

(51) International classification :G02F1/1343
(31) Priority Document No :2009-179941
(32) Priority Date :31/07/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001908
Filing Date :17/03/2010
(87) International Publication No :WO 2011/013269
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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5)TADASHI OHTAKE
6)MASAKO NAKAMURA

(57) Abstract :

A liquid crystal panel (2) includes a pair of substrates (10, 20) and a liquid crystal layer (30) sandwiched between the substrates (10, 20). At least one of the substrate (10, 20) is provided with combtooth electrodes (12, 13). The liquid crystal layer (30) is driven by a transverse electric field generated between the combtooth electrodes (12, 13). The liquid crystal layer (30) contains liquid crystal molecules (31) that align themselves perpendicularly to surfaces of the substrates when no electric field is applied. The liquid crystal panel 2 satisfies $0.33 < S/(S+L) < 0.64$, where L is the width of each of the combtooth electrodes (12,13) and S is the electrode interval.

No. of Pages : 64 No. of Claims : 6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.9846/CHENP/2011 A

(19) INDIA

(22) Date of filing of Application :27/12/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : DISPLAY DRIVING CIRCUIT DISPLAY DEVICE AND DISPLAY DRIVING METHOD

(51) International classification :G09G3/36
(31) Priority Document No :2009-144753
(32) Priority Date :17/06/2009
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2010/001322
Filing Date :26/02/2010
(87) International Publication No :WO 2010/146744
A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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3)YUHICHIROH MURAKAMI
4)SEIJIROU GYOUTEN

(57) Abstract :

The present invention switches, in a display driving circuit of a liquid crystal display device which carries out CC (Charge Coupling) driving, between a two-line (2H) reversal driving mode in which a polarity of a data signal (S) supplied to a source line is reversed every two horizontal scanning periods and a one-line (1H) reversal driving mode in which a polarity of a data signal (S) supplied to a source line is reversed every one horizontal scanning period. A polarity signal (CMI) reverses its polarity every two horizontal scanning periods in the two-line (2H) reversal driving mode, and reverses its polarity every one horizontal scanning period in the one-line (1H) reversal driving mode.

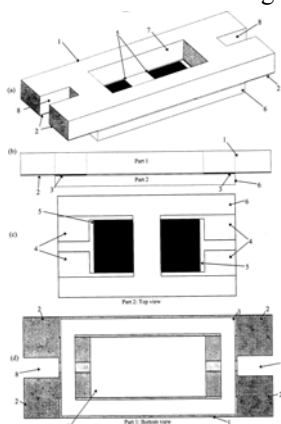
No. of Pages : 112 No. of Claims : 11

(54) Title of the invention : ELECTROSTATICALLY COUPLED SURFACE ACOUSTIC WAVE DEVICES WITH BOND PADS

(51) International classification	:H03H 9/25	(71)Name of Applicant :
(31) Priority Document No	:NA	1)ASHISH KUMAR NAMDEO
(32) Priority Date	:NA	Address of Applicant :DEPARTMENT OF ELECTRONICS
(33) Name of priority country	:NA	AND ELECTRICAL ENGINEERING, INDIAN INSTITUTE OF
(86) International Application No	:NA	TECHNOLOGY GUWAHATI, GUWAHATI-781039, Assam
Filing Date	:NA	India
(87) International Publication No	: NA	2)HARSHAL B. NEMADE
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ASHISH KUMAR NAMDEO
(62) Divisional to Application Number	:NA	2)HARSHAL B. NEMADE
Filing Date	:NA	

(57) Abstract :

The present invention relates to incorporate electrostatically coupled surface acoustic wave (SAW) devices with bond pads for excitation and reception of acoustic waves in SAW devices. The radio frequency (RF) signal is applied to the bond pads that are aligned over the metallic pads of the device without touching. The metallic pads are connected to the interdigital transducer (IDT) electrodes patterned on the device substrate. The generated electric field due to the electric potential applied on the bond pads is coupled electrostatically to the metal pads and the IDT generates acoustic waves on the device substrate. The same bond pads can also be used for receiving the output electrical signals generated from IDT. In this invention, bonding wires are not required to connect IDTs patterned on the device substrate. The bonding wires interfere with the coating procedures in SAW sensors using a sensing film on the device substrate. The electrostatically coupled bond pads eliminate the use of bonding wires and also improve the robustness of the device. The device can be used in high temperature environment. The electrostatic coupling of the electric field to the IDT can also be used in devices for signal processing and telecommunication applications.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1295/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :05/10/2011

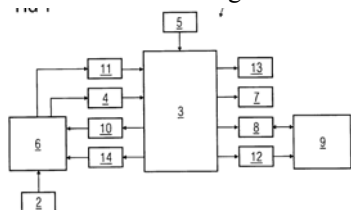
(43) Publication Date : 12/04/2013

(54) Title of the invention : A MODERATING SYSTEM AND A METHOD FOR MODERATING CLONING ACTIVITIES WHILE EDITING A PIECE OF CODE

(51) International classification	:G06F12/16	(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	:NA	(72)Name of Inventor :
Filing Date	:NA	1)RAVIKANTH KANDULA
(87) International Publication No	: NA	2)RADHIKA VENKATASUBRAMANYAM
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A moderating system and a method for moderating cloning activities while editing a piece of code A moderating system (1) for moderating cloning activities while editing a piece of code (2) includes a verification processor (3) for receiving a part (4) of the piece of code (2) copied from another part of the piece of code (2) from an editor (6) and a rule set (5) comprising of rules for copying a piece of code (2), matching the part (4) of the piece of code (2) onto the rule set (5), and to output a copy verification result (7) on a basis of said matching.



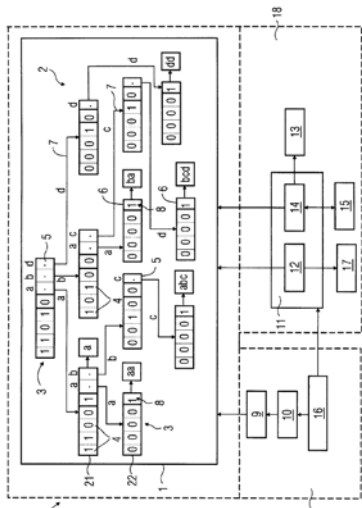
No. of Pages : 20 No. of Claims : 14

(54) Title of the invention : A MEMORY DEVICE FOR STORING A DICTIONARY, A PROCESSOR FOR DEVELOPING AND EDITING THE DICTIONARY, AND AN WORD INTERFACE FOR USING THE DICTIONARY

(51) International classification	:A61B17/12	(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	:NA	(72)Name of Inventor :
Filing Date	:NA	1)MONALISA SARMA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A memory device for storing a dictionary, a processor for developing and editing the dictionary, and an word interface for using the dictionary A memory device (1) for storing a dictionary of words (16) lexically written as a composition of letters from a set of letters, wherein the memory device (1) uses a data structure (2) to represent the dictionary, the data structure (2) includes a plurality of memory blocks (3) interlinked with each other, wherein each memory block (3) includes letter sections (4) equal to number of letters in the set, wherein subsequent memory blocks (3) represents a chronological position of the letter in the word (16) and a location of each letter section (4) identifies each of the letter in the set and adapted to store binary digits to determine presence of the letter in the word (16). A processor (9) for connecting to the memory device (1) to edit the dictionary by editing the data structure (2) of the memory device (1) to access the data structure (2) to reach to a prefix block (3, 21) which represents last reachable memory block (3) for identifying a suffix representing group of letters in the word (16) not reachable in the data structure (2) and further to create suffix blocks (3, 22) equal to number of letters in the suffix and interlink the prefix block (3, 21) with the suffix blocks (3, 22) and the suffix blocks (3, 22) within in such a way that the word (16) is adapted to be accessed in the data structure (2).



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1300/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

(54) Title of the invention : ANDALUSITE BASED LOW MOISTURE HIGH ALUMINA CASTABLE REFRACTORY COMPOSITION AND ITS PROCESS OF MANUFACTURE

(51) International classification	:c04b35/101
(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)STEEL AUTHORITY OF INDIA LIMITED
Address of Applicant :RESEARCH & DEVELOPMENT
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(72)**Name of Inventor :**
1)BHATTACHARYA ANUP KUMAR
2)PURIMETLA CHINTAIAH
3)KUJUR MANISH KUMAR

(57) Abstract :

The present invention relates to low moisture castables for preshaped and prefired burner block for reheating furnaces. More particularly, the present invention is directed to providing high alumina containing andalusite based low moisture castable refractory composition and a process for manufacture of such castables and burner blocks therefrom having high strength and improved thermal shock resistance properties. In the above composition andalusite grains are in the range of 0.25 - 5 mm and adapted to act as aggregate in the body and wherein the distribution coefficient of grains is less than 0.35 and grain size is selected such that finer fraction below 300 BSS are less than 20% The andalusite based castable refractory composition favour prefabrication to the shape of burner blocks using vibrator for application in heat treatment furnaces with long life and good castable properties.

No. of Pages : 14 No. of Claims : 12

(54) Title of the invention : LOW ENERGY WATER APPLICATION DEVICE

(51) International classification :F03G7/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :NA
 Filing Date :NA
 (87) International Publication No : NA
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)INDIAN COUNCIL OF AGRICULTURE RESEARCH (ICAR)

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(72)Name of Inventor :

1)SINGH ATUL KUMAR

2)SINGH S.R

3)ISLAM. A

4)RAHMAN. A

5)UPADHYAYA. A

6)ABDUL VAHAB ABDUL HARIS

7)SIKKA ALOK KUMAR

(57) Abstract :

Considering the overall farming situation in developing countries particularly India it has been observed that the available options of efficient irrigation technologies are unable to cover up small and marginal farm holders due to lack of the applicability and acceptability in terms of their needs, priorities and financial capabilities. This makes imperative to develop a substitute of existing technologies that could be cheap simple and less capital intensive as well as applicable for small farms. Keeping above in view a T-shape device has been designed which is named LEWA (Low Energy Water Application), which can be operated by mounting it on riser in which irrigation water is applied through a pipe network at a given pressure. LEWA device can be operated at an operating pressure range 0.4 Kg/cm² to 0.6 Kg/cm² at its head, with discharge rate ranging 0.24 Ips - 3.1 Ips, and throw diameter ranging from 6 m to 8 m. Since LEWA device can be operated at low pressure head compare to impact sprinklers therefore overall operational expenditure on irrigation by using LEWA device can be reduced substantially with an added advantage of water saving. Therefore, the developed device holds greater promise in development of a cost effective water and energy efficient pressurized irrigation system for small and marginal farmers possessing small and fragmented land holdings.



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

(54) Title of the invention : NEW IMIDAZOLIUM SALTS HAVING LIQUID CRYSTAL CHARACTERISTICS, USEFUL AS ELECTROLYTES

(51) International classification :C07D 233/54
 (31) Priority Document No :09425227.7
 (32) Priority Date :10/06/2009
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No :PCT/EP2010/003483
 Filing Date :10/06/2010
 (87) International Publication No :WO 2010/142445
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DAUNIA SOLAR CELL S.R.L.

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(72)Name of Inventor :

1)RESNATI, GIUSEPPE

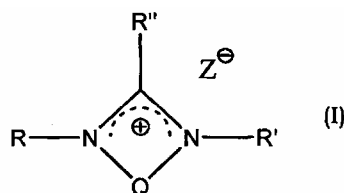
2)METRANGOLO, PIERANGELO

3)ABATE, ANTONIO

4)MATTEUCCI, FRANCESCO

(57) Abstract :

Novel imidazolium salts of formula (I) are described in which R is a C1-C14 alkyl group, optionally substituted by one or more fluorine atoms, or a C2-C18 alkoxyalkyl group, R is an alkyl group containing at least 8 carbon atoms, at least 6 of which are partially or entirely fluorinated, R is hydrogen or C1-C3 alkyl, Z is an organic or inorganic anion, and Q is further defined. The compounds of formula (I) are liquid crystals over a wide temperature range, and are characterised by high conductivity, hydrophobicity and stability. These properties made them ideally suitable for use in devices based on electrochemical reactions, such as solar cells, fuel cells, electrochemical sensors, lithium batteries and capacitors, etc.



No. of Pages : 25 No. of Claims : 11

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

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

(21) Application No.1306/KOL/2011 A

(43) Publication Date : 12/04/2013

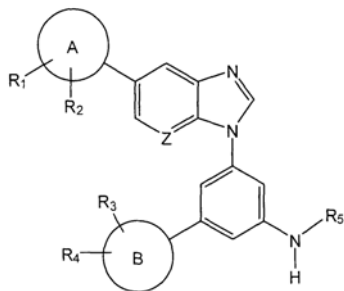
(54) Title of the invention : PROTEIN KINASE INHIBITORS

(51) International classification :A61K31/519
(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)ORION CORPORATION
Address of Applicant :ORIONINTIE 1, FI-02200 ESPOO
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(72)Name of Inventor :
1)NANDURI, SRINIVAS
2)UJJINAMATADA, RAVI KOTRABASIAH
3)RAJAGOPALAN, SRINIVASAN
4)MUKHERJEE, SUBHENDU
5)LINNANEN, TERO
6)WOHLFAHRT, GERD

(57) Abstract :

A compound of formula (I) wherein R1 to R5, A, B and Z are as defined in the claims and pharmaceutically acceptable salts thereof, are disclosed. The compounds of formula (I) possess utility as FGFR inhibitors and are useful in the treatment of a condition, where FGFR kinase inhibition is desired, such as cancer.



No. of Pages : 189 No. of Claims : 9

(12) PATENT APPLICATION PUBLICATION

(21) Application No.1308/KOL/2011 A

(19) INDIA

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

(43) Publication Date : 12/04/2013

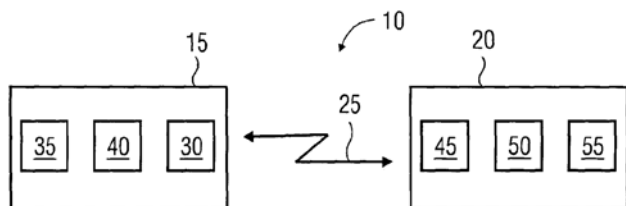
(54) Title of the invention : RADIO FREQUENCY COMMUNICATION SYSTEM

(51) International classification :H04W88/04
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Address of Applicant :WITTELSBACHERPLATZ 2 80333
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(72)**Name of Inventor :**
1)ANTONY LOUIS PIRIYAKUMAR DOUGLAS
2)THIRUMALAI KUMAR MURUGAIAH

(57) Abstract :

The invention relates to a radio frequency communication device (15), a radio frequency reader (20) and a radio frequency communication system (10), wherein the radio frequency communication device (15) comprises an antenna module (30) operable at least at a first operating frequency and a second operating frequency, the first operating frequency being different than the second operating frequency, and a control circuit (40) configured to operate the antenna module (30) at least at the first operating frequency and the second operating frequency for transmission of data (70) comprising at least a first subset and a second subset, such that the first subset is transmitted using one of the first operating frequency and the second operating frequency and the second subset of the data (70) is transmitted using one of the first operating frequency and the second operating frequency.



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

(54) Title of the invention : THE MANUALLY OPERATED SERIAL PUFFING MACHINE AND METHOD OF MAKING PUFFED RICE (MURI)

(51) International classification

:A23P

(31) Priority Document No

1/10

(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)MANOJ KUMAR BHATTACHARYYA

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2)MANJISHTHA BHATTACHARYYA

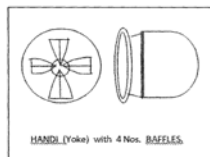
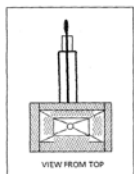
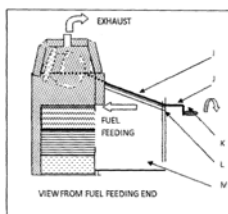
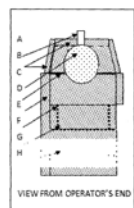
(72)Name of Inventor :

1)MANOJ KUMAR BHATTACHARYYA

2)MANJISHTHA BHATTACHARYYA

(57) Abstract :

The present invention relates to a manually operated Cereal Puffing Machine comprising of an insulated manually operated rotating pot (Handi) with Baffles; an oven for producing heat; a completely insulated chamber mounted on fabricated frame wherein the manually operated rotating pot and the oven is placed inside the same insulated chamber and the hot air is passed encompassing the said pot, and a method for making puffed rice (muri) by the said machine.



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

(12) PATENT APPLICATION PUBLICATION

(21) Application No.849/KOL/2009 A

(19) INDIA

(22) Date of filing of Application :11/06/2009

(43) Publication Date : 12/04/2013

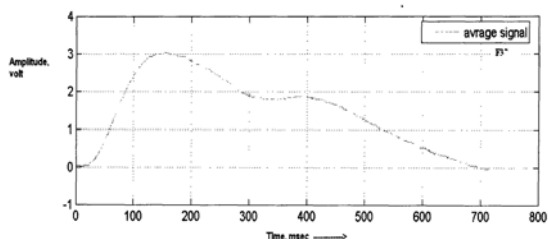
(54) Title of the invention : A TWO-PULSE SYNTHESIS (TPS) BASED METHOD AND SYSTEM FOR DVP SIGNAL ANALYSIS

(51) International classification :A61B5/0488
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No : NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)INDIAN INSTITUTE OF TECHNOLOGY
Address of Applicant :SPONSORED RESEARCH &
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(72)Name of Inventor :
1)GOSWAMI, DR. DHARITRI
2)CHAUDHURY, KOEL
3)CHAKRABARTI, SASWAT
4)MUKHERJEE, JAYANTA
5)DAS, ACHINTYA

(57) Abstract :

A simple non-invasive system for the measurement of PPGsignal sufficient for estimating multiple vascular parameters such as, Pulse Wave Velocity (PWV), Stiffness Index (51), Reflection Magnitude (RM) and pulse duration by a two-pulse synthesis (TPS) based system. The system and method favor analysis of multiple parameters related to a measured digital volume pulse (DVP). The system performs Photoplethysmograph (PPG) signal analysis by involving two mathematically well-defined Rayleigh and/or modified Rayleigh-type pulses for waveform synthesis leading to close approximation of a measured PPG signal. The reconstructed pulse resembles the original measured pulse very closely with low Mean Square Error (MSE). The system measures clinically relevant parameters such as, Reflection Magnitude (RM), delay between first and second peaks (.M), height of reflected pulse (P2) and also clinically insightful parameters such as Differential Pulse Spread (DPS), Spread-Delay Ratio (SDR) and the like. The standard time tested parameters such as, average heart rate, pulse duration, PWV etc. are also measured by the system. The TPS based system is suitable for mass screening of population against cardiovascular diseases.



No. of Pages : 21 No. of Claims : 0

NO. OF CLAIMS-0 ACHE THIK KORBI.

(21) Application No.692/KOL/2011 A

(19) INDIA

(22) Date of filing of Application :20/05/2011

(43) Publication Date : 12/04/2013

(54) Title of the invention : A DEVICE FOR ADDING REQUISITE AMOUNT OF CHLORINE TO WATER EVEN IN WATER INCONSISTENT FLOW RATE

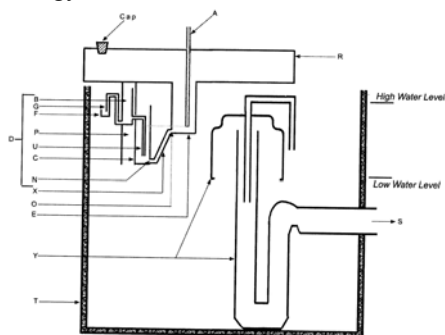
(51) International classification	:C01B 11/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:NA
Filing Date	:NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)DAS, SUPRIO
 Address of Applicant :P-2, BLOCK B, LAKE TOWN,
 CALCUTTA 700089 West Bengal India

(72)Name of Inventor :
1)DAS, SUPRIO

(57) Abstract :

An automated device for batch mixing of one or more liquids with water/fluid in fixed volumetric ratios such as mixing the requisite amount of any water disinfects solution to flowing water of any flow rate. More particularly, the present invention is directed to providing a device for chlorination of water which requires no electrical energy, no valves or moving parts, reducing the need for maintenance and involves simple mixing tank, a reservoir and a cooperative dispensing unit adapted for effective and appropriate mixing of the chlorine solution in water. The device is simple with ready application and with no complicated maintenance needs, having prospects of wide scale application in domestic as well as community water supply systems, including in remote locations, to provide safe and reliable supply of clean drinking water at a low cost without requiring much maintenance or consuming electrical energy.



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

**PUBLICATION U/R 84(3) IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENT (CHENNAI)**

Notice is hereby given that any person interested in opposing the following applications for Restoration of Patent under Section 60 of the Patent Act, 1970, may at any time within 2 months from the date of Publication of this notice, give notice to the Controller of Patents at the appropriate office on the prescribed Form 14 under Rule 85 of the Patents (Amendment) Rules, 2006.

PATENT NUMBER	APPLICANTS	TITLE	DATE OF CESSATION	APPROPRIAT E OFFICE
194052	M/S. GLOBAL HEALNET PRIVATE LIMITED	A SYSTEM FOR REAL TIME ONLINE PROCESSING OF BIOSIGNALS USING A TELEPHONE LINE	17/12/2011	CHENNAI
194053	M/S. GLOBAL HEALNET PRIVATE LIMITED	A DUAL MODE ELECTROCARDIOGRAM	17/12/2011	CHENNAI

**PUBLICATION U/S 60 IN RESPECT OF APPLICATION FOR
RESTORATION OF PATENTS (KOLKATA)**

Notice is hereby given that application for restoration of under mentioned patents have been allowed and said patents are restored.

Serial No.	Application Nos.	Patent No.	Applicants	Title	Date of Publication U/R 84(3)	Appropriate Office
1.	38/KOL/2004	239174	EATON CORPORATION	A ROTARY FLUID PRESSURE DEVICE AND A METHOD FOR SETTING THE LOAD HOLDING TORQUE OF A BRAKE PACKAGE	09/03/2012	KOLKATA
2.	600/KOL/2004	224784	KHS MASCHINEN-UND ANLAGENBAU AG ,	FILLING MACHINES FOR CONTAINERS LIKE BOTTLES, CANS AND THE EQUIVALENT.	01/07/2011	KOLKATA
3.	648/KOLNP/2003	219944	ASPEN AEROGELS, INC.	AEROGEL COMPOSITE WITH FIBROUS BATTING	10/06/2011	KOLKATA
4.	28/KOL/2005	231443	TATA STEEL LIMITED	A METHOD OF PRODUCING HIGH CHROMIUM COATED GALVANIZED/GALVANNEALED STEEL SHEET FOR FUEL TANK APPLICATION .	01/07/2011	KOLKATA
5.	1320/KOLNP/2004	239000	EATON CORPORATION	A MTHOD FOR CONTROLLING A VENICULAR AUTOMATED TRANSMISSION SYSTEM AND A CONTROL SYSTEM FOR PROVIDING A TORQUE BREAK IN SUCH A TRANSMISSION SYSTEM	08/06/2012	KOLKATA
6.	259/CAL/2002	201766	PRITHEESH VARMA & GOUTAM G BANERJEE	A PROCESS FOR RETTING OF FIBRES	08/07/2011	KOLKATA
7.	522/KOL/2003	231444	TATA STEEL LIMITED	A DETECTION OF CORONA USING SCINTILLATING FIBER OPTICS THROUGH AN ELECTRONIC DETECTOR .	13/04/2012	KOLKATA
8.	140/CAL/2002	202680	COPELAND CORPORATION	A COMPRESSOR CONTROL SYSTEM	10/09/2010	KOLKATA
9.	IN/PCT/2002/573/KOL	219550	FOSSURA AS	A DEVICE ADAPTABLE TO A REMOTELY OPERATED VESSEL, FOR REMOVAL OF LARGER-SIZE PROTECTIVE ROCKS FROM SUBSEA INSTALLATIONS	13/04/2012	KOLKATA
10.	1944/KOLNP/2004	230327	STADTLER & UHL KG	TOOTH CLOTHING FOR TEXTILE-MACHINE ROLLERS AND SUPPORTING SEGMENTS	13/04/2012	KOLKATA
11.	1789/KOLNP/2005	222894	HOYAUKIN, PETER	METHOD AND MACHINE FOR BINDING ELONGATE OBJECTS TOGETHER	09/03/2012	KOLKATA
12.	445/KOLNP/2005	213767	OCCUPATIONAL & MEDICAL INNOVATIONS LTD.	AN IMPROVED SAFETY SCALPEL BLADE ASSEMBLY	13/04/2012	KOLKATA
13.	824/CAL/1999	206172	SUMITOMO CHEMICAL COMPANY LIMITED	PYRETHROID COMPOUNDS AND COMPOSITION FOR CONTROLLING PEST CONTAINING THE SAME	09/10/2009	KOLKATA

Publication Under Section 43(2) in Respect of the Grant

Following Patents have been granted and any person interested in opposing these patents under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office, on the prescribed form-7 along with written statement and evidence, if any.

Serial Number	Patent Number	Application Number	Date of Application	Date of Priority	Title of Invention	Name of Patentee	Date of Publication of Abstract u/s 11(A)	Appropriate Office
1	195233	775/DEL/1996	10/04/1996	27/04/1995	PROCESS FOR PRODUCING GRANULAR DETERGENT COMPONENTS OR COMPOSITIONS	THE PROCTER & GAMBLE COMPANY	28/01/2005	DELHI
2	255933	7003/DELNP/2006	05/05/2005	05/05/2004	AN APPARATUS FOR ADAPTIVE DELAY MANAGEMENT IN A WIRELESS COMMUNICATION SYSTEM	QUALCOMM INCORPORATED	31/08/2007	DELHI
3	255936	4648/DELNP/2005	21/04/2004	25/04/2003	ELECTRONIC TIME-TEMPERATURE INDICATOR AND LOGGER	ZWEIG, STEPHEN, ELIOT	28/09/2007	DELHI
4	255937	2105/DELNP/2006	15/10/2004	15/10/2003	A SYSTEM FOR PROVIDING CLIENT SUPPORTED FEATURES AND CAPABILITIES TO A HOST IN A MOBILE DISPLAY DIGITAL INTERFACE (MDDI) SYSTEM AND A METHOD THEREOF	QUALCOMM INCORPORATED	10/08/2007	DELHI
5	255938	IN/PCT/2000/00350/DEL	28/05/1999	28/05/1999	METHOD AND SYSTEM FOR REDIRECTING MESSAGES BETWEEN A HOST SYSTEM AND A MOBILE DATA COMMUNICATION DEVICE	RESEARCH IN MOTION LIMITED	03/03/2006	DELHI
6	255943	2198/DELNP/2005	23/10/2003	25/10/2002	SYSTEM AND METHOD FOR SUPPRESSING NOISE IN A PHASE-LOCKED LOOP CIRCUIT	GCT SEMICONDUCTOR, INC.	27/03/2009	DELHI
7	255946	3217/DELNP/2004	11/02/2003	06/05/2002	AN OPTICAL DISK AND METHOD OF RECORDING ON THE SAME	SAMSUNG ELECTRONICS CO. LTD.,	20/03/2009	DELHI
8	255948	294/DELNP/2004	07/08/2002	07/08/2001	SOUND INTELLIGIBILITY ENHANCEMENT USING A PSYCHOACOUSTIC MODEL AND AN OVERSAMPLED FILTERBANK	ON SEMICONDUCTOR TRADING LTD	10/03/2006	DELHI

9	255959	2425/DELNP/2006	22/11/2004	21/11/2003	A DELIVERY SYSTEM FOR ACTIVE COMPONENTS AS PART OF AN ENDIBLE COMPOSITION HAVING PRESELECTED TENSILE STRENGTH	KRAFT FOODS GLOBAL BRANDS,LLC	03/08/2007	DELHI
10	255962	332/DEL/1996	20/02/1996	20/02/1995	A SAFETY DEVICE FOR A MOTOR VEHICLE	AUTOLIV DEVELOPMENT AB	29/04/2011	DELHI
11	255964	5644/DELNP/2006	14/04/2005	15/04/2004	COMPOUNDS FOR ENZYME INHIBITION	PROTEOLIX, INC	31/08/2007	DELHI
12	255968	2155/DELNP/2004	14/01/2003	14/01/2002	BINDER COMPOSITION AND METHOD FOR TREATING PARTICULATE MATERIAL	DE BRUYN HENRI ARNOLD	15/06/2007	DELHI
13	255975	737/DEL/2007	30/03/2007		A PROCESS FOR PREPARING FUNCTIONALLY GRADED POLYMERS COMPOSITES MATERIAL HAVING WIDE RANGE OF BAND-GAP IN MICROWAVE ABSORBING RANGE	INDIAN INSTITUTE OF TECHNOLOGY	16/01/2009	DELHI
14	255976	5335/DELNP/2007	02/08/2001	17/08/2000	IMPROVED CATALYST FOR THE MANUFACTURE OF ACRYLONITRILE	THE STANDARD OIL COMPANY	17/08/2007	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.

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	255939	1119/MUMNP/2006	23/02/2005	23/02/2004	INTEGRATED CELLULAR VoIP FOR CALL REROUTING	ROAMWARE, INC.	25/05/2007	MUMBAI
2	255941	2057/MUMNP/2007	15/04/2005	16/04/2004	AN ADAPTOR FOR LIGHT TRANSMISSION IN AN ILLUMINATION SYSTEM FOR A MICROSCOPE.	AUBURN UNIVERSITY	25/01/2008	MUMBAI
3	255942	1681/MUM/2006	12/10/2006		A STORAGE UNIT OR MAGAZINE, BEING USED IN AN AUTOMATIC RUBBER COT GRINDING OR BUFFING MACHINE, FOR STORING RUBBER COT ARBOURS	MEVADA, JITENDRA ISHWARBHAI, MISTRY, NARESH AMRUTLAL	23/11/2007	MUMBAI
4	255951	1343/MUMNP/2006	22/04/2005	23/04/2004	FAN AND LOUDSPEAKER	STR-MB,,CK, Lars	13/04/2007	MUMBAI

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1	255934	1839/CHE/2007	17/08/2007 16:23:11	25/08/2006	MULTIMEDIA SYSTEM FRAMEWORK HAVING LAYER CONSOLIDATING ACCESS TO MULTIPLE MEDIA DEVICES	QNX SOFTWARE SYSTEMS LIMITED	11/09/2009	CHENNAI
2	255935	2155/MAS/1998	24/09/1998	02/10/1997	SULFINIC ACID DERIVATIVES AND THEIR PREPARATION AND USE	L BRUGGEMANN KG	26/03/2010	CHENNAI
3	255940	1106/CHE/2005	10/08/2005		METHOD AND SYSTEM FOR ENABLING COMMUNICATION BETWEEN WIRELESS UNIVERSAL SERIAL BUS HOSTS CONNECTED IN A WUSB LOTUS NETWORK	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	21/09/2007	CHENNAI
4	255944	323/CHE/2006	24/02/2006		A METHOD OF BACKGROUND SCANNING FOR A HOME PUBLIC LAND MOBILE NETWORK (PLMN) IN OVER LAPPING SERVICE AREAS OF HOME PLMN AND A VISITED PLMN	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	23/11/2007	CHENNAI
5	255945	1953/CHE/2005	29/12/2005		METHOD OF AUTHENTICATING AND REGISTERING A MOBILE STATION IN THIRD GENERATION PARTNERSHIP PROJECT 2 (3GPP2) NETWORKS	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	20/07/2007	CHENNAI
6	255952	3015/CHENP/2004	21/07/2003	26/07/2002	A METHOD FOR MONITORING A DATA TRANSMISSION BETWEEN MINIMUM TWO PARTICIPANTS OF A NETWORK	ROBERT BOSCH GmbH	17/02/2006	CHENNAI
7	255953	693/CHE/2003	29/08/2003	19/09/2002	METHOD OF MAKING OPTICAL FIBER WITH REDUCED E-BAND AND L-BAND LOSS PEAKS	OFS FITEL	18/11/2005	CHENNAI
8	255954	2272/CHE/2007	09/10/2007		A DEVICE FOR PROVIDING BROADBAND INTERNET USING POWERED ETHERNET SWITCH THEREIN FOR CHAINED COMMUNICATION LINKS	MRO-TEK LIMITED	11/09/2009	CHENNAI

9	255955	1979/CHE/2005	30/12/2005		A METHOD FOR FACILITATING FASTER L2 HANDOVER	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	20/07/2007	CHENNAI
10	255956	1209/CHE/2006	10/07/2006		METHOD AND APPARATUS FOR AUTOMATIC IMAGE MANAGEMENT	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	19/09/2008	CHENNAI
11	255958	4222/CHENP/2007	23/02/2006	23/02/2005	A SPATIAL LIGHT MODULATOR	PIXTRONIX, INC.,	21/12/2007	CHENNAI
12	255960	4109/CHENP/2006	08/04/2005	08/04/2004	PROJECTOR LAMP HEADLIGHT WITH CHROMATIC ABERRATION CORRECTION	FEDERAL-MOGUL CORPORATION	15/06/2007	CHENNAI
13	255961	3883/CHENP/2006	29/03/2005	23/04/2004	BICOMPONENT FIBER AND YARN COMPRISING SUCH FIBER	INVISTA TECHNOLOGIES S.A.R.L	15/06/2007	CHENNAI
14	255963	3087/CHENP/2004	31/10/2003	31/10/2002	HIGH-PRESSURE FUEL PUMP COMPRISING A BALL VALVE IN THE LOW-PRESSURE INLET	ROBERT BOSCH GMBH	17/02/2006	CHENNAI
15	255965	3398/CHENP/2007	28/08/2003	30/08/2002	A METHOD FOR PROCESSING INTERACTIVE SCREENS FOR A WIRELESS DEVICE	QUALCOMM INCORPORATED	27/06/2008	CHENNAI
16	255967	1270/CHE/2005	12/09/2005		AN IMPROVED PROCESS FOR PREPARING TAMSULOSIN HYDROCHLORIDE	AUROBINDO PHARMA LIMITED	28/09/2007	CHENNAI
17	255969	1251/CHE/2006	19/07/2006		METHOD FOR ROUTING A FAX USING A FAX MACHINE SERVER	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	01/02/2008	CHENNAI
18	255970	2012/CHE/2006	02/11/2006		METHOD OF TRACKING A MOBILE DEVICE	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	28/11/2008	CHENNAI
19	255971	1611/CHENP/2008	03/10/2006	03/10/2005	MICROFLUIDIC PUMP AND VALVE STRUCTURES AND FABRICATION METHODS	RHEONIX, INC.	05/12/2008	CHENNAI
20	255972	1779/CHE/2005	05/12/2005		METHOD FOR PROVIDING MOBILITY BETWEEN EVOLVED UNIVERSAL MOBILE TELECOMMUNICATION SYSTEM AND UNIVERSAL MOBILE TELECOMMUNICATION SYSTEM	SAMSUNG INDIA SOFTWARE OPERATIONS PRIVATE LIMITED	14/09/2007	CHENNAI
21	255973	4725/CHENP/2006	22/06/2005	23/06/2004	STRATEGY FOR FUELING A DIESEL ENGINE	M/S. INTERNATIONAL ENGINE INTELLECTUAL PROPERTY COMPANY, LLC	29/06/2007	CHENNAI

22	255974	1863/CHENP/2008	05/09/2006	16/09/2005	FIELD-EFFECT TRANSISTOR HAVING A CHANNEL COMPRISING AN OXIDE SEMICONDUCTOR MATERIAL INCLUDING INDIUM AND ZINC	CANON KABUSHIKI KAISHA	23/01/2009	CHENNAI
23	255977	4026/CHENP/2006	28/04/2005	30/04/2004	QUANTUM OPTICAL STATE CONVERTER	HEWLETT-PACKARD DEVELOPMENT COMAPNY, L.P	10/08/2007	CHENNAI

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1	255947	2530/KOLNP/2005	15/02/2005	12/08/2004	AN ADJUSTABLE-SPEED GEAR DEVICE FOR AN ENERGY-GENERATING PLANT	VOITH TURBO GMBH & CO. KG	13/10/2006	KOLKATA
2	255949	2669/KOLNP/2006	10/03/2005	16/03/2004	ASSEMBLY COMPRISING A WATER TURBINE AND A GENERATOR, THE ROTOR OF WHICH IS DIRECT-CONNECTED TO EACH ONE OF THE BLADES OF THE TURBINE.	CURRENT POWER SWEDEN AB	01/06/2007	KOLKATA
3	255950	554/KOLNP/2008	07/07/2006	14/07/2005	SHOWER APPARATUS	K.N. TECH CO., LTD	07/11/2008	KOLKATA
4	255957	1417/KOLNP/2007	25/10/2005	27/10/2004	PROCESS FOR PREPARING A LYOPHILISED MATERIAL AND APPARATUS THEREFOR	ASEPTIC TECHNOLOGIES S.A.	20/07/2007	KOLKATA

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