

CONTINUED FROM PART 1

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application :07/07/2006

(21) Application No.2497/CHENP/2006 A

(43) Publication Date : 08/06/2007

(54) Title of the invention : SEARCHING CONTENT DIRECTORIES

(51) International classification	:C06F17/30
(31) Priority Document No	:0400474.3
(32) Priority Date	:10/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/050089
Filing Date	:07/01/2005
(87) International Publication No	:WO/2005/069169
(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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Netherlands
(72)**Name of Inventor :**
1)MAK, Anthony, H., F.

(57) Abstract :

A network comprises a plurality of content servers (MS-1 - MS-4) which each store media content objects and a directory of descriptive information about the stored media content objects. A control point (CP) in the network queries the servers (MS-1 - MS-4) to retrieve descriptive information. The control point (CP) analyses the information to determine which content servers store the same object. Upon receiving a search request, the control point (CP) uses the stored information to determine which content servers in the network need to be queried in order to retrieve the content, or further information about the content. Queries to servers which do not contain relevant content can be reduced or eliminated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2498/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :07/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF ENCRYPTING AND TRANSMITTING DATA..

(51) International classification :h04l12/00,g06f17/60 (31) Priority Document No :10/753,753 (32) Priority Date :08/01/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2005/000741 Filing Date :06/01/2005 (87) International Publication No :WO/2005/067680 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)ENCRYPTION SOLUTIONS, INC. Address of Applicant : 1740 East Garry Avenue, Suite 110, Santa Ana, CA 92705 U.S.A. (72)Name of Inventor : 1)STEDRON, Robert, Allen 2)CHMIELEWSKI, John, L.

(57) Abstract :

A method of encrypting and transmitting data and a system for transmitting encrypted data. The method includes one or more different encryption algorithms, and may include employing different encryption algorithms to achieve multiple levels of encryption. A first encryption algorithm is based upon multiple rearrangements of bits representing data to obtain encoded data. A second encryption algorithm is based upon performing multiple XOR operations on bits representing data so that each data word is at least encoded with previous data words. The system comprises first and second computers and a plurality of communication parameters. The two computers are communicably connected to a network, and the second computer is adapted to route a transmission to the first computer. The transmission includes a data part and a header part, both of which are encrypted by the second computer utilizing the communication parameters. The first computer decrypts the transmission utilizing the communication parameters.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2499/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :07/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUNGICIDAL MIXTURES

(51) International classification

:A01N43/90

(31) Priority Document No

:103 58 073.5

(32) Priority Date

:10/12/2003

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2004/013936

Filing Date

:08/12/2004

(87) International Publication No

:WO/2005/055721

(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)TORMO I BLASCO, Jordi

2)GROTE, Thomas

3)SCHERER, Maria

4)STIERL, Reinhard

5)STRATHMANN, Siegfried

6)SCHOFEL, Ulrich

(57) Abstract :

Fungicidal mixtures Abstract Fungicidal mixtures comprising, as active components, (1) the triazolopyrimidine derivative of the formula I, and (2) dinocap of the formula II consisting of the dinitrophenol derivatives of the formulae IIa and IIb in a synergistically effective amount, methods for controlling harmful fungi and compositions comprising these mixtures are described.

(54) Title of the invention : IP-10 ANTIBODIES AND THEIR USES

(51) International classification :C07D
(31) Priority Document No :60/529,180
(32) Priority Date :10/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/041506
Filing Date :10/12/2004
(87) International Publication No :WO/2005/058815
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MEDAREX, INC.Address of Applicant : 707 State Road, Princeton, New Jersey 08540
U.S.A.

(72)Name of Inventor :

1)DESHPANDE, Shrikant**2)HUANG, Haichun****3)SRINIVASAN, Mohan****4)CARDARELLI, Josephine, M.****5)WANG, Changyu****6)PASSMORE, David****7)RANGAN, Vangipuram, S.****8)LANE, Thomas, E.****9)KEIRSTEAD, Hans, S.****10)LIU, Michael, T.**

(57) Abstract :

The present invention provides isolated monoclonal antibodies, particularly human antibodies, that bind to IP- 10 with high affinity, inhibit the binding of IP- 10 to its receptor, inhibit IP-10-induced calcium flux and inhibit IP-10-induced cell migration. Nucleic acid molecules encoding the antibodies of the invention, expression vectors, host cells and methods for expressing the antibodies of the invention are also provided. Immunoconjugates, bispecific molecules and pharmaceutical compositions comprising the antibodies of the invention are also provided. The invention also provides methods for inhibiting IP-10 activity using the antibodies of the invention, including methods for treating various inflammatory and autoimmune diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2501/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :07/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PLATE HEAT EXCHANGER

(51) International classification	:F28D9/00,F28F3/08,9/22	(71)Name of Applicant :
(31) Priority Document No	:03 03307-3	1)SWEP INTERNATIONAL AB
(32) Priority Date	:10/12/2003	Address of Applicant : Bavergatan 9, P.O. Box 105, S-261 22 Landskrona
(33) Name of priority country	:Sweden	Sweden
(86) International Application No	:PCT/SE2004/001714	(72)Name of Inventor :
Filing Date	:24/11/2004	1)ANDERSSON, Sven
(87) International Publication No	:WO/2005/057118	2)ANDRE, Hans
(61) Patent of Addition to Application Number	:NA	3)DAHLBERG, Tomas
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A plate heat exchanger comprising plates (21, 31) interconnected by soldering and adapted to exchange heat between a high and a low temperature fluid may be designed to improve the cooling of the parts of the plates located near inlets (3) for the high temperature fluid by providing separate fluid channels (23, 26) in pairs of plates (21, 31) guiding low temperature fluid, said separate channels (23, 26) at least partly surrounding said inlets (3) for the high temperature fluid.

(54) Title of the invention : DETECTING RELAYED COMMUNICATIONS

(51) International classification	: G06F 15/173
(31) Priority Document No	:60/534,927
(32) Priority Date	:09/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2005/000033
Filing Date	:09/01/2005
(87) International Publication No	:WO/2005/065038
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)NPX TECHNOLOGIES LTD.

Address of Applicant : P.O.Box 58148, 61580 Tel Aviv 61580, Israel

(72)Name of Inventor :

1)WILF, Saar**2)SHAKED, Shvat**

(57) Abstract :

Methods, apparatus and computer readable code for determining whether a potential relay device is a relay device are provided herein. In some embodiments, first and second information elements are received from a potential relay device, which is an original source of the second information element. In order to determine whether the potential relay device is a relay device, it is determined whether a feature of an original source of the first information element and a feature of the potential relay device are features unlikely to relate to a single device, wherein a positive result of the determining is indicative that the potential relay device is a relay device. In an exemplary embodiment, a disclosed system includes an information element receiver and a feature incompatibility analyzer. Optionally, the disclosed system includes a feature discovery module, a parameter obtainer and a feature database.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2503/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :07/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A TOBACCO EXTRUDER

(51) International classification	:A24B15/14,A24B3/14	(71)Name of Applicant :
(31) Priority Document No	:0011351.4	1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED
(32) Priority Date	:12/05/2000	Address of Applicant : Globe House 1 Water Street London WC2R 3LA
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2001/001838	(72)Name of Inventor :
Filing Date	:08/05/2001	1)LEWIS, William, David
(87) International Publication No	:WO/2001/084968	2)CONTI, Humberto
(61) Patent of Addition to Application Number	:NA	3)PROWSE, Roy, Lester
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the extrusion of filamentary strands of reconstituted tobacco through a die plate and the downstream handling thereof. The die plate is configured such that each filament is of a square or rectangular cross-section, the downstream handling of which effects draw down of the extruded filament.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2504/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :07/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AN EXTRUDED RECONSTITUTED TOBACCO FILAMENT

(51) International classification	:A24B15/14,A24B3/14	(71)Name of Applicant :
(31) Priority Document No	:0011351.4	1)BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED
(32) Priority Date	:12/05/2000	Address of Applicant : Globe House 1 Water Street London WC2R 3LA
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2001/001838	(72)Name of Inventor :
Filing Date	:08/05/2001	1)LEWIS, William, David
(87) International Publication No	:WO/2001/084968	2)CONTI, Humberto
(61) Patent of Addition to Application Number	:NA	3)PROWSE, Roy, Lester
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the extrusion of filamentary strands of reconstituted tobacco through a die plate and the downstream handling thereof. The die plate is configured such that each filament is of a square or rectangular cross-section, the downstream handling of which effects draw down of the extruded filament.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2505/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WATER BASE INK, AND UTILIZING THE SAME, INK CARTRIDGE, METHOD OF INKJET RECORDING AND RECORDED MATTER

(51) International classification	:C09D11/00,B41M5/00,B41J2/01	(71) Name of Applicant :
(31) Priority Document No	:2003-412848	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:11/12/2003	Address of Applicant : 3-30-2, Shimomaruko, Ohta-ku, Tokyo 1468501
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2004/018867	(72) Name of Inventor :
Filing Date	:10/12/2004	1)NAGASHIMA, Akira
(87) International Publication No	:WO/2005/056701	2)HAKAMADA, Shinichi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The invention provides an ink which has a higher fixation of a recorded matter, is more excellent in stability and reliability of the ink, and allows a recorded matter of high image quality to be obtained stably, a recorded image, an inkjet recording method, and devices using such an ink. The invention provides an aqueous ink including micromicelles which are dispersed in a transparent single phase in water, characterized in that the micromicelles are comprised of a combination of two or more surfactants which exhibit an opaque or translucent dispersed state in water and a compound having an alkyl group and having only a hydroxyl group as a water-soluble group, and an inkjet recording method, devices and a recorded image, using the aqueous ink.

(54) Title of the invention : METHOD FOR DEALING WITH DATA RECORDING MEDIA AND DEVICE FOR CARRYING OUT SAID METHOD, AND METHOD FOR DISPOSING OF ELECTRONIC DEVICES AND DEVICE FOR CARRYING OUT SAID METHOD

(51) International classification	:G11B5/024,7/0055,G06F12/14	(71)Name of Applicant :
(31) Priority Document No	:2003-413036	1)ORIENT INSTRUMENT COMPUTER CO., LTD.
(32) Priority Date	:11/12/2003	Address of Applicant : 17-19, Shiginonishi 1-chome, Joto-ku, Osaka-shi,
(33) Name of priority country	:Japan	Osaka 5360014 Japan
(86) International Application No	:PCT/JP2004/018465	(72)Name of Inventor :
Filing Date	:10/12/2004	1)ITO, Tomoaki
(87) International Publication No	:WO/2005/057555	
(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 with a method for dealing with data recording media adapted to readily erase magnetic data recorded in magnetic recording media or destroy data recorded in optical recording media and a device for carrying out said method. Further, there is provided with a method for disposing of electronic device for destroying electronic devices and a device for carrying out said method. A device 1 for dealing with data recording media including an excitation coil 23 for generating a magnetic field having a predetermined strength, a magnetron 31 for radiating an electromagnetic wave having a predetermined frequency at a predetermined strength, and a receptacle 60 adapted to accommodate a magnetic recording medium or an optical recording medium, wherein the receptacle 60 is made of a non-magnetic material capable of shielding the electromagnetic wave, wherein the receptacle 60 has an outer periphery around which the excitation coil 23 is wound so as to induce a magnetic field within the receptacle 60, and wherein the receptacle 60 has a wall provided with the magnetron 31, so that the electromagnetic wave is radiated toward inside of the receptacle 60.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2507/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMAGE, RECORDING METHOD, INFORMATION RECOGNITION METHOD, AND INFORMATION RECOGNITION SYSTEM

(51) International classification :B41M3/14,B42D15/10,B41J2/01,C09D11/00
(31) Priority Document No :2003-413563
(32) Priority Date :11/12/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/018961
Filing Date :13/12/2004
(87) International Publication No :WO/2005/056302
(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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Japan
(72)**Name of Inventor :**
1)NAGASHIMA, Akira
2)SUGAMA, Sadayuki.,
3)IKEDA, Noriko,

(57) Abstract :

ABSTRACT To provide an image or the like which can easily record a large amount of information without the lamination of a large number of colorant layers, and which hardly allows forgery, alteration, or the like. Provided is an image formed by overlapping multiple ink layers, in which a first ink layer is formed on a recording material by means of a first ink having fluorescent emission property, a second ink layer is formed on the first ink layer by means of a second ink, and the first ink layer is exposed in a dotted manner on the second ink layer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2508/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A BUILDING OR WINDOW ELEMENT AND A METHOD OF PRODUCING A BUILDING

(51) International classification	:E06B1/38,3/66
(31) Priority Document No	:04388003.8
(32) Priority Date	:09/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/DK2005/000008
Filing Date	:10/01/2005
(87) International Publication No	:WO/2005/066444
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)FIBERLINE A/S

Address of Applicant :Nr. Bjertvej 88, DK-6000 Kolding Denmark

(72)Name of Inventor :

1)PETERSEN, Lars

(57) Abstract :

A building element comprises a glass panel defining an outer circumferential rim including at least two rectilinear segments, a first one of which defines a first length and a second one of which defines a second length. The glass panel is made of hardened glass and has a specific coefficient of thermal expansion. The building element further comprises a first pultruded element having a length corresponding to the first length, and a second pultruded element having a length corresponding to the second length. The first and second pultruded elements are adhered in a high strength integral adhesion to the hardened glass panel along the first and second rectilinear segments, respectively, and the pultruded elements have a content of reinforcing fibres for providing a coefficient of thermal expansion of the pultruded elements substantially corresponding to the specific coefficient of thermal expansion.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2509/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONTROLLING TRANSPORTATION OF DATA PACKETS

(51) International classification	:H04L12/56
(31) Priority Document No	:0328756.2
(32) Priority Date	:11/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2004/004091
Filing Date	:10/12/2004
(87) International Publication No	:WO/2005/060183
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant : Keilalahdentie 4, FIN-02150 ESPOO Finland
(72)**Name of Inventor :**
1)RASANEN, Juha, A.

(57) Abstract :

A method for transport control in a packet switched communication system is disclosed. In the method a data packet assigned with a destination address is received at a node. It may then be detected that the destination address does not meet a filtering criteria. It may then be checked if at least one further destination address has been assigned for the data packet. If it is found that at least one further destination address is assigned for the data packet, the filtering criteria is applied to the at least one further destination address. The data packet is forwarded from the node to a next node in response to detection that the data packet is assigned with a further destination address that meets the filtering criteria.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2510/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUEL INJECTOR WITH DIRECTLY CONTROLLED INJECTION VALVE ELEMENT

(51) International classification	:F02M51/06
(31) Priority Document No	:10 2004 002 299.2
(32) Priority Date	:16/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/052980
Filing Date	:16/11/2004
(87) International Publication No	:WO/2005/068821
(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 : Postfach 30 02 20, D-70442 Stuttgart Germany
(72)**Name of Inventor :**
1)BOECKING, Friedrich

(57) Abstract :

The invention is with reference to a fuel injector (1) with a piezo actuator (2) that directly operates an injection valve element (20), which acts upon a transmission piston (15), and a front side (18) of the transmission piston (15) that pressurises a hydraulic interfacing chamber (9) for operation of the injection valve element (20), and the piezo actuator (2) is incorporated in a cavity (4) in the injector casing (27) which is filled with fuel volumes (5) that are subject to high pressure, characterised in that, the diameter (17)(d2) of a sealing edge (9) in the actuator's foot region (6) corresponds to the diameter (16)(d1) of the transmission piston (15).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2511/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TWIN RECLINER FOR AUTOMOTIVE SEATS

(51) International classification	:B60N2/235
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2004/000072
Filing Date	:07/01/2004
(87) International Publication No	:WO/2004/103764
(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 : #16 Vishweswaraiah Industrial Estate,
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(72)**Name of Inventor :**
1)NAG, Bijon
2)REDDY, Manyam, Hemadri
3)RAMALINGAM, Muthusamy
4)RAJAGOPAL, Kesavan

(57) Abstract :

The present invention provides a twin recliner operable manually for permitting selective position of a seat back with respect to the seat cushion through a range of reclined positions to a selected use position.Said twin recliner comprising:a master and a slave recliner,a shaft arm member with a longitudinal cleavage on one side and a plurality of peripheral stepping arrangement on the other side,an external spring means with one end hooked to the lower portion of the activating lever and the other end locked to the longitudinal cleavage of the shaft to facilitate a nominal return rate of the actuating lever,a rotatable cam mounted on the third of said plurality of stepping arrangement having a projection is engaged with the slot of the lower housing to receive a rotary drive directly from the actuating lever to disengage and engage inner sectors,a guiding plate with a central passage mounted on the fourth of the stepping arrangement of the shaft member to provide a synchronized movement of the inner sectors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2512/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SPATIAL SCALABLE COMPRESSION SCHEME WITH A DEAD ZONE

(51) International classification	:H04N7/26,H04N7/05	(71)Name of Applicant :
(31) Priority Document No	:03104588.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:08/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052583	(72)Name of Inventor :
Filing Date	:29/11/2004	1)VAN VUGT, Henricus, A., G.
(87) International Publication No	:WO/2005/057933	2)BRULS, Wilhelmus, H., A.,
(61) Patent of Addition to Application Number	:NA	3)VERVOORT, Gerardus, J., M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus is disclosed for performing spatial scalable compression of video information captured in a plurality of frames including an encoder for encoding and outputting the captured video frames into a compressed data stream, comprising a base layer comprising an encoded bitstream having a relatively low resolution, a high resolution enhancement layer comprising a residual signal having a relatively high resolution, and wherein a dead zone operation unit attenuates the residual signal, the residual signal being the difference between the original frames and the upscaled frames from the base layer. As a result, the number of bits needed for the compressed data stream is reduced for a given observed video quality.

(54) Title of the invention : OPTICAL DISC SERVO THAT IS ROBUST FOR DEFECTS

(51) International classification	:G11B7/09,G11B7/0037	(71)Name of Applicant :
(31) Priority Document No	:03104587.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:08/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052606	(72)Name of Inventor :
Filing Date	:30/11/2004	1)GOOSSENS, Hendrik, J.
(87) International Publication No	:WO/2005/057563	2)ODGAARD, Peter, F.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method is described for discriminating different types of disc defects in an optical disc drive apparatus (1) of a type comprising: scanning means (30) for scanning a record track of an optical disc (2) and for generating a read signal (SR), the scanning means (30) comprising at least one displaceable read/write element (34); actuator means (50) for controlling the positioning of said read/write element; a control circuit (90) for generating at least one actuator control signal (SCR, SCF, SCT) on the basis of at least one signal component (REN, FEN) of said read signal, the control circuit having a plurality of predetermined controller settings; the method comprising the steps of: deriving from said read signal at least one signal component (MIRN ; performing a frequency analysis of said signal component; selectively setting one of said plurality of predetermined controller settings on the basis of the results of said frequency analysis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2514/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SEARCHING IN A MELODY DATABASE

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:03104572.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:08/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052499	(72)Name of Inventor :
Filing Date	:22/11/2004	1)PAUWS, Steffen, C.
(87) International Publication No	:WO/2005/057429	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system for searching for a query string, that represents an audio fragment, in a melody database (114) includes an input (122, 132) for receiving the query string from a user. The melody database (114) stores respective representations of plurality of audio fragments. A processor (116) is used to decompose (117) the query string into a sequence of a plurality of query sub-strings. Each sub-string is independently searched (118) in the database for at least a respective closest match for the sub-string. In dependence on the search results for the respective sub-strings, a closest match for the query string is determined (119).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2515/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR TWO DIMENSIONAL OPTICAL STORAGE OF DATA

(51) International classification	:G11B7/007
(31) Priority Document No	:03104578.4
(32) Priority Date	:08/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/052593
Filing Date	:30/11/2004
(87) International Publication No	:WO/2005/057562
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VAN DER LEE, Alexander, M.
2)BUSCH, Christopher
3)BRULS, Dominique, M.
4)COOPS, Peter

(57) Abstract :

In a two-dimensional optical storage (Two DOS) arrangement, at certain places on the optical disc, calibration pits are placed, for instance in the lead-in and/or additionally sparsely in the data. The signal waveform resulting from the read out of the calibration bits is measured, and matrix multiplication is performed on these signals to obtain the linear interference coefficients. This can be done since the bit sequence is known (along all of the bit-rows of the 2D patterns). From these linear interference coefficients, the electric field distribution of the read-out spots at the pitholes can be reconstructed. This information can be used in at least two ways: The signal processing unit can use this as input for its settings, so it uses a measured response of the optical channel instead of an expected response. The OPU settings can be adapted in order to optimise spot shape and reduce aberrations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2516/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONDITIONAL ACCESS VIDEO SIGNAL DISTRIBUTION

(51) International classification	:H04N7/167,G07F7/08	(71)Name of Applicant :
(31) Priority Document No	:03104616.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:10/12/2003	Address of Applicant :KONINKLIJKE PHILIPS ELECTRONICS N.V.
(33) Name of priority country	:EUROPEAN UNION	Groenewoudseweg 1, NL-5621 BA Eindhoven Netherlands
(86) International Application No	:PCT/IB2004/052705	(72)Name of Inventor :
Filing Date	:08/12/2004	1)MUIJEN, Marinus, C., M.
(87) International Publication No	:WO/2005/057926	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A video signal distribution system contains a video stream source (10) that produces a data stream with an encrypted video signal, control word information for decrypting the video signal and fee information indicative of fees for viewing respective parts of the video signal. A plurality of video reproduction apparatuses (12) are coupled to a medium (14) to receive the data stream. Each of the video reproduction apparatuses (12) comprises a control word derivation unit (125) for supplying control words derived from the control word information to a video signal decryption device (121). A credit management unit with a credit memory (128) is provided, which enables or disables supply the control words, when the credit memory (128) indicates the availability of more than a threshold amount of credit, and reduces the amount of credit in the credit memory (128) according to the fee information for the part of the video signal for the decoding of which the control words are supplied.

(54) Title of the invention : SHAVING HEAD WITH SKIN STRETCHING MEMBER

(51) International classification	:B26B21/34,B26B21/22	(71) Name of Applicant :
(31) Priority Document No	:03104612.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:10/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052707	(72) Name of Inventor :
Filing Date	:08/12/2004	1)HOUBOLT, Erik
(87) International Publication No	:WO/2005/056251	2)HAMBURG, Marco, C.,
(61) Patent of Addition to Application Number	:NA	3)HOEXUM, Everhardus, J.
Filing Date	:NA	4)PAAUW, Hendrik, K.
(62) Divisional to Application Number	:NA	5)WESSELING, Mark.
Filing Date	:NA	6)AKKERMAN, Hette.

(57) Abstract :

The invention is directed to a shaving head (8) comprising at least one cutting blade (10, 12) and actively driveable skin stretching means (14) arranged behind said cutting blade (10, 12) relative to a cutting direction (16) of said cutting blade (10, 12). The actively driveable skin stretching means (14) are provided to reduce the possibility that nicks and cuts or irritations of the skin to be shaved are created during the shaving operation. In accordance with the invention the shaving head (8) comprises means (18) for providing a pivot axis (20) between the shaving head (8) and a handle (22) attached or attachable to said shaving head (8), said pivot axis (20) being arranged at least essentially parallel to said cutting blade (10, 12). By providing the pivot axis (20) the force ratio between a force applied to the actively driveable skin stretching means (14) and forces applied to other parts of the shaving head (8) may be kept constant for different angles of the handle. This improves the functioning of the actively driveable skin stretching means (14).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2518/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ECHO CANCELLER HAVING A SERIES ARRANGEMENT OF ADAPTIVE FILTERS WITH INDIVIDUAL UPDATE CONTROL STRATEGY

(51) International classification	:H04B3/23	(71) Name of Applicant :
(31) Priority Document No	:03104614.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:10/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052556	(72) Name of Inventor :
Filing Date	:25/12/2004	1)DERKX, Rene, M., M.
(87) International Publication No	:WO/2005/057804	2)MERKS, Ivo, L., D., M.
(61) Patent of Addition to Application Number	:NA	3)JANSE, Cornelis, P.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is an echo canceller comprising two or more adaptive filters for calculating echo estimates, whereby the adaptive filters each have adaptation control mechanisms for applying individual update control criteria. The adaptive filters are arranged in series. Each of the adaptation control mechanisms of the adaptive filters may apply individual update control criteria for both direct echo and diffuse echo. Several step-size reduction strategies are presented.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2519/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROVEMENTS IN OR RELATING TO TABLE COVERING

(51) International classification	:B32B7/06,A47G11/00,G09F23/06	(71) Name of Applicant :
(31) Priority Document No	:0407540.4	1)TABLETALK MEDIA LIMITED,
(32) Priority Date	:02/04/2004	Address of Applicant : NO. 25, Harley street, london WI, U.K.
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:PCT/GB2005/000075	1)CROCKER, paul,
Filing Date	:13/01/2005	2)KEISNER, Lloyd, Anthony
(87) International Publication No	:WO 2005/095099	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A covering, particularly for tables, comprises a layer of semi-permanent adhesive (2) on a clear polymer carrier layer (3) bearing a printed display layer (4). The covering may additionally comprise a substrate (1) of release paper to assist in applying the covering. The covering can be used semi-permanently to cover tables in restaurants and bars for examples, enabling the cover to be removed after a selected period. The cover may be used to present advertising material and may permit the table top to be visible through non-printed regions of the covering.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.252/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MATRIX ADJUVANTS FOR DROP PILLS AND THE PREPERATION OF THE DROP PILLS

(51) International classification : A61K 9/20
(31) Priority Document No :03145615.4
(32) Priority Date :02/07/2003
(33) Name of priority country :China
(86) International Application No :PCT/CN2004/000730
Filing Date :02/07/2004
(87) International Publication No :WO 2005/002547 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 :NO 1, LIAOHEDONG ROAD, XINYIBAI
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(72)Name of Inventor :

1)CHEN, JIANMING
2)YAN, Xijun
3)YANG, YUEWU
4)LU, WENLIANG
5)ZHU, YONGHONG
6)YE, ZHENGLIANG
7)WANG, WEI
8)ZHENG, ZHIGANG
9)WANG, SHUANGMING

(57) Abstract :

The present invention relates to the matrix adjuvants for drop pills and the preparation of the drop pills. The matrix adjuvants for drop pills of the present invention comprise new matrix adjuvants with or without the plasticizing agents, which are typically natural matrix adjuvants derived from plants and of safety and non-toxicity. The present invention decreases the toxicity caused by polyethylene glycol; alters the situation that adjuvants derived from animals is scarce; improves the quality of drop pills; and accelerates the development of drop pills.

(54) Title of the invention : BLOCK CIPHERING SYSTEM, USING PERMUTATIONS TO HIDE THE CORE CIPHERING FUNCTION OF EACH ENCRYPTION ROUND

(51) International classification	:H04L	(71)Name of Applicant :
(31) Priority Document No	:03104643.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:11/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052607	(72)Name of Inventor :
Filing Date	:30/11/2004	1)GORISSEN, Paulus, M., H., M., A.
(87) International Publication No	:WO 2005/060147	2)TRESCHER, Joachim, A.,
(61) Patent of Addition to Application Number	:NA	3)STARING, Antonius, A., M.,
Filing Date	:NA	4)MALLON, Willem, C.,
(62) Divisional to Application Number	:NA	5)TREFFERS, Menno, A.,
Filing Date	:NA	

(57) Abstract :

In a system (600), a server (610) provides a digital signal processing function f to an executing device (620) in an obfuscated form. The function f includes a function cascade of signal processing functions f_1 , $1 \leq i \leq N$ to formula (I). The server includes a processor (612) for selecting a set of $2N$ invertible permutations π_i , $1 \leq i \leq 2N$; calculating a set of N functions g_i , where g_i is functionally equivalent to formula (II) for $1 \leq i \leq N$; and calculating a set of $N-1$ functions h_i , where h_i is functionally equivalent to formula (III) for $2 \leq i \leq N$. The server includes means (614) for equipping the executing device with an execution device function cascade that includes formula (IV), where $y_1, \dots, y_N$ are function parameters to formula (V), and means (616) for providing the functions $g_1, \dots, g_N$ to the executing device. The executing device includes means (626) for obtaining the functions $g_1, \dots, g_N$ and a processor (622) for loading the execution device function cascade and applying the loaded execution device function cascade to the functions $g_1, \dots, g_N$ (e.g., $ED(g_1, \dots, g_N)$).

(54) Title of the invention : SALES PROMOTION DEVICE

(51) International classification	:G06F17/06,G06K19/00,G11B23/28	(71)Name of Applicant :
(31) Priority Document No	:03104637.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:11/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Afghanistan
(86) International Application No	:PCT/IB2004/052503	(72)Name of Inventor :
Filing Date	:22/11/2004	1)FONTIJN, Wilhelmus, F., J.,
(87) International Publication No	:WO 2005/059790	2)KELLY, Declan, P.,
(61) Patent of Addition to Application		3)KAMPERMAN, Franciscus, L., A., J.
Number	:NA	4)LUITJENS, Steven, B.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a sales promotion device (10) for modifying purchasing behavior. The device (10) is distinguished in that it includes spatially co-located first and second component parts (20, 30; 40, 50, 60). The first component part (20, 30) comprises a consumer product (20) and the second component part (40, 50, 60) is operable to encourage a purchaser of the device (10) to seek one or more further products (30), the second part (40, 50, 60) being electronically responsive when spatially presented by the purchaser at retailing premises (200) to enable the purchaser to gain access to and/or take possession of the one or more further products (30).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2522/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELASTIC IMAGE REGISTRATION

(51) International classification	:G06T3/00	(71)Name of Applicant :
(31) Priority Document No	:03104644.4	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:11/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052746	(72)Name of Inventor :
Filing Date	:10/12/2004	1)CARLSEN, Ingwer.,
(87) International Publication No	:WO 2005/059831	2)NETSCH, Thomas.,
(61) Patent of Addition to Application Number	:NA	3)FRANZ, Astrid
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Image registration very often used to be a tedious task which had to be performed manually. According to an exemplary embodiment of the present invention, a non-rigid image registration by an iterative refinement process based on a combination of landmarks with similarity values is proposed. Advantageously, a very fast and robust method maybe provided.

(54) Title of the invention : EMBEDDING OF SIGNAL DEPENDENT PROPERTIES IN A MEDIA SIGNAL

(51) International classification	:H04N7/26,G06T1/00	(71)Name of Applicant :
(31) Priority Document No	:03104645.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:11/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052627	(72)Name of Inventor :
Filing Date	:01/12/2004	1)VAN DER VEEN, Minne
(87) International Publication No	:WO 2005/060264	2)LEMMA, Aweke, N.,
(61) Patent of Addition to Application Number	:NA	3)BARTO, Rene.,
Filing Date	:NA	4)VAN LEEST, Adriaan, J.,
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and device for simplifying distribution of a processed media signal and a method and device for distributing a media signal. A properties determining unit (12, 14) determines a set of signal dependent properties (w,a) of a media signal (x). An embedding unit (16) embeds the signal dependent properties in the media signal in order to provide a modified media signal (x"). An extracting unit (22) retrieves the modified media signal (x") from a media signal storage (18) and extracts the signal dependent properties (w, a). A signal processing unit (24, 26) then processes the media signal using the signal dependent properties, such that the processed media signal can be provided for distribution to at least one recipient. In this way storage space is saved and the complexity of an electronic content delivery system is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2524/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING A WATERMARK IN A SIGNAL

(51) International classification	:G10L19/00	(71)Name of Applicant :
(31) Priority Document No	:03104633.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:11/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052526	(72)Name of Inventor :
Filing Date	:24/11/2004	1)VAN DER VEEN, Minne.,
(87) International Publication No	:WO 2005/059897	2)LEMMA, Aweke, N.,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a system for detecting a watermark using informed detection. A first signal potentially having a watermark embedded is received (601) as is a second signal corresponding to the original signal. The signals are segmented (605) into symbol segments. For each symbol segment a first characteristic is determined (607) for a first section and a second characteristic is determined (609) for a second section in response to the first and second signals in those sections. Specifically, ratios between average envelopes are determined. Thus, the first and second characteristic is indicative of the variations of the envelope during a watermark symbol. A watermark symbol estimate is determined (611) from the first and second characteristic. A sequence of estimated watermark symbols is compared to reference watermark symbols and the presence of a watermark symbol is determined (615) depending on the comparison. The invention is particularly suitable for improved detection of a multiplicative watermark.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2525/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BIOACTIVE COMPOSITIONS FROM THEACEA PLANTS AND PROCESSES FOR THEIR PRODUCTION AND USE

(51) International classification	:A61K35/78	(71)Name of Applicant :
(31) Priority Document No	:60/535,861	1)INTEGRATED BOTANICAL TECHNOLOGIES, LLC
(32) Priority Date	:12/01/2004	Address of Applicant : 23 Snowden Avenue, Ossining, NY 10562 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/001132	1)KOGANOV, Michael;
Filing Date	:12/01/2005	
(87) International Publication No	:WO 2005/069835	
(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 isolated bioactive compositions containing bioactive fractions derived from Theacea plants. The present invention also relates to bioactive topical formulations containing the bioactive compositions. The present invention further relates to methods of using the bioactive compositions of the present invention, including, for example, methods for inhibiting inflammatory activity in skin tissue of a mammal, for protecting skin tissue of a mammal from ultraviolet light-induced damage, and for normalizing skin disorders in skin tissue of a mammal. The present invention also relates to methods for isolating bioactive fractions derived from cell juice or a cell walls component a Theacea plant.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2526/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ESTIMATING GENE NETWORKS USING INFERENTIAL METHODS AND BIOLOGICAL CONSTRAINTS

(51) International classification	:G06F
(31) Priority Document No	:60/529,146
(32) Priority Date	:12/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042027
Filing Date	:13/12/2004
(87) International Publication No	:WO 2005/059707
(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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Toranomon, Minato-ku, Tokyo 105-0001, Japan

2)GNI USA

(72)Name of Inventor :

1)OTT, Sascha

2)MIYANO, Satoru

(57) Abstract :

The accurate estimation of gene networks from gene expression measurements is a major challenge in the field of Bioinformatics. We present a general approach to reduce the search space to a biologically meaningful subspace and to find optimal solutions within the subspace in linear time by using inferential models constrained by biologically relevant information. We showed the effectiveness of this approach in application to yeast and Bacillus subtilis data. Also, we provide systems and storage media adapted to provide and store data and results of gene network relationships.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2527/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PISTON AND METHOD OF MANUFACTURE

(51) International classification	:H05B6/02,B23K1/002,13/01,F01B31/08	(71) Name of Applicant :
(31) Priority Document No	:10/735, 798	1)FEDERAL-MOGUL CORPORATION
(32) Priority Date	:12/12/2003	Address of Applicant : 26555 Northwestern Highway, Southfield, MI
(33) Name of priority country	:U.S.A.	48034 U.S.A.
(86) International Application No	:PCT/US2004/041371	(72) Name of Inventor :
Filing Date	:10/12/2004	1)RIBEIRO, Carmo
(87) International Publication No	:WO 2005/060315	2)EGERER, Thomas
(61) Patent of Addition to		3)GAISER, Randall
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A piston particularly adapted for heavy-duty diesel engine applications is fabricated from separate parts having circumferentially extending joining surfaces that are heated prior to bonding to an elevated temperature sufficient to enable bonding of the joining surfaces, and thereafter the joining surfaces brought into contact with one another and twisted to attain a permanent metallurgical weld at the interface of the joining surfaces. The piston has radially spaced walls which are both welded simultaneously. The weld joints may lie in the same or different planes. Once joined, and while still hot, the parts may be pulled apart slightly to reduce the wall thicknesses at the weld joint.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2528/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GUIDED RETRACTOR AND METHODS OF USE

(51) International classification	: A61B 1/32
(31) Priority Document No	:10/734,546
(32) Priority Date	:12/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041155
Filing Date	:08/12/2004
(87) International Publication No	:WO 2005/060613
(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)LARSON, Jeffrey

(57) Abstract :

The present invention provides methods and apparatus in which a surgical retractor comprises a plurality of mechanically coupled tissue retaining walls that are guided into position along one or more guides previously implanted into the patient. The walls are preferably coupled by pivots, so that separating some of the walls from one another opens an operating space. There are preferably two guides, which are driven or screwed into the pedicles of vertebrae, or other bone. Since practical considerations will usually mean that the guides are not generally parallel to one another, the guides are capable of polyaxial movement with respect to the pedicles, and retractor is provided with oversized channels to receive the guides. The channels may be conveniently disposed in a frame, which also serves to hold lock the walls apart. Various convenience features are contemplated including a web disposed between the walls, which expands as the walls are separated. Also contemplated are projections from near the bottoms of one or more of the walls, which can alternatively or additionally help to hold the underlying tissue in place.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2529/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MOLDABLE-FOAM MOLDINGS COMPOSED OF EXPANDABLE PELLETIZED FILLED POLYMER MATERIALS.

(51) International classification	:C08J9/16,9/232
(31) Priority Document No	:103 58 786.1
(32) Priority Date	:12/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/013748
Filing Date	:03/12/2004
(87) International Publication No	:WO 2005/056653
(61) 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 AKTIENGESELLSCHAFT
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(72)**Name of Inventor :**
1)HAHN, Klaus
2)EHRMANN, Gerd
3)RUCH, Joachim
4)ALLMENDINGER, Markus
5)SCHMIED, Bernhard
6)SCHMIED, Bernhard
7)MUHLBACH, Klaus

(57) Abstract :

Moldable-foam moldings composed of expandable pelletized filled polymer materials Abstract Moldable-foam moldings whose density is in the range from 8 to 200 g/l, obtainable via fusion of prefoamed foam beads composed of expandable pelletized filled thermoplastic polymer materials, and a process for preparing the expandable pelletized polymer materials.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2530/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DATA CONVERTER, DATA CONVERSION METHOD, PROGRAM FOR MAKING COMPUTER FUNCTION AS DATA CONVERTER AND RECORDING MEDIUM FOR STORING THIS PROGRAM.

(51) International classification	:G06F13/00,12/00
(31) Priority Document No	:2003-415206
(32) Priority Date	:12/12/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/011038
Filing Date	:02/08/2004
(87) International Publication No	:WO 2005/057413
(61) 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
Address of Applicant : 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka,
5458522 Japan
(72)**Name of Inventor :**
1)ZAIMA, Hiroaki
2)TSUMORI, Osamu
3)ONO, Shuichiro
4)UEDA, Toru

(57) Abstract :

ABSTRACT A data converter for converting a file having layout information to a file which does not depend on the process properties of an information apparatus is provided. The process which is executed by the control part in the data converter includes the step of determining the attributes of the apparatus to which mail is transmitted (SI 006) if a file is attached to received mail (YES in SI 004), the step of executing a conversion process (SI 100) if data conversion is necessary (YES in SI 008), the step of generating a message that mail is incoming which includes information on the location where the file that has been generated through the conversion process is stored (S1012), the step of transmitting the message that mail is incoming to the recipient's apparatus (S1014), the step of storing the file without converting data (SI 020) if data conversion is unnecessary (NO in SI 008), and the step of transmitting the received mail to the recipient's apparatus (SI022).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2531/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INTERLOCKING COVER FOR MOBILE TERMINALS

(51) International classification	:H04M1/02
(31) Priority Document No	:10/734,388
(32) Priority Date	:12/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004450
Filing Date	:19/11/2004
(87) International Publication No	:WO 2005/076693
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant : Keilalahdentie 4, FIN-02150 Espoo Finland
(72)**Name of Inventor :**
1)GARTRELL, Andrew, Julian;

(57) Abstract :

An assembly for a mobile terminal, or a portable electronic device such as a cellular telephone or a personal digital assistant, is provided that includes a chassis with a locking perimeter and at least one covering, such as a front and/or a rear cover, with a locking edge. A cover may include a void or window for viewing a display of the electronic device and a keymat to control the electronic device. The chassis may include a convex groove in which a bracelet or wrap may be included.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2532/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CABINET FOR COMPUTER DEVICES WITH AIR DISTRIBUTION DEVICE

(51) International classification

:G06F1/20

(31) Priority Document No

:10/756,820

(32) Priority Date

:13/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/000874

Filing Date

:12/01/2005

(87) International Publication No

:WO 2005/071521

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)POWER OF 4, L.L.C.

Address of Applicant : 19102 Cuivre Drive, Lake St. Louis, MO 63367

U.S.A.

(72)Name of Inventor :

1)BETTRIDGE, James, M.

2)FORD, Thomas, K.

3)TUREK, James, R.

(57) Abstract :

A cabinet for housing computer devices with an internal air distribution system is disclosed. The cabinet includes an internal chamber defined by a side wall arrangement having at least a front wall. The cabinet includes a support structure for computer devices, wherein the support structure is positioned within the internal chamber of the cabinet. The air distribution device comprises an elongated duct defining a passageway for air distribution. The duct is positioned within the internal chamber and has a plurality of adjustable air discharge ports that are in fluid communication with the passageway. The air distribution device further includes an inlet fan in fluid communication with the passageway. By precisely directing cool air to a frontal portion of the computer devices, the air distribution device reduces the temperature gradients within the cabinet and the quantity of heat that accumulates in the cabinet during operation of the computer devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2533/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SECURITY COUPLING IN PARTICULAR FOR MAIN DRIVETRAINS ON ROLLING STANDS

(51) International classification	:F16D7/02,1/08,3/06	(71)Name of Applicant :
(31) Priority Document No	:103 58 435.8	1)SMS DEMAG AG
(32) Priority Date	:13/12/2003	Address of Applicant : Eduard-Schloemann-Strasse 4, 40237 Dusseldorf
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/012780	(72)Name of Inventor :
Filing Date	:11/11/2004	1)BERGER, Maik
(87) International Publication No	:WO 2005/057038	2)KLEIN, Achim
(61) Patent of Addition to Application Number	:NA	3)SOHLER, Jorn
Filing Date	:NA	4)SAUPE, Michael
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an overload security coupling, in particular for main drivetrains on rolling stands, forming a bridge between a toothed spindle section (1) and a spindle section (6), with an interference fit. According to the invention, the security coupling for axial overload may be combined with a rotational fixing against torsional overload, whereby the same is embodied with a rotating sliding sleeve (3), housing the spindle section (1) with internal toothing in an axially-displaceable manner at one end and enclosing the spindle section (6) with an inner sleeve (4) in the interference fit at the other end and the rear sleeve-like projection (13) thereof generates a fixed frictional connection which gives way in case of overload with a pressure sleeve (5) and a pressure gap (14), tensioned by pressure medium. In order to combine the security coupling of axial overload with a rotational fixing of torsional overload, the spindle section (1) is embodied with a fixed bearing point (2) and the spindle section (6) is embodied with a movable bearing point (8).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2534/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR SENSEAREAS FOR AD-HOC NETWORKING

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:60/536,214	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:13/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050120	(72)Name of Inventor :
Filing Date	:11/01/2005	1)VAN DE MEULENHOF, Dennis
(87) International Publication No	:WO 2005/069556	2)LEURS, Natasja
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT OF THE DISCLOSURE A method and system are provided for electronic devices (10i, 30i, 40i, 50i, 60i)in a home network to have a sense area (310) for detecting one another. This sense area (310) eliminates participation of outsiders in a home network (100, 300, 400, 500, 600). To allow sense areas that are particular (110) to a given device type, in an alternative embodiment, the size and shape of the particularized (110) sense areas can be made to depend on device characteristics, such as portability, and the sensitivity of the device can be adjusted to meet device requirements. Devices (10i, 30i, 40i, 50i, 60i) are placed near to one another to form a network and if no device is sensed communication and display of one another's user interfaces is optionally disabled so others cannot see the device, e.g., when the device (10i, 30i, 40i, 50i, 60i) is removed from its home network (100, 300, 400, 500, 600).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2535/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USER LOCATION RETRIEVAL FOR CONSUMER ELECTRONIC DEVICES

(51) International classification	:H04L29/08,H04Q7/38	(71) Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS, N.V. Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven Netherlands
(31) Priority Document No	:60/536,190	(72) Name of Inventor : 1)MUSIAL, Pawel
(32) Priority Date	:13/01/2004	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/IB2005/050119	
Filing Date	:11/01/2005	
(87) International Publication No	:WO 2005/069579	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A personal mobile device such as a mobile phone (104) stores an identifier of its location when staying in an area for sufficient time (240, 252), or in response to user input (136), and reports (124, 156, 160) the locations to a recommender system (168) of a consumer electronic (CE) device (164). Based on knowledge of the user's itinerary, the recommender system (168) can select or filter content to deliver programs likely to be of interest to the user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2536/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PORTABLE DEVICE FOR RECEIVING MEDIA CONTENT

(51) International classification	:G06F1/28,1/32,H04L29/08	(71) Name of Applicant :
(31) Priority Document No	:0400658.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:13/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.K.	Netherlands
(86) International Application No	:PCT/IB2005/050118	(72) Name of Inventor :
Filing Date	:11/01/2005	1)BELL, David, A.,
(87) International Publication No	:WO 2005/069108	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A portable device (200, 210) comprises a power source (70) and a processing system (15, 20, 25, 30, 35) for processing media content received from a service provider (100) via a delivery channel. A control apparatus (50, 60) determines remaining capacity of the power source (70) and receives information from the service provider (100) about available delivery parameters for an item of content. The control apparatus determines an operating duration for the device based on the delivery parameters and the remaining capacity of the power source and sends a request to the service provider (100) specifying at least one delivery parameter for delivery of the content. By specifying what format the service provider (100) should deliver the content, power savings can be made in the processing (20, 30) and rendering (25, 35) stages and in the receive chain of the portable device. Selection of delivery parameters can be automatic or under user control.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2537/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A METHOD AND APPARATUS FOR DETECTION OF A SPECKLE BASED PHYSICALLY UNCLONABLE FUNCTION

(51) International classification :G02B27/48,G11B20/00 (31) Priority Document No :03104677.4 (32) Priority Date :12/12/2003 (33) Name of priority country :EUROPEAN UNION (86) International Application No :PCT/IB2004/052527 Filing Date :24/11/2004 (87) International Publication No :WO/2005/059629 (61) 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. Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven Netherlands (72)Name of Inventor : 1)STALLINGA, Sjoerd., 2)SKORIC, Boris., 3)TUYSLS, Pim, T. 4)OPHEY, Willem, G. 5)AKKERMANS, Antonius, H., M.

(57) Abstract :

ABSTRACT: An optical arrangement of at least a coherent light source (1), a strongly scattering object (5) (the PUF), and a pixelated photo-detector (6), wherein the pixels are comparable in size with the bright and dark patches of the speckle pattern produced by coherent radiation traversing the scattering object (5). Quantitatively, the pixel size should be roughly λ/NA , where λ is the wavelength, and (i) $NA=a/z$ for free-space geometry, with a being the beam radius and z being the distance between the exit surface of the PUF (5) and the pixelated detector (6), or (ii) NA is the numerical aperture of a lens (7) in an imaging geometry. In a preferred embodiment of the invention, there are tentative requirements that the pixels should be at least smaller than $\eta_{max}\lambda/l/NA$ and preferably larger than $\eta_{min}\lambda/NA$, where (in an exemplary embodiment) $\eta_{max}=5$ and $\eta_{min}=0.05$, say. It will be understood by a person skilled in the art that the present invention is concerned with the optical arrangement of the PUF (5) and the photo-detector (6), rather than the photo-detector (6) per se.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2538/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITION

(51) International classification	:A61K031/443	(71)Name of Applicant :
(31) Priority Document No	:1065/CHE/2003	1)DR. REDDY'S LABORATORIES LTD.
(32) Priority Date	:30/12/2003	Address of Applicant : S.V.N. Raju. Intellectual Property Management
(33) Name of priority country	:India	Inegrated product Development, Dr Reddys laboratories Limited Survey Nos.
(86) International Application No	:PCT/US2004/043155	42, 45 & 46, Bachupalli, Qutubullapur, RR District - 500 072. Andhra Pradesh
Filing Date	:23/12/2004	India
(87) International Publication No	:WO/2005/065726	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)KANDARAPU, Raghupathi
Filing Date	:NA	2)Akhilesh, Ashok Dixit
(62) Divisional to Application Number	:NA	3)Vijay, Dinanathji Nasare.
Filing Date	:NA	4)Mailatur, Sivaraman Mohan,

(57) Abstract :

A solid pharmaceutical dosage form comprises a core particle containing at least one pharmaceutical active ingredient and/or excipient that is sensitive to acid, a subcoating containing a chemically reactive component disposed over the core, and an enteric coating over the subcoating.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2539/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SWABBABLE NEEDLE-FREE INJECTION PORT VALVE SYSTEM WITH NEUTRAL FLUID DISPLACEMENT

(51) International classification :F16K51/00,F161,29/00,37/28,A61M25/00
(31) Priority Document No :10/756,601
(32) Priority Date :13/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001127
Filing Date :12/01/2005
(87) International Publication No :WO/2005/069832
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)RYMED TECHNOLOGIES, INC.

Address of Applicant : 2154 Kidd Road, Nolensville, TN 37135 U.S.A.

(72)Name of Inventor :

1)RYAN, Dana, Wm.

2)GORDON, David, P.

3)KAISER, James, M.

4)SCARFONE, Frank, A.

(57) Abstract :

An improved needle-free intravenous injection port assembly is disclosed. Embodiments include a boot valve with a helical surface, a boot valve and septum which mate with mechanical interference, a spike with a rough outer surface coated with a lubricant, a septum having a shoulder and a single continuous swabbable surface, a septum and a boot valve which are pre-punctured with a solid core steel needle, a septum with a frustroconical extension and a combination single piece septum and boot valve. The injection port assembly provides neutral fluid displacement during coupling and uncoupling.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2540/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TWO-PHASE METHOD FOR THE SYNTHESIS OF SELECTED PYRAZOLOPYRIMIDINES

(51) International classification	:C07D487/00
(31) Priority Document No	:60/536,302
(32) Priority Date	:14/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040241
Filing Date	:02/12/2004
(87) International Publication No	:WO/2005/070931
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MALLINCKRODT INC.
Address of Applicant : 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, Missouri 63134. U.S.A.
(72)**Name of Inventor :**
1)CANTRELL, Gary Lee
2)MOSER, Frank William
3)HALVACHS, Robert Edward

(57) Abstract :

An improved method of making a substituted pyrazolopyrimidine. The method comprises reacting a aminopyrazole compound or a salt thereof with a substituted 1-oxo-2-propenyl-arene(-heterocycle) or a salt thereof under acidic conditions in a reaction medium including a two-phase mixture of an aqueous solution and a water-immiscible organic liquid. Specific substituted pyrazolopyrimidines include N-[3-(3-cyanopyrazolo[1,5-a]pyrimidin-7-yl)phenyl]-N-ethylacetamide and N-methyl-N-(3-{3-[2-thienylcarbonyl]-pyrazolo[1, 5-a]-pyrimidin-7-yl}phenyl)acetamide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2541/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 4-ARYL PIPERIDINES

(51) International classification : C07D 401/14
(31) Priority Document No :10/757,962
(32) Priority Date :14/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/001131
Filing Date :13/01/2005
(87) International Publication No :WO/2005/069834
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)H. LUNDBECK A/S
Address of Applicant : Ottiliavej 9, DK-2500 Valby Copenhagen Denmark
(72)Name of Inventor :
1)MARZABADI, Mohammad, R,
2)WETZEL, John, M.
3)CHEN, Chien-An
4)DELEON, John, E.
5)JIANG, Yu
6)LU, Kai [

(57) Abstract :

This invention is directed to 4-aryl piperidines and related heterocyclic compounds which are selective antagonists for melanin concentrating hormone-1 (MCH1) receptors. The invention provides a pharmaceutical composition comprising a therapeutically effective amount of the compound of the invention and a pharmaceutically acceptable carrier. This invention provides a pharmaceutical composition made by combining a therapeutically effective amount of the compound of this invention and a pharmaceutically acceptable carrier. This invention further provides a process for making a pharmaceutical composition comprising combining a therapeutically effective amount of the compound of the invention and a pharmaceutically acceptable carrier. This invention also provides a method of reducing the body mass of a subject which comprises administering to the subject an amount of a compound of the invention effective to reduce the body mass of the subject. This invention further provides a method of treating a subject suffering from depression and/or anxiety which comprises administering to the subject an amount of a compound of the invention effective to treat the subject's depression and/or anxiety.

(54) Title of the invention : NOVEL MULTICOMPONENT OXIDATION CATALYST AND PROCESS FOR PRODUCING EPOXY COMPOUND THEREWITH

(51) International classification	:B01J31/02,C07D301/12	(71) Name of Applicant :
(31) Priority Document No	:2003-417188	1)TAKASAGO INTERNATIONAL CORPORATION
(32) Priority Date	:15/12/2003	Address of Applicant : 37-1, Kamata 5-chome, Ohta-ku, Tokyo 1448721
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2004/017380	(72) Name of Inventor :
Filing Date	:24/11/2004	1)HORI, Yoji ,
(87) International Publication No	:WO/2005/058494	2)NAKAMURA, Junji,
(61) Patent of Addition to Application Number	:NA	3)SAWAKI, Tomoya
Filing Date	:NA	4)TANAKA, Shigeru
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A novel multicomponent oxidation catalyst that can be effectively used in, for example, an epoxidation reaction of olefins, etc., being inexpensive and high in versatility and that exhibits high catalytic activity; and a process for producing an epoxy compound through hydrogen peroxide oxidation of an olefin with the use of the multicomponent oxidation catalyst. There is provided a multicomponent oxidation catalyst comprising a tungsten compound, a quaternary ammonium salt, any of phosphoric acids and/or boric acids and a hydrogen sulfate salt. Further, there is provided a process for producing an epoxy compound, characterized in that an olefin is oxidized with hydrogen peroxide in the presence of the above multicomponent oxidation catalyst. The epoxy compound obtained by this process is useful as an intermediate of agricultural chemicals, medicines or the like, a raw material of various polymers, etc.

(54) Title of the invention : ROCKBOLTS MADE OF HIGH- STRENGTH STEEL PIPES AND METHOD OF MANUFACTURING THEREOF.

(51) International classification	:E21D20/00,C23C2/06	(71)Name of Applicant :
(31) Priority Document No	:2004-007046	1)NISSHIN STEEL CO., LTD.
(32) Priority Date	:14/01/2004	Address of Applicant : 4-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo
(33) Name of priority country	:Japan	100-8366. Japan
(86) International Application No	:PCT/JP2004/011205	2)NISSHIN-KOKAN CO., LTD.
Filing Date	:29/07/2004	(72)Name of Inventor :
(87) International Publication No	:WO/2005/068779	1)NAKAKO, Takefumi ,
(61) Patent of Addition to Application Number	:NA	2)YOSHIDA, Takeyuki
Filing Date	:NA	3)MATSUBARA, Shigeo
(62) Divisional to Application Number	:NA	4)KITTAKE, Toshiharu
Filing Date	:NA	5)KANAZAWA, Hiroki

(57) Abstract :

A high-strength steel pipe rockbolt has an expansive rockbolt main body prepared by processing a high-strength steel sheet of 1.8-2.3 mm in thickness with tensile strength of 490-640 N/mm² and elongation of 20% or more to a welded pipe and roll-forming the welded pipe to a shaped pipe having one or more concavities extending along an axial direction. Use of the high-strength steel sheet ensures sufficient strength of the shaped pipe regardless of a decrease in thickness. The thin welded pipe is also advantageous in resistance to cracking caused by accumulation of strains introduced during roll-forming, swaging both ends of the welded pipe and hydraulic expansion. Moreover, expansive deformation of the shaped pipe is initiated by injection of a pressurized fluid at a low pressure, so that the expansive deformation is completed in a short time period with an improved working efficiency.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2544/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BENZIMIDAZOLE DERIVATIVES

(51) International classification :C07D235/18,235/26,235/28,401/04,401/06
(31) Priority Document No :0400781.1
(32) Priority Date :14/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/000291
Filing Date :13/01/2005
(87) International Publication No :WO/2005/068433
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)GERSPACHER, Marc

2)WEILER, Sven

(57) Abstract :

A compound of formula (I) or a pharmaceutically acceptable salt or prodrug ester thereof; wherein R1-R7 are as disclosed in the specification and pharmaceutical uses thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2545/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PORT TYPE AGNOSTIC PROXY SUPPORT FOR WEB SERVICES INTERMEDIARIES

(51) International classification	:H04L29/08
(31) Priority Document No	:10/734,770
(32) Priority Date	:12/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/053382
Filing Date	:09/12/2004
(87) International Publication No	:WO/2005/060212
(61) 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 : Armonk,New York 10504. U.S.A.
(72)**Name of Inventor :**
1)FLURRY, Gregory, Alan
2)HOLDSWORTH, Simon, Antony, James
3)SNELL, James, Michael

(57) Abstract :

Abstract Methods, systems, and products are disclosed in which port type agnostic proxy support for web services intermediaries is typically provided by receiving in a web services intermediary a request for execution of a web services operation, wherein the request includes parametric information from which an endpoint for a target service that supports the operation can be identified; identifying, in dependence upon the parametric data, the endpoint for a target service that supports the operation; creating a target service request for execution of the operation on the target service; and issuing the target service request to the target service. Exemplary embodiments typically also include the return path of request-response processing: receiving in the intermediary a response from the target service; creating in the intermediary, in dependence upon the response from the target service, a response from the intermediary; and returning the response from the intermediary to the requesting client.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2546/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR MIXING AT LEAST TWO FLUIDS IN A MICROMIXING REACTOR.

(51) International classification :B01J19/00,F28D7/10,B01F13/00,5/04,15/06
(31) Priority Document No :10 2004 001 852.9
(32) Priority Date :13/01/2004
(33) Name of priority country :Germany
(86) International Application No:PCT/EP2005/000212
Filing Date :12/01/2005
(87) International Publication No :WO/2005/068064
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SYNTICS GMBH
Address of Applicant : Universitätsstrasse 142, 44799 Bochum Germany
(72)**Name of Inventor :**
1)DAHLBECK, Rolf
2)DIERSELHUIS, Marcel

(57) Abstract :

A method and an apparatus are proposed for mixing at least two fluids in a micromixing reactor constructed from a stack of films or thin plates, wherein a mixing chamber extends transverse to the film planes, and the fluids to be mixed are introduced separately and adjacent one another on the film planes transverse to the longitudinal axis of the mixing chamber, so that the mixing of the fluids takes place directly on their introduction into the mixing chamber, and wherein the resulting mixture is tempered at least on a portion of the circumference of the mixing chamber by a tempering means.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2547/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF FOOD INTAKE MANAGEMENT

(51) International classification : A61K 31/445

(31) Priority Document No :161595

(32) Priority Date :22/04/2004

(33) Name of priority country :Israel

(86) International Application No :PCT/IL2005/000440

Filing Date :21/04/2005

(87) International Publication No :WO/2005/101979

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MOR RESEARCH APPLICATIONS LTD.

Address of Applicant : 20 HaMagshimim Street, Kiryat-Matalon, 49170

Petach-Tikva. Israel

(72)Name of Inventor :

1)BARAK, Nir

(57) Abstract :

Methods for regulating food intake in a human subject; for improving a compliance of a human subject to caloric restriction; and for reducing a desire of a human subject to consume fats, utilizing H1-receptor agonists that have a pharmacological half-life that allows an efficient treatment regime thereof are disclosed. The methods can be efficiently used for treating conditions such as overeating, overweight, obesity, binge eating disorder, night eating syndrome, obsessive eating, compulsive eating and bulimia, as well as conditions associated with metabolic derangement such as dyslipidemia.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2548/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS OF PRODUCING PEPTIDES/PROTEINS IN PLANTS AND PEPTIDES/PROTEINS PRODUCED THEREBY

(51) International classification

:

(31) Priority Document No

:60/536,486

(32) Priority Date

:14/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/001160

Filing Date

:14/01/2005

(87) International Publication No

:WO/2005/069845

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)OHIO UNIVERSITY

Address of Applicant : Technology Transfer Office, Unit 14, 340 West State Street, Athens, OH 45701 U.S.A.

(72)Name of Inventor :

1)KIELISZEWSKI, Marcia, J.

2)XU, Jianfeng

3)KOPCHICK, John

4)OKADA, Shigeru

(57) Abstract :

Methods of increasing the yield in plant expression of recombinant proteins comprising: engineering glycosylation sites into cloned genes or cDNAs for proteins using codons that drive post-translational modifications in plants; and engineering the cloned genes or cDNAs to contain a plant secretory signal sequence that targets the gene products (protein) for secretion. The methods result in increased recombinant glycosylated protein yields. Proteins produced according to these methods are disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2549/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CLUSTER DATABASE WITH REMOTE DATA MIRRORING

(51) International classification :G06F11/20

(31) Priority Document No :10/760,013

(32) Priority Date :15/01/2004

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

(86) International Application No :PCT/US2005/001056

Filing Date :12/01/2005

(87) International Publication No :WO/2005/071575

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ORACLE INTERNATIONAL CORPORATION

Address of Applicant : 500 Oracle Parkway, Redwood Shores, CA 94065

U.S.A.

(72)Name of Inventor :

1)CHANDRASEKARAN, Sashikanth

2)KEHOE, William, F.

(57) Abstract :

A method and apparatus for mirroring data between a plurality of sites is provided. A replication relationship is established between the plurality of sites that include a first site and a second site. A first database server at the first site receives an indication that a write operation could not be successfully mirrored at the second site. In response to the indication, the first database server initiates a membership voting operation by communicating with a quorum device to determine whether the first database server or a second database server associated with the second site should be removed from the replication membership. If it is determined that the second database server associated with the second site should be removed from the replication membership, then the first database server sends a message to indicate that write operations are no longer to be replicated at the second site.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2550/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUSTENITIC STAINLESS STEEL, MANUFACTURING METHOD FOR THE SAME AND STRUCTURE USING SAME

(51) International classification :C22C38/00,38/58,C21D6/00,8/00,G21C3/07
(31) Priority Document No :2004-004928
(32) Priority Date :13/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/000274
Filing Date :13/01/2005
(87) International Publication No :WO/2005/068674
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)MITSUBISHI HEAVY INDUSTRIES, LTD.

Address of Applicant : 16-5, Konan 2-chome, Minato-ku, Tokyo 1088215
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2)THE TOKYO ELECTRIC POWER COMPANY, INC.

(72)Name of Inventor :

1)SAKAGUCHI, Yasuhiro.

2)IWAMURA, Toshihiko

3)KANESAKI, Hiroshi.

4)MIMAKI, Eiji

5)TANEIKE, Masaki

6)SUZUKI, Shunichi.,

7)TAKAMORI, Kenrou

8)OOKI, Suguru.

9)ANAHARA, Naoki.

10)HIRANUMA, Naoki

11)YONEZAWA, Toshio

(57) Abstract :

There are provided an austenitic stainless steel having high stress corrosion crack resistance, characterized by containing, in percent by weight, 0.030% or less C, 0.1% or less Si, 2.0% or less Mn, 0.03% or less P, 0.002% or less S, 11 to 26% Ni, 17 to 30% Cr, 3% or less Mo, and 0.01% or less N, the balance substantially being Fe and unavoidable impurities; a manufacturing method for an austenitic stainless steel, characterized in that a billet consisting of the said austenitic stainless steel is subjected to solution heat treatment at a temperature of 1000 to 1150°C; and a pipe and a in- furnace structure for a nuclear reactor to which the said austenitic stainless steel is applied.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2551/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ADAPTIVE PHYSIOLOGICAL MONITORING SYSTEM AND METHODS OF USING THE SAME

(51) International classification	:A61B5/00	(71)Name of Applicant :
(31) Priority Document No	:60/536,763	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:15/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050056	(72)Name of Inventor :
Filing Date	:05/01/2005	1)RUSSELL, James, Knox
(87) International Publication No	:WO/2005/070289	2)LYSTER, James, Dean
(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 methods and an apparatus for an adaptive physiological monitoring system (10). The physiological monitoring system incorporates a sensor (110) responsive to the physical activity of the monitor-wearing patient. The system monitors one or more physical parameter(s) of the user to distinguish between periods of quiet rest and normal waking activity and communicates non-urgent information regarding a system error or information about the measured physical parameter to the user or to an external system only if one or more physical parameters of the user exceed predetermined threshold criteria. The system also suppresses alerts regarding physiological states that are inconsistent with normal patient activity if one or more physical parameters of the user exceed a predetermined threshold. The physiological monitoring system (10) incorporates a sensor (110) responsive to the physical activity level of the user, for detecting directly or indirectly measuring the physical activity level of the user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2552/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUDIO SIGNAL ENHANCEMENT

(51) International classification

:H04R3/04

(31) Priority Document No

:04100092.8

(32) Priority Date

:13/01/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/IB2005/050110

Filing Date

:10/01/2005

(87) International Publication No

:WO/2005/069679

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)VAN RECK, Kristof.

(57) Abstract :

An audio signal (A) is enhanced by dividing the signal into time segments of a selected frequency range and scaling the audio signal in each time segment. The time segments (S) are defined by zero crossings (Z) of the audio signal, thus avoiding the introduction of any undesired harmonics. The scaling may involve linear or non-linear scaling factors. When the selected frequency range comprises bass frequencies, a very effective and distortion-free bass enhancement is obtained.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2553/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MESH MODELS WITH INTERNAL DISCRETE ELEMENTS

(51) International classification	:G06T17/20	(71)Name of Applicant :
(31) Priority Document No	:04300019.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:13/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000051	(72)Name of Inventor :
Filing Date	:05/01/2005	1)LAFFARGUE, Franck.
(87) International Publication No	:WO/2005/069227	2)FRADKIN, Maxim
(61) Patent of Addition to Application Number	:NA	3)ROUET, Jean-Michel.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An image processing system having image data processing means of segmentation of an object of interest using an unstructured deformable mesh model composed of surface (TJ) and internal (THJ) discrete elements, and further means of refining said mesh model by automatically dynamically adapting the size of the internal discrete elements to the local variation of size of the surface discrete elements. This system has means for acquiring size information (LJ) related to the surface discrete elements in order to evaluate the optimal size to be assigned to the internal discrete elements and for propagating this size information from the surface discrete elements to the internal discrete elements while new internal discrete (THJ) elements are created during the refinement process by insertion of new vertices inside said internal discrete elements.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2555/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :12/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ULTRASONIC DRUG-DELIVERY SYSTEM

(51) International classification :A61M37/00,25/00

(31) Priority Document No :60/529,096

(32) Priority Date :15/12/2003

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

(86) International Application No :PCT/IL2004/001133

Filing Date :15/12/2004

(87) International Publication No :WO/2005/056104

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SONENCO LTD.

Address of Applicant : GRANOT INTIATIVE CENTER, 38100 D.N.

HEFER Israel

(72)Name of Inventor :

1)ZUSMAN, Leonid

2)GOLDMAN, Michael

3)ENTIS, Allan

(57) Abstract :

Apparatus for delivering a drug to a target site of a body comprising: a dispersing member adapted to vibrate when acoustically excited; a source of acoustic energy controllable to couple acoustic energy to the dispersing member to excite it to vibrate; and a drug adhered to the dispersing member so that when the acoustic source excites the dispersing member, the drug is dispersed therefrom.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2556/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DECISION SUPPORT SYSTEM TO DETECT THE PRESENCE OF ARTIFACTS IN PATIENTS' MONITORING SIGNALS USING MORPHOGRAMS

(51) International classification	:G06K9/00	(71) Name of Applicant :
(31) Priority Document No	:60/536,764	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:15/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050136	(72) Name of Inventor :
Filing Date	:12/01/2005	1)ALI, Walid
(87) International Publication No	:WO/2005/071600	2)HALL, Christopher.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for monitoring a patient (110) includes determining (114) convex hulls for pairs of monitored signals from the patient, and determining whether a perturbation has occurred (115, 116) in one or more of the convex hulls. This exemplary embodiment (110) can also include alerting an operator that a clinically significant change may have occurred (117) in the patient if each of the convex hulls has been perturbed. If only a subset of the convex hulls is perturbed, an artifact has probably occurred (118).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2557/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : STOCHASTIC ANALYSIS OF CARDIAC FUNCTION

(51) International classification	:G06T7/60	(71)Name of Applicant :
(31) Priority Document No	:60/536,762	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:15/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050060	(72)Name of Inventor :
Filing Date	:05/01/2005	1)SENEGAS, Julien, T.
(87) International Publication No	:WO/2005/071615	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A diagnostic imaging apparatus (10) performs stochastic model-based segmentation of diagnostic images of a subject. A plurality of stacks of slice images (22) are generated with each stack displaced in time. Multiple solutions of the organ shapes are computed from the stacks of slice images in the form of a plurality of shape samples (26). The samples are generated (24) according to a Bayesian model describing the conditional distribution of the shape given the images and at least one functional parameter (32) is derived for each of the samples. A probability value (30) is derived for each parameter and displayed (36, 38).

(54) Title of the invention : INTERMEDIATE DISTRIBUTION FRAME (IDF) FOR MEDICAL DATA BY USING A SMART IP EMULATING DETECTION AP

(51) International classification	:H04L12/28,A61B5/00	(71) Name of Applicant :
(31) Priority Document No	:60/536,751	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:15/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050057	(72) Name of Inventor :
Filing Date	:05/01/2006	1)WITTENBER, Jan
(87) International Publication No	:WO/2005/071895	2)ROSNOV, Brian
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An emulation Access Point, method and system for providing an Intermediate Distribution Frame (IDF) for transmission between a wireless device and a remote client on a wired Local Area Network (LAN) includes a protocol stack having a wireless device radio module adapted for communication with the wireless device. An emulation Access Point is adapted for communication with the wireless device radio module, and an Access Point Controller is adapted for communication with both the Access Point and a remote client. The emulation Access Point includes a Gateway Translation function (GTF) module that is adapted for receiving data from the wireless device radio module, the data being transmitted in a local protocol by a local protocol receiving unit, and translating the data to a standard protocol by the standard protocol unit that is transmitted to the remote client. The remote client sees an emulated wired device on the LAN instead of a wireless device from a WLAN. The emulation Access Point, while being adapted to receive a streamlined PWD, is also adapted to be permit communication from conventional PWDs to the remote client, so that hospitals, etc., won't have to completely replace their PWDs all at once.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2559/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COOLING AND SELECTIVE DUST SHIELDING OF OPTICAL PICK-UP UNIT IN DVD DISC DRIVE

(51) International classification :G11B33/14

(31) Priority Document No :60/536,975

(32) Priority Date :16/01/2004

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

(86) International Application No :PCT/IB2005/050165

Filing Date :14/01/2005

(87) International Publication No :WO/2005/071687

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)VAN ES, Roland Arthur

2)VAN MIERT, Gerardus J.C.

(57) Abstract :

A DVD data drive (2) includes a disc drive housing (4) that includes a DVD cartridge (16) and an optical pick-up unit (10) joined to the DVD cartridge (16) such that sensitive parts of the OPU (10) may extend within the DVD cartridge (16) and are shielded from the inner environment (6) of the disc drive housing (4). A fan (22) and air inlet provide (20) for cooling the OPU (10) and DVD cartridge (16) by the forced convection of unfiltered cooling air directed through the disc drive housing (4). The OPU (10) and DVD cartridge (16) are joined by a dust seal (30) that ensures that the cooling air directed through the disc drive housing (4) is shielded from sensitive parts of the OPU (10) which remains dust-free.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2560/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AN OPTICAL SYSTEM, AN ANALYSIS SYSTEM AND A MODULAR UNIT FOR AN ELECTRONIC PEN

(51) International classification	:G06K7/10,G06F3/033	(71)Name of Applicant :
(31) Priority Document No	:0303351-1	1)ANOTO AB
(32) Priority Date	:15/12/2003	Address of Applicant : Emdalavägen 18, 223 69 Lund Sweden
(33) Name of priority country	:Sweden	(72)Name of Inventor :
(86) International Application No	:PCT/SE2004/001864	1)CRAVEN-BARTLE, Thomas
Filing Date	:15/12/2004	2)WASSVIK, Ola
(87) International Publication No	:WO/2005/057471	3)GREDINGER, Peter
(61) Patent of Addition to Application Number	:NA	4)STRÖMBERG, Ola
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A modular unit is designed for an electronic pen. The modular unit comprises a carrier (70) with a receiver for a writing implement, a printed circuit board (72), a two-dimensional radiation sensor (78) mounted on the printed circuit board, and an imaging unit (82) which defines an image plane. The carrier (70), the printed circuit board (72), and the imaging unit (82) are joined together with the imaging unit (82) facing the radiation sensor (78) to locate the image plane at the radiation sensor (78). The modular unit may comprise an analysis system dedicated to a particular optical analysis application, such as position determination based on images of a position-coding pattern. A radiation source, such as an LED or a laser diode, may be arranged on the printed circuit board or mounted in a holder on the imaging unit. The imaging unit (82) may be implemented as a boresight unit for controlling the spatial origin of radiation transmitted towards the radiation sensor (78). The boresight unit may comprise a radiation-transmitting channel, an imaging lens, and a redirecting mirror in the channel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2561/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ULTRASOUND CONTRAST AGENTS FOR MOLECULAR IMAGING

(51) International classification	:A61K49/22	(71) Name of Applicant :
(31) Priority Document No	:04100117.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:15/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050075	(72) Name of Inventor :
Filing Date	:06/01/2005	1)VAN BOMMEL, Ties.
(87) International Publication No	:WO/2005/070473	2)WILLARD, Nicolaas, Petrus.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a new type of contrast agent which comprises metal nano-particles as well as the method of imaging therewith. The metal nano-particles are stable, biocompatible and can be coupled to bio-target-specific molecules for targeted visualization.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2562/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL EXPRESSION-REGULATING SEQUENCES AND EXPRESSION PRODUCTS IN THE FIELD OF FILAMENTOUS FUNGI

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filed on	:C12N9/02(2006.01),C12N9/24(2006.01) :00201343.1 :13/04/2000 :EUROPEAN UNION :PCT/NL2001/000301 :17/04/2001 :WO/2001/079507 :NA :NA :IN/PCT/2002/01837/CHE :17/04/2001	(71) Name of Applicant : 1)EMALFARB, Mark, Aaron Address of Applicant : 193 Spyglass Court Jupiter, FL 33477 U.S.A. (72) Name of Inventor : 1)EMALFARB, Mark, Aaron 2)PUNT, Peter, Jan 3)VAN ZEIJL, Cornelia, Maria, Johanna

(57) Abstract :

A protein corresponding to a Chrysosporium glycosyl hydrolase family 7, exhibiting at least 75% aminoacid identity [as detennined by BLAST algorithm] with the amino acid sequence of SEQ ill No.2 or a part thereof having at least 20 contiguous amino acids which are identical to the corresponding part of the amino acid sequence 1-246 or 394-526 of SEQ ill No.2. A protein corresponding to a Chrysosporium glycosyl hydrolase family 10, exhibiting at least 70% aminoacid identity [as detemlined by BLAST algorithm] with the amino acid sequence of SEQ ill No.4 or a part thereof having at least 20 contiguous amino acids which are identical to the corresponding part of the amino acid sequence 1-133 or 252-383 ofSEQillNo.4.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2563/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUB-DEWPOINT CLAUS AND HYDROGEN SULFIDE OXIDATION

(51) International classification	:C01B17/04	(71)Name of Applicant :
(31) Priority Document No	:04075104.2	1)JACOBS NEDERLAND B.V.
(32) Priority Date	:16/01/2004	Address of Applicant : Plesmanlaan 100, NL-2332 CB Leiden Netherlands
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/NL2005/000023	1)BORSBOOM, Johannes
Filing Date	:14/01/2005	2)VAN WARNERS, Anne
(87) International Publication No	:WO/2005/068357	3)VAN NISSELROOIJ, Petrus, Franciscus, Maria, Theresia
(61) Patent of Addition to Application Number	:NA	4)VAN YPEREN, Renee
Filing Date	:NA	5)CHOPRA, Vijay, Kumar
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the recovery of sulfur from a hydrogen sulfide containing gas, comprising (a) Oxidizing part of the hydrogen sulfide in a gaseous stream with oxygen or an oxygen containing gas in an oxidation stage to sulfur dioxide, and thereafter reacting the major part of the remaining hydrogen sulfide and the major part of sulfur dioxide to elemental sulfur and water, (b) reacting the product gas of oxidation stage a) in at least three catalytic reaction systems and c. selectively oxidizing H₂S in the gas leaving stage b (in particular leaving) the (last) sub-dewpoint Claus reactor) to elemental sulfur, preferably employing for this purpose a catalytic stage including a selective oxidation catalyst, which is substantially insensitive to the presence of water vapor in the gas stream and is ineffective in promoting the establishment of the Claus equilibrium: $2\text{H}_2\text{S} + \text{SO}_2 \rightleftharpoons 2\text{H}_2\text{O} + 3\text{S}$.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2564/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITIONS AND METHODS FOR ENHANCING NEUROPROTECTION VIA ADMINISTRATION OF STEM CELLS AND BLOOD BRAIN BARRIER PERMEABILIZERS

(51) International classification	:C12N5/00,5/08
(31) Priority Document No	:60/529,689
(32) Priority Date	:15/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042043
Filing Date	:15/12/2004
(87) International Publication No	:WO/2005/059115
(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 : 3702 Spectrum Boulevard, Suite 155, Tampa, Florida 33621. U.S.A.
(72)**Name of Inventor :**
1)BORLONGAN, Cesario, V.
2)SANBERG, Paul, R.

(57) Abstract :

The present invention provides compositions and methods for enhancing the neuroprotective effect of umbilical cord blood cells. More particularly, the present invention provides methods of treating neurodegenerative disorders by administering umbilical cord blood cells and a substance capable of permeabilizing the blood brain barrier. In one embodiment, the blood brain barrier permeabilizer is mannitol. In another embodiment, the blood brain barrier permeabilizer is Cereport.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2565/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING PHOSPHONIUM SALTS

(51) International classification

:C07F9/54

(31) Priority Document No

:103 59 434.5

(32) Priority Date

:17/12/2003

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2004/014207

Filing Date

:14/12/2004

(87) International Publication No

:WO/2005/058924

(61) 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 AKTIENGESELLSCHAFT

Address of Applicant : D-67056, Ludwigshafen Germany

(72)Name of Inventor :

1)SZARVAS, Laszlo

2)MASSONNE, Klemens

3)LAAS, Harald

4)EXNER, Kai, Michael

5)GLAS, Detlev

(57) Abstract :

The present invention relates to a process for preparing quaternary phosphonium salts by reacting a ternary phosphine with an optionally substituted, saturated or monounsaturated or polyunsaturated electrophile having from 3 to 25 carbon atoms in ternary solvent mixtures.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2566/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DEVICE FOR PREVENTING BRUXISM

(51) International classification	:A61F5/56
(31) Priority Document No	:1025223
(32) Priority Date	:13/01/2004
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2004/000895
Filing Date	:21/12/2004
(87) International Publication No	:WO/2005/067833
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)BRUXTEC B.V.

Address of Applicant : Oostwijk 18, NL-5406 XT Uden Netherlands

(72)Name of Inventor :

1)BURGER, Michael Albertus

(57) Abstract :

A device for preventing bruxism comprises a carrier (1) intended for receiving in a mouth of a user. The carrier (1) comprises at least a part (2,3) of an electronic biofeedback system. According to the invention the carrier comprises a jaw-shaped body which is adapted to lie only on an outer side against at least a part of a jaw of the user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2567/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARATUS, SYSTEM, AND METHOD FOR ON-DEMAND CONTROL OF GRID SYSTEM RESOURCES

(51) International classification	:G06F9/46	(71)Name of Applicant :
(31) Priority Document No	:10/736,473	1)INTERNATIONAL BUSINESS MACHINES CORPORATION
(32) Priority Date	:15/12/2003	Address of Applicant : Armonk, New York 10504 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/052850	1)FATULA, Joseph
Filing Date	:08/11/2004	
(87) International Publication No	:WO/2005/059748	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus, system, and method are disclosed for on-demand control of a grid system resource on a grid computing system. An on-demand management apparatus includes a user input module, a parameter module, and a reservation module. The user input module is configured to allow a user to input a parameter control request. The parameter control request corresponds to a performance parameter of the grid computing system. The global parameter module is configured to dynamically change the performance parameter, which corresponds to a performance resource, according to the parameter control request. The global reservation module is configured to reserve the performance resource for a grid computing operation. The on-demand management apparatus is also configured to terminate a performance resource reservation when a client reclaims the performance resources from the grid computing system.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2568/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GEOGRAPHICALLY DISTRIBUTED CLUSTERS

(51) International classification	:G06F9/40	(71)Name of Applicant :
(31) Priority Document No	:10/759,894	1)ORACLE INTERNATIONAL CORPORATION
(32) Priority Date	:15/01/2004	Address of Applicant : 500 Oracle Parkway, Redwood Shores, CA 94065.
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/001057	(72)Name of Inventor :
Filing Date	:12/01/2005	1)CHANDRASEKARAN, Sashikanth
(87) International Publication No	:WO/2005/071535	2)KEHOE, William, F.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for mirroring data between a plurality of sites is provided. At a first site of the plurality of sites, a record is maintained that identifies which changes made to one or more data blocks that are stored at the first site have had associated redo information replicated to the other sites of the plurality of sites. A priority value associated with a transaction that is to be performed at the first site is determined. The transaction specifies a modification to a data block. Thereafter, if the priority value indicates that the transaction should not be lost if the first site becomes inoperable, then the transaction is committed only after the record indicates that all other changes that have updated the data block at the first site have had their respective redo information replicated to the other sites of the plurality of sites.

(54) Title of the invention : 1-BENZYL-5-PIPERAZIN-1-YL-3,4 DIHYDRO-1H-QUINAZOLIN-2-ONE DERIVATIVES AND THE RESPECTIVE 1H-BENZO(1,2,6)THIADIAZINE-2,2-DIOXIDE AND 1,4-DIHYDRO-BENZO(D) (1,3)OXAZIN-2-ONE DERIVATIVES AS MODULATORS OF THE 5-HYDROXYTRYPTAMINE RECEPTOR (5-HT) FOR THE TREATMENT OF DISEASES OF THE CENTRAL NERVOUS SYSTEM

(51) International classification	:A61K31/517,31/5415,31/536,C07D239/80	(71)Name of Applicant :
(31) Priority Document No	:60/537,080	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:16/01/2004	Address of Applicant : Grenzacherstrasse 124, CH-4070 Basel
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/EP2005/000095	(72)Name of Inventor :
Filing Date	:07/01/2005	1)SUI, Meng
(87) International Publication No	:WO/2005/067933	2)ZHAO, Shu-Hai
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for permeate side cleaning of a membrane system equipped with capillary membranes (2). The capillary membranes are connected to a permeate collector chamber (4) via an open end thereof which is used to evacuate the permeate. The permeate collector chamber (4) is incorporated into a circulation line (14) which is fitted with a circulating pump (13). A device is connected to the circulation line (14), comprising a feed pump (16) for feeding cleaning fluid (24), a permeate outlet (17) and a cleaning agent outlet (19). The circulation line (14) is initially filled with cleaning fluid (24) for cleaning the permeate side. Subsequently, the cleaning fluid (24) is distributed in a closed circuit in the permeate collector chamber. The cleaning fluid (24) which flows along the ends of the capillary membranes (2) which are open with respect to the permeate collector chamber (4). The capillary membranes (2), together with the permeate collector chamber, are cleaned preferably without any backwashing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2570/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 2, 4 - DIAMINOPYRIMIDINES AND THEIR USE FOR INDUCING CARDIOMYOGENESIS

(51) International classification :C07D239/48,405/12,403/12,A61K31/505	(71) Name of Applicant : 1)NOVARTIS AG Address of Applicant : Lichtstrasse 35, CH-4056, Basel. Switzerland
(31) Priority Document No :60/537,144	(72) Name of Inventor :
(32) Priority Date :16/01/2004	1)WU, Xu
(33) Name of priority country :U.S.A.	2)DING, Sheng
(86) International Application No :PCT/EP2005/000323	3)SCHULTZ, Peter, G.
Filing Date :14/01/2005	
(87) International Publication No :WO/2005/068437	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

ABSTRACT The present invention provides compounds of formula (I) useful for inducing cardiomyogenesis in mammalian cells, particularly embryonic stem cells, in vitro and in vivo.

(54) Title of the invention : MANAGING PROCESSING UTILIZATION IN A NETWORK NODE

(51) International classification	:H04L12/56
(31) Priority Document No	:60/536,469
(32) Priority Date	:14/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001284
Filing Date	:14/01/2005
(87) International Publication No	:WO/2005/067532
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)LUCENT TECHNOLOGIES INC. Address of Applicant :600 MOUNTAIN AVENUE, MURRAY HILL, NEW JERSEY 07974-0636. U.S.A.
(72) Name of Inventor : 1)LODHA, Sandeep 2)BALAKRISHNAN, Thirumalpathy

(57) Abstract :

A technique for managing the utilization of processing resources involves filtering packets that are sent to a CPU for learning before allowing the packets to reach CPU. The filtering involves determining if related packets have already been allowed to reach the CPU for learning and using the knowledge about related packets to determine if a current packet should be allowed to reach the CPU. In one embodiment, the processing resources of the CPU are conserved by allowing only one packet per flow to reach the CPU for learning. The one packet is used by the CPU generate the necessary forwarding information and to initiate programming of the hardware-based forwarding table so that subsequent packets of the same flow can be forwarded directly from the hardware-based forwarding engine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2572/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A CRYSTALLINE FORM OF THE SALT OF 4-(3-CHLORO-4-(CYCLOPROPYLAMINOCARBONYL)AMINO-PHENOXY)-7-METHOXY-6-QUINOLINECARBOXAMIDE OR THE SOLVATE OF THE SALT AND A PROCESS FOR PREPARING THE SAME

(51) International classification :C07D215/48,A61K31/47,A61P9/10,17/06
(31) Priority Document No :2003-430939
(32) Priority Date :25/12/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/019223
Filing Date :22/12/2004
(87) International Publication No :WO/2005/06
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to Application :NA
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Eisai Co., Ltd.

Address of Applicant : 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo,
1128088 Japan

(72)Name of Inventor :

1)MATSUSHIMA, Tomohiro

2)NAKAMURA, Taiju

3)YOSHIZAWA, Kazuhiro

4)KAMADA, Atsushi

5)AYATA, Yusuke

6)SUZUKI, Naoko

7)ARIMOTO, Itaru

8)SAKAGUCHI, Takahisa

9)GOTODA, Masaharu

(57) Abstract :

A crystal of a 4-(3-chloro-4- (cyclopropylaminocarbonyl)aminophenoxy)-7-methoxy-6- quinolinecarboxamide hydrochloride, hydrobromide, p-toluenesulfonate, sulfate, methanesulfonate or ethanesulfonate, or a solvate thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2573/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MALONONITRILE COMPOUND AS PESTICIDES

(51) International classification :C07D231/12,261/08,275/02,263/32,277/32
(31) Priority Document No :2004-009149
(32) Priority Date :16/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/000629
Filing Date :13/01/2005
(87) International Publication No :WO/2005/068432
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SUMITOMO CHEMICAL COMPANY, LIMITED
Address of Applicant : 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo,
1048260 Japan
(72)**Name of Inventor :**
1)MITSUDERA, Hiromasa
2)OTAKA, Ken
3)FUJIWARA, Jun

(57) Abstract :

The present invention provides a malononitrile compound represented by the formula (I): wherein any one of X1, X2, X3 and X4 is CR100, wherein R100 is a group represented by the formula: the other three of X1, X2, X3 and X4 each represent nitrogen or CR5, provided that 1 to 3 of X1, X2, X3 and X4 represent nitrogen, and Z represents oxygen, sulfur or NR6, which has pest-controlling activity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2574/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TRANSISTOR INCLUDING A DEPOSITED CHANNEL REGION HAVING A DOPED PORTION

(51) International classification	:H01L27/12,H01L29/10,H01L29/786	(71) Name of Applicant :
(31) Priority Document No	:US 60/490, 239	1)HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
(32) Priority Date	:25/07/2003	Address of Applicant : 20555 S.H. 249, Houston, Texas-77070. U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2004/04303	1)HOFFMAN, Randy
Filing Date	:20/12/2004	
(87) International Publication No	:WO/2005/074038	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transistor (10, 40, 42, 44, 46) having a gate electrode (12, 60), a source electrode (20, 62), a drain electrode (22, 64), a dielectric material (16, 70) and a channel region (18, 80) disposed between the source electrode (20, 62) and drain electrode (22, 64). The channel region (18, 80) includes a portion (82) doped with an impurity to change the fixed charge density within the portion (82) relative to a remainder of the channel region (18, 80).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2575/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INJECTION COMPRESSION MOULDING

(51) International classification	:B29C45/56,45/34,45/26	(71)Name of Applicant :
(31) Priority Document No	:0400936.1	1)IM-PAK TECHNOLOGIES, LTD.
(32) Priority Date	:16/01/2004	Address of Applicant : Unit 12, Hampers Common Industrial Estate,
(33) Name of priority country	:U.S.A.	Petworth, West Sussex GU28 9NR U.K.
(86) International Application No	:PCT/GB2004/005422	(72)Name of Inventor :
Filing Date	:30/12/2004	1)CLARKE, Peter, Reginald
(87) International Publication No	:WO/2005/068157	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A mould for injection compression moulding of an article, comprises a female mould part (10) and a core (16) for mounting in use on the platens of an injection moulding machine for movement towards and away from one another between an open and a closed position. A sealing ring (20) surrounds the core 16 for effecting a seal between the female mould part (10) and the core (16). The core (16), the female mould part (10) and the sealing ring (20) together define a closed mould cavity as the core approaches the closed position. In the invention, the sealing ring (20) has a tapering surface (22) that seals against a tapering surface (26) on the core (16) only after the core has reached the closed position, leaving a venting clearance between the tapering surfaces (24, 26) of the sealing ring (20) and the core (16) as the core (16) approaches the closed position.

(54) Title of the invention : 6-PENTAFLUOROPHENYL-TRIAZOLOPYRIMIDINES, METHOD FOR THEIR PRODUCTION AND THEIR USE FOR COMBATING PATHOGENIC FUNGI, IN ADDITION TO AGENTS CONTAINING SAID SUBSTANCES

(51) International classification :C07D487/04,A01N43/90
(31) Priority Document No :10359452.3
(32) Priority Date :17/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/014210
Filing Date :14/12/2004
(87) International Publication No :WO/2005/058904
(61) 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 AKTIENGESELLSCHAFT

Address of Applicant : D-67056 Ludwigshafen Germany

(72)Name of Inventor :

1)TORMO I BLASCO, Jordi**2)BLETTNER, Carsten****3)MÜLLER, Bernd****4)GEWEHR, Markus****5)GRAMMENOS, Wassilios****6)GROTE, Thomas****7)RHEINHEIMER, Joachim****8)SCHÄFER, Peter****9)SCHIEWECK, Frank****10)SCHWÖGLER, Anja****11)WAGNER, Oliver****12)SCHERER, Maria****13)STRATHMANN, Siegfried****14)SCHÖFL, Ulrich****15)STIERL, Reinhard**

(57) Abstract :

6-pentafluorophenyl-triazolopyrimidines of the formula (I), in which the substituents are as defined below: R1 is alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, halocycloalkenyl, alkynyl, haloalkynyl or phenyl, naphthyl, or a five- or six-membered saturated, partially unsaturated or aromatic heterocycle which contains one to four heteroatoms from the group consisting of O, N and S; R2 is hydrogen or one of the groups mentioned under R1; R1 and R2, together with the nitrogen atom, to which they are attached may also form a five- or six-membered heterocyclyl or heteroaryl, which is attached via N and may contain one to three further heteroatoms from the groups consisting of O, N and S as a ring member; R1 and/or R2 can be substituted defined in the description; X is cyano, alkyl, alkoxy, alkenyloxy, haloalkoxy or haloalkenyloxy. The processes for preparing these compounds, them and their use for controlling phytopathogenic harmful fungi.

(54) Title of the invention : METHOD AND SYSTEM FOR OPERATING A COMPUTER NETWORK WHICH IS INTENDED FOR CONTENT PUBLISHING

(51) International classification	:H04L29/06,29/08
(31) Priority Document No	:04/50079
(32) Priority Date	:14/01/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/050019
Filing Date	:13/01/2005
(87) International Publication No	:WO/2005/074225
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)STG INTERACTIVE
 Address of Applicant : 29 avenue Mozart, F-75016 PARIS France
 (72)**Name of Inventor :**
1)TAMAS, Alexis
2)GRIMBERT, Amaury

(57) Abstract :

The invention relates to a method of operating a computer network which consists of a plurality of computer servers and at least one client terminal comprising a specific computer software program for consulting digital pages and which connects at least two different entities, namely: a rights management system and one or more network operators. The invention is characterised in that it comprises the following steps: a first step involving the initialisation of the computer network using two digital documents signed by the rights manager with a root key, one of said documents being a digital certificate of the network; a step involving the identification of the topology of the network, which results in, for example, the production of a list of servers L1 and the recording of a digital document containing list L1, said digital document being signed by the network operator using a network key; a step involving the resolution of an address using an address lookup server; and a step in which the above-mentioned specific software program is used in order to consult computer objects hosted on the server(s) specified in the address parameters. According to the invention, the digital certificate from the aforementioned computer network initialisation step contains administrative and technical information which enables the user to access the network, the technical information containing, for example, the public part of the network key. The invention also relates to a system for carrying out said method.

(54) Title of the invention : SLAG FUMING PROCESS

(51) International classification	:C22B7/00,13/02,19/30	(71)Name of Applicant :
(31) Priority Document No	:2004-010348	1)SUMITOMO METAL MINING CO., LTD.
(32) Priority Date	:19/01/2004	Address of Applicant : 11-3, Shimbashi 5-chome, Minato-ku, Tokyo
(33) Name of priority country	:Japan	1058716 Japan
(86) International Application No	:PCT/JP2005/000462	(72)Name of Inventor :
Filing Date	:17/01/2005	1)TAKAHASHI, Jun-ichi.
(87) International Publication No	:WO/2005/068669	2)FUJITA, Keiji
(61) Patent of Addition to Application Number	:NA	3)TAN, Toshiro
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A slag fuming process wherein a slag containing arsenic or arsenic and antimony together with zinc and lead is heated and reduced in a slag fuming furnace, and zinc and lead are separated by evaporation, characterized in that it comprises causing a copper melt containing copper in an amount being 5 to 100 wt % relative to that of the slag charged in the above furnace and being 100 wt % or more relative to that of the lead contained in the above slag to be co-present in the above slag melt at a temperature of 1075 to 1500°C, and reacting the copper melt with arsenic or arsenic and antimony contained in the slag, to form a Cu-Fe-Pb-As based uniform melt. The above process of slag fuming and the like can be suitably employed for producing, by the use of a slag generated from a smelting furnace for refining zinc and/or lead, a dust containing zinc and lead and being reduced in the contents of arsenic and antimony, and a slag stably satisfying the environmental standard for soil, at a low treatment cost.

(54) Title of the invention : GLASSWARE FORMING MACHINE MOLD COOLING APPARATUS AND METHOD

(51) International classification	:C03B9/38
(31) Priority Document No	:10/738,103
(32) Priority Date	:17/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040877
Filing Date	:06/12/2004
(87) International Publication No	:WO/2005/061399
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)OWENS-BROCKWAY GLASS CONTAINER, INC.
 Address of Applicant : One SeaGate, Toledo, Ohio 43666 U.S.A.

(72)**Name of Inventor :**
1)DIFRANK, Frank, J.
2)LEIDY, D., Wayne
3)KIRKMAN, Thomas, R.

(57) Abstract :

Abstract In a blank mold side of an LS. glass Container forming machine, mold cooling air flows from a fixed source through a supply conduit to a plenum that underlies and oscillates with a mold-carrying arm. Cooling air from the source flows upwardly through the supply conduit and then into a hollow member that has an inlet portion telescopically received in an outlet of the supply conduit. The hollow member, which is capable of oscillating motion in a horizontal plane with respect to the supply conduit, has a horizontallyfacing outlet with an annular part-spherical bearing surface, and an annular part-spherical bearing is positioned in the part-spherical bearing surface for pivoting motion in a vertical plane of the part-spherical bearing with respect to the hollow member. A cooling air inlet tube has an inlet end telescopically received in the part-spherical bearing. The outlet end of the cooling air inlet tube is non-telescopically received in a part-spherical bearing surface of the plenum. In a blow mold side of an LS. glass Container forming machine, cooling air flows from a fixed source through a supply conduit to a plenum that underlies and oscillates with a mold-carrying arm without any substantial change in the direction of air flow therethrough. A cooling air inlet tube having an outer element, an inner element telescopically positioned within the outer element and a spring to resiliently bias the inner element and the outer element away from one another is provided to accommodate changes in distance between the source and the plenum that occur because of oscillating motion of the mold-carrying arm.

(54) Title of the invention : SEALING DEVICE

(51) International classification	:B21B31/07,F16J15/34,15/447	(71) Name of Applicant :
(31) Priority Document No	:103 60 382.4	1)SMS DEMAG AG
(32) Priority Date	:16/12/2003	Address of Applicant : Eduard-Schloemann-Strasse 4, 40237 Düsseldorf
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/012782	(72) Name of Inventor :
Filing Date	:11/11/2004	1)ROEINGH, Konrad
(87) International Publication No	:WO/2005/061139	2)KELLER, Karl
(61) Patent of Addition to Application Number	:NA	3)HÜCKER, Rolf
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The invention relates to a sealing device for roller bearings, comprising a Journal seal (4), which is arranged upstream on the roller-ball side of the annular seal (8) which is connected in a rigid manner to an annular projection (7) of the bearing housing (5). The sealing lip (18) of the sealing device is applied to the front side (10) of the roller (1) by means of a sealing contact. The aim of the invention is to improve the sealing device in such a manner that the sealing lip of the annular seal is barely impinged upon by cooling means mixed by impurities, making it long lasting and ensuring that no undesired water can penetrate into said outlet. According to the invention, an L-shaped profile (11), in the cross-section, is rigidly connected to the first side (12) thereof by means of the front side (14) of the roller (1), such that the sealing lip (18) is applied to areas of the first side (12); such that the second side (13) of the L-shaped annular profile (11) is sealed to the roller balls at a certain distance from the annular seal (8) and regions of the annular projection (7); and such that the annular projection (7) comprises an outlet groove (9) which is arranged on the outer side and is open towards the outside.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2581/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : STABILIZER COMPOSITION FOR HALOGENATED POLYMERS

(51) International classification	:C08L27/02,C08K3/24,5/098	(71) Name of Applicant :
(31) Priority Document No	:103 59 318.7	1)BAERLOCHER GMBH
(32) Priority Date	:17/12/2003	Address of Applicant : Postfach 11 04, 85701 Unterschleissheim Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2004/014172	1)MÜLDER, Frank
Filing Date	:13/12/2004	2)SANDER, Hans-Jürgen
(87) International Publication No	:WO/2005/059027	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to stabilizer compositions for halogenated polymers, containing Perchlorates and lead Compounds, to polymer compositions containing said stabilizer compositions as well as to moulded articles that can be produced by using the described stabilizer compositions or polymer compositions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2582/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING VITAMIN A ACETATE

(51) International classification :C07C403/20,67/293
(31) Priority Document No :103 59 433.7
(32) Priority Date :17/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/014209
Filing Date :14/12/2004
(87) International Publication No :WO/2005/058811
(61) 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 AKTIENGESELLSCHAFT
Address of Applicant : D-67056 Ludwigshafen Germany
(72)Name of Inventor :
1)EXNER, Kai Michael
2)MASSONNE, Klemens
3)LAAS, Harald
4)GLAS, Detlev
5)SZARVAS, Laszlo

(57) Abstract :

Method for producing vitamin A acetate Abstract: The present invention relates to a process for preparing vitamin A acetate by reacting β -vinylionol with triphenylphosphine in the presence of sulfuric acid in a solvent mixture consisting of - 60 to 80% by weight methanol, 10 to 20% by weight water and 10 to 20% by weight aliphatic, cyclic or aromatic hydrocarbons having 5 to 8 carbon atoms to give β -ionylideneethyltriphenylphosphonium salts and subsequent Wittig reaction with 4-acetoxy-2-methylbut-2-enal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2583/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A PROCESS FOR THE MANUFACTURE OF ADIPIC ACID FROM CYCLOHEXANE

(51) International classification	:C07C51/23
(31) Priority Document No	:02/04332
(32) Priority Date	:08/04/2002
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2003/000984
Filing Date	:28/03/2003
(87) International Publication No	:WO/2003/084913
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2207/CHENP/2004
Filed on	:28/03/2003

(71)**Name of Applicant :**
1)RHODIA POLYAMIDES INTERMEDIATES
Address of Applicant : Avenue Ramboz, F-69190 Saint Fons France

(72)**Name of Inventor :**
1)BONNET, Didier
2)FACHE, Eric
3)SIMONATO, Jean-Pierre
4)VERACINI, Serge

(57) Abstract :

The present invention relates to a process for the manufacture of adipic acid from cyclohexane, characterized in that it comprises a first stage of oxidation of the cyclohexane to cyclohexyl hydroperoxide by oxygen or a gas comprising oxygen, a second stage of concentration of cyclohexyl hydroperoxide in the reaction medium by extraction of at least a portion of the nonoxidized cyclohexane, a third stage of oxidation of cyclohexyl hydroperoxides to adipic acid, with an oxidizing agent comprising molecular oxygen and in the presence of an oxidation catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2584/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CHEMICALLY MODIFIED SMALL MOLECULES

(51) International classification	:A61K47/48
(31) Priority Document No	:60/530,122
(32) Priority Date	:16/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042661
Filing Date	:16/12/2004
(87) International Publication No	:WO/2005/058367
(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)BENTLEY, Michael, D.
2)VIEGAS, Tacey, X.
3)GOODIN, Richard, R.
4)CHENG, Lin
5)ZHAO, Xuan

(57) Abstract :

The invention provides small molecule drugs that are chemically modified by covalent attachment of a water-soluble oligomer obtained from a monodisperse or bimodal water-soluble oligomer composition. A conjugate of the invention, when administered by any of a number of administration routes, exhibits a reduced biological membrane crossing rate as compared to the biological membrane crossing rate of the small molecule drug not attached to the water-soluble oligomer.

(54) Title of the invention : 6-(2-CHLORO-4-ALKOXYPHENYL)TRIAZOLOPYRIMIDINES, THEIR PREPARATION AND THEIR USE FOR CONTROLLING HARMFUL FUNGI AND COMPOSITIONS COMPRISING THESE COMPOUNDS

(51) International classification :C07D487/04,A01N43/90
(31) Priority Document No :103 59 435.3
(32) Priority Date :17/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/014274
Filing Date :15/12/2004
(87) International Publication No :WO/2005/058906
(61) 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 AKTIENGESELLSCHAFT

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(72)Name of Inventor :

1)TORMO I BLASCO, Jordi**2)BLETTNER, Carsten****3)MÜLLER, Bernd****4)GEWEHR, Markus****5)GRAMMENOS, Wassilios****6)GROTE, Thomas****7)RHEINHEIMER, Joachim****8)SCHÄFER, Peter****9)SCHIEWECK, Frank****10)SCHWÖGLER, Anja****11)WAGNER, Oliver****12)SCHERER, Maria****13)STRATHMANN, Siegfried****14)SCHÖFL, Ulrich****15)STIERL, Reinhard**

(57) Abstract :

Substituted triazolopyrimidines of the formula I in which the substituents are as defined below: L is hydrogen, chlorine or bromine; R1, R2 are hydrogen, alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, halocycloalkenyl, alkynyl, haloalkynyl or phenyl, naphthyl or a five- or six-membered saturated, partially unsaturated or aromatic heterocycle which contains one to four heteroatoms from the group consisting of O, N and S, R1 and R2 together with the nitrogen atom to which they are attached may also form a five- or six-membered heterocyclyl or heteroaryl which is attached via N and may contain a further heteroatom from the group consisting of O, N and S as ring member and/or may be substituted as defined in the description; R3 is alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, halocycloalkyl or phenylalkyl; R1, R2 and/or R3 may be substituted as defined in the description; X is halogen, cyano, alkyl, haloalkyl, alkoxy or haloalkoxy; processes and intermediates for preparing these compounds, compositions comprising them and their use for controlling phytopathogenic harmful fungi.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2586/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR COMPRESSING/DECOMPRESSING VIDEO INFORMATION

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:04290121.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000049	(72)Name of Inventor :
Filing Date	:10/01/2005	1)PICARD, Yann
(87) International Publication No	:WO/2005/079074	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The invention relates to a method for compressing video information in a video sequence (It, It+i). According to the invention, this method comprises the steps of: . segmenting a first video frame (Bt) into segments (St,j); . for each segment (St,,) of the first video frame (Bt): - searching, in a second video frame (It+i), a corresponding predicted segment which matches with the segment (Sti) of the first video frame (Bt) ; - calculating a raw set of motion parameters describing the motion between the segment (St,J) and the corresponding predicted segment ; and . for each corresponding predicted segment - searching, in the first video frame (Bt), a corresponding segment that matches with the predicted segment f the second video frame (It+1); - calculating a best set of motion parameters which describes the motion between the corresponding segment and the predicted segment Figure 2.

(54) Title of the invention : METHOD, APPARATUS, COMPUTER PROGRAM AND STORAGE MEDIUM FOR RECORDING A MOVEMENT OF A USER UNIT

(51) International classification	:G06K19/08
(31) Priority Document No	:0303370-1
(32) Priority Date	:16/12/2003
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2004/001906
Filing Date	:16/12/2004
(87) International Publication No	:WO/2005/059819
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :****1)ANOTO AB**

Address of Applicant : Emdalavägen 18, 223 69 Lund Sweden

(72)**Name of Inventor :****1)BJÖRKLUND, Andreas****2)GÄRDENFORS, Torbjörn****3)EDSÖ, Tomas**

(57) Abstract :

A position code is recorded by capturing a sequence of images while writing on the base with a user unit. The position code may be decoded to a sequence of absolute positions reflecting the movement of the user unit over the base. If the position code in any image is not sufficiently recorded, e.g. because it is obscured by other graphics on the base, the spatial relationship of the image to another image in the sequence is determined. If the position code in this other image in the image sequence is decodable to an absolute position, the absolute position of the image in which the position code is not decodable could nevertheless be determined by using the spatial relationship. In this way the movement of the user unit can be recorded even though the position code is obscured, which could be the case when the same printing ink is used for both the position code and other graphics on the base.

(54) Title of the invention : STEAM IRONING DEVICE

(51) International classification	:D06F75/10,D06F75/18,D06F75/22	(71)Name of Applicant :
(31) Priority Document No	:03104734.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052758	(72)Name of Inventor :
Filing Date	:10/12/2004	1)JIANG, Yong.
(87) International Publication No	:WO/2005/059232	2)OOSTERMAN, Bas, J.
(61) Patent of Addition to Application		3)CHING, Boon, K..
Number	:NA	4)KWOK, Kai, H.
Filing Date	:NA	5)VALIYAMBATH KRISHNAN, Mohankumar.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention relates to a steam ironing device comprising a water supply device, a steam generator for generating steam, heating means for heating the steam generator, at least one atomizing device, a valve provided in a flow path between the steam generator and the atomizing device, and an electric pump for delivering water from said water supply device to said steam generator. To obtain wet steam at the atomizing device the ironing device comprises control means for controlling the power of the heating means of the steam generator, for controlling the flow rate of the pump, and for controlling the opening and closing of said valve, said valve being open if the ratio between the flow rate (g/min) of the pump and the power (W) of the heating means is in a range of 1:20 to 1:38.

(54) Title of the invention : STEAM IRON HAVING A LIGHTWEIGHT SOLEPLATE AND FLAT RESISTIVE HEATING TRACKS FOR HEATING THE SOLEPLATE

(51) International classification	:D06F75/24,D06F75/38,D06F75/10	(71) Name of Applicant :
(31) Priority Document No	:03104728.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052576	(72) Name of Inventor :
Filing Date	:29/11/2004	1)YU, Zhenhua.
(87) International Publication No	:WO/2005/059233	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A steam iron comprises a soleplate (1) and a separately arranged steam generator (30) having heating means (31) for heating a content of the steam generator (30). The soleplate (1) comprises an embossed area (11) for distributing the steam. As the soleplate (1) does not play a part in the process of generating steam, and does not need to comprise additional means for distributing steam, it is designed in a relatively lightweight manner, which has the advantage that the time needed for a temperature change of the soleplate (1) is relatively short. On a top surface of the embossed area (11), heating tracks for heating the soleplate (1) are arranged. As the top surface of the embossed area (11) is not capable of directly touching other objects, for example objects to be ironed, situations in which the heating tracks are subjected to severe thermal shocks are avoided.

(54) Title of the invention : MOLECULAR STAMP FOR PRINTING BIOMOLECULES ONTO A SUBSTRATE

(51) International classification	:B01J19/00,C12Q1/68	(71)Name of Applicant :
(31) Priority Document No	:03104724.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052528	(72)Name of Inventor :
Filing Date	:24/11/2004	1)VAN BOMMEL, Ties.
(87) International Publication No	:WO/2005/058478	2)HIKMET, Rifat, A., M.
(61) Patent of Addition to Application Number	:NA	3)STAPERT, Hendrik, R.,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention pertains to a molecular stamp for printing biomolecules onto a substrate comprising a hydrophylic polymeric gel and a patterned surface, characterized in that the gel has at least 20 % crosslink density. Preferably, the stamp comprises a gel which is obtainable by polymerizing at least one of a water soluble ethylenically unsaturated and/or epoxidated monomer containing at least one functional group selected from a hydroxyl, alkoxyl, amine, alkyl substituted amine, carboxylic acid, carboxylic ester, carboxylic anhydride, carboxamide, isocyanate, carbamate, urethane, and urea group, in the presence of a polymerization initiator and optionally a chain transfer agent, and crosslinking the polymer with a crosslinker having at least two ethylenically unsaturated groups and/or epoxy groups.

(54) Title of the invention : VIDEO DISPLAY DEVICE

(51) International classification	:H04N5/45	(71)Name of Applicant :
(31) Priority Document No	:03104733.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052669	(72)Name of Inventor :
Filing Date	:06/12/2004	1)LAM, Weng, K.
(87) International Publication No	:WO/2005/060250	2)WANG, Bing, B.
(61) Patent of Addition to Application Number	:NA	3)NG, Teck, K.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A video display device comprising a display to display a primary image, originating from a first input signal, and a picture-in-picture (PIP) overlaying the primary image and originating from a second input signal. The display characteristics of the PIP are changed in response to information, preferably a file extension, relating to the type of the first input signal in order to obscure as little as possible of the important parts of the primary image. In case the primary image contains much visual information the PIP is chosen small, positioned in the periphery of the display and/or transparent. In case the primary image contains little visual information the PIP is chosen large, centered and/or non-transparent. Useful for Integrated Digital TV cum Broadband TV (IDTV-BBTV) devices, where the primary image is a broadband image and the PIP is a TV image.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2592/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR PROVIDING TIMING RECOVERY IN AN OPTICAL SYSTEM

(51) International classification	:H04L7/033,G11B20/41
(31) Priority Document No	:03104688.1
(32) Priority Date	:15/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/052734
Filing Date	:09/12/2004
(87) International Publication No	:WO/2005/060146
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)IMMINK, Albert, H., J
2)YIN, Bin.

(57) Abstract :

The invention regards a new threshold crossing timing recovery scheme for use in high capacity optical disc systems. The timing error of a timing error detector is multiplied with a weighing function. This scheme effectively increases the robustness of the optical system against data-induced jitter, which is considered to be the dominant disturbance of the timing recovery as the capacity of the optical discs is high. The invention furthermore describes a number of examples of possible weighing functions.

(54) Title of the invention : CONTOUR RECOVERY OF OCCLUDED OBJECTS IN IMAGES

(51) International classification	:G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:03104693.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:15/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052683	(72)Name of Inventor :
Filing Date	:07/12/2004	1)RODRIGUES, Rui, P., A.
(87) International Publication No	:WO/2005/059835	2)ERNST, Fabian, E.
(61) Patent of Addition to Application Number	:NA	3)VAN OVERVELD, Cornelius, W., A., M.
Filing Date	:NA	4)BORBA RAMIRES FERNANDES, António, J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method, apparatus and computer program product for providing contour information related to images. An image obtaining unit obtains a set of interrelated images (step 26), an image segmenting unit segments said images, (step 28) and a contour determining unit (22) extracts at least two contours from the segmentation (step 30), selects interest points on the contours of each image (step 32), associates interest points with corresponding reconstructed points by means of three-dimensional reconstruction (step 34), projects reconstructed points into the images (step 36), and links reconstructed points not projected at a junction or their projections to each other in order to provide a first set of links (step 38), such that at least a reasonable part of a contour of an object can be determined based on the linked reconstructed points.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2594/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A PROCESS FOR THE FABRICATION OF OPTICAL MICROSTRUCTURES

(51) International classification	:G02B3/00,G02B1/04,G03F7/00	(71)Name of Applicant :
(31) Priority Document No	:03104716.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052760	(72)Name of Inventor :
Filing Date	:10/12/2004	1)WIMBERGER-FRIEDL, Reinhold.
(87) International Publication No	:WO/2005/059655	2)DE BRUIN, Johan, G.
(61) Patent of Addition to Application	:NA	3)VERSTEGEN, Emile, J., K.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention relates to a process for the fabrication of a polymeric optical microstructure, being supported or not by a substrate, starting from a thermoplastic polymer, wherein a thermoplastic polymer is blended with an UV curable resin and a thermally stable photo-initiator, to obtain a blend having a lower viscosity than the viscosity of said polymer, said blend being molded and the molded blend being cured by means of UV radiation to obtain a polymeric optical microstructure. Such a process prevents the common problems, which arise with molding of conventional thermoplastic polymers and conventional UV curing when only one of the components of the blend is used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2595/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OPTIMISED SHIFT STRATEGY AS A FUNCTION OF STRIP WIDTH

(51) International classification	:B21B13/14,37/40
(31) Priority Document No	:103 59 402.7
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/012796
Filing Date	:11/11/2004
(87) International Publication No	:WO/2005/058517
(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)RITTER, Andreas

2)HOLZ, Rüdiger

(57) Abstract :

The invention relates to a method for the optimisation of shift strategies, as a function of the strip width, for best possible usage of the advantages of CVC/CVCplus technology in operation of strip-edge oriented shifts in 4-/6-roller stands, comprising a pair of working rollers and a pair of support rollers for a 4-roller stand and, in addition, a pair of intermediate rollers for a 6-roller stand, whereby at least the working rollers and the intermediate rollers cooperate with devices for axial shifting, characterised in that selection of the shift position (VP), for the shifting working/intermediate rollers, is made as a function of strip width. The working/intermediate rollers are then positioned in various positions (P), relative to the strip edge and, within differing strip width ranges (B), the shift position (VP) of each roller is given by an incremental linear progressive function.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2596/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS FOR THE PREPARATION OF A FINE CHEMICAL BY FERMENTATION

(51) International classification	:C12P
(31) Priority Document No	:PCT/IB2003/006464
(32) Priority Date	:18/12/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/IB2004/004463
Filing Date	:17/12/2004
(87) International Publication No	:WO/2005/121349
(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)ZELDER, Oskar

2)KLOPPROGGE, Corinna

3)SCHRODER, Hartwig

4)HAFNER, Stefan

5)KROGER, Burkhard

6)KIEFER, Patrick

7)HEINZLE, Elmar

8)WITTMANN, Christoph

(57) Abstract :

The present invention features methods of increasing the production of a fine chemical, e.g., lysine from a microorganism, e.g., Corynebacterium by way of deregulating an enzyme encoding gene, i. e., glycerol kinase. In a preferred embodiment, the invention provides methods of increasing the production of lysine in Corynebacterium glutamicum by way of increasing the expression of glycerol kinase activity. The invention also provides a novel process for the production of lysine by way of regulating carbon flux towards oxaloacetate (OAA). In a preferred embodiment, the invention provides methods for the production of lysine by way of utilizing fructose or sucrose as a carbon source.

(54) Title of the invention : 6-(2-HALOPHENYL) TRIAZOLOPYRIMIDINES, THEIR PREPARATION AND THEIR USE FOR CONTROLLING HARMFUL FUNGI, AND COMPOSITIONS COMPRISING THESE COMPOUNDS

(51) International classification :C07D487/04,A01N43/90
 (31) Priority Document No :10360047.7
 (32) Priority Date :18/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/014328
 Filing Date :16/12/2004
 (87) International Publication No :WO/2005/058907
 (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)TORMO I BLASCO, Jordi
2)BLETTNER, Carsten
3)MULLER, Bernd
4)GEWEHR, Markus
5)GRAMMENOS, Wassilios
6)GROTE, Thomas
7)RHEINHEIMER, Joachim
8)SCHAFER, Peter
9)SCHIEWECK, Frank
10)SCHWOGLER, Anja
11)WAGNER, Oliver
12)SCHERER, Maria
13)STRATHMANN, Siegfried
14)SCHOFEL, Ulrich
15)STIERL, Reinhard

(57) Abstract :

6-(2-Halophenyl)triazolopyrimidines, their preparation and their use for controlling harmful fungi, and compositions comprising these compounds Abstract
 Triazolopyrimidines of the formula I in which the substituents are as defined below: R1, R2 are hydrogen, alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, halocycloalkenyl, alkynyl, haloalkynyl or phenyl, naphthyl, or a five- or six-membered saturated, partially unsaturated or aromatic heterocycle which contains one to four heteroatoms from the group consisting of O, N and S, R1 and R2 together with the nitrogen atom to which they are attached may also form a five- or six-membered heterocyclyl or heteroaryl which is attached via N and may contain a further heteroatom from the group consisting of O, N and S as ring member and may be substituted as defined in the description; L1, L2 are hydrogen, cyano, haloalkyl, alkoxy, alkenyloxy or C(=O)A, where at least one group L1 or L2 is not hydrogen; A is hydrogen, hydroxy!, alkyl, alkoxy, haloalkoxy, C1-C8-alkylamino or dialkylamino; L3 is hydrogen, halogen, cyano, nitro, haloalkyl, alkoxy or alkoxycarbonyl; X is halogen, cyano, alkyl, haloalkyl, alkoxy or haloalkoxy; processes and intermediates for preparing these compounds, compositions comprising them and their use for controlling phytopathogenic harmful fungi.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2598/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : P EF-TU EXPRESSION UNITS

(51) International classification	:C12N	(71)Name of Applicant :
(31) Priority Document No	:103 59 594.5	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:18/12/2003	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/014266	1)KROGER, Burkhard
Filing Date	:15/12/2004	2)ZELDER, Oskar
(87) International Publication No	:WO/2005/059093	3)KLOPPROGGE, Corinna
(61) Patent of Addition to Application Number	:NA	4)SCHRODER, Hartwig
Filing Date	:NA	5)HAEFNER, Stefan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of nucleic acid sequences for regulating gene transcription and expression, said novel promoters and expression units, methods for modifying or inducing the gene transcription rate and/or expression rate, expression cassettes containing said expression units, genetically modified microorganisms having a modified or induced transcription rate and/or expression rate, and methods for producing biosynthetic products by cultivating said genetically modified microorganisms.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2599/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PSOD EXPRESSION UNITS

(51) International classification	:C12N15/77,9/02,1/21	(71)Name of Applicant :
(31) Priority Document No	:103 59 660.7	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:18/12/2003	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/014337	1)KROGER, Burkhard
Filing Date	:16/12/2004	2)ZELDER, Oskar
(87) International Publication No	:WO/2005/059144	3)KLOPPROGGE, Corinna
(61) Patent of Addition to Application Number	:NA	4)SCHRODER, Hartwig
Filing Date	:NA	5)HAEFNER, Stefan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of nucleic acid sequences for regulating gene transcription and expression, said novel promoters and expression units, methods for modifying or inducing the gene transcription rate and/or expression rate, expression cassettes containing said expression units, genetically modified microorganisms having a modified or induced transcription rate and/or expression rate, and methods for producing biosynthetic products by cultivating said genetically modified microorganisms.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.260/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SELF-DIVERTING FOAMED SYSTEM

(51) International classification :E21B 43/003

(31) Priority Document No :60/489,079

(32) Priority Date :22/07/2003

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

(86) International Application No :PCT/IB2003/006126

Filing Date :22/12/2003

(87) 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)SOFITECH N.V.

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(BE) Belgium

(72)Name of Inventor :

1)FRANCINI, Pia-Angela

2)CHAN, Keng

3)BRADY, Mark

4)FREDD, Christopher

(57) Abstract :

A method is given for diverting acids in matrix acidizing and acid fracturing. The acids are diverted with a diverting agent that is an energized or foamed acidic viscoelastic surfactant system that contains a viscoelastic surfactant that gels and increases in viscosity when the acid in the foamed acidic viscoelastic surfactant system is spent. The method provides a synergistic combination of the diverting capabilities of foams and the diverting capabilities of viscoelastic gel systems. The resistance to flow of the gelled foamed viscoelastic surfactant system is greater than expected from a foam or a viscoelastic gel system alone.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2600/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PGRO EXPRESSION UNITS

(51) International classification	:C12N15/77,C07K14/34	(71)Name of Applicant :
(31) Priority Document No	:103 59 595.3	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:18/12/2003	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/014263	1)KROGER, Burkhard
Filing Date	:15/12/2004	2)ZELDER, Oskar
(87) International Publication No	:WO/2005/059143	3)KLOPPROGGE, Corinna
(61) Patent of Addition to Application Number	:NA	4)SCHRODER, Hartwig
Filing Date	:NA	5)HAEFNER, Stefan
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to the use of nucleic acid sequences for regulating gene transcription and expression, said novel promoters and expression units, methods for modifying or inducing the gene transcription rate and/or expression rate, expression cassettes containing said expression units, genetically modified microorganisms having a modified or induced transcription rate and/or expression rate, and methods for producing biosynthetic products by cultivating said genetically modified microorganisms.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2601/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GENE VARIANTS CODING FOR PROTEINS OF THE METABOLIC PATHWAY OF FINE CHEMICALS

(51) International classification	:C07K14/195	(71)Name of Applicant :
(31) Priority Document No	:103 59 661.5	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:18/12/2003	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/014338	1)KLOPPROGGE, Corinna
Filing Date	:16/12/2004	2)ZELDER, Oskar
(87) International Publication No	:WO/2005/058945	3)KROGER, Burkhard
(61) Patent of Addition to Application Number	:NA	4)SCHRODER, Hartwig
Filing Date	:NA	5)RUFFER, Uwe
(62) Divisional to Application Number	:NA	6)GRAEF, Claudia Isabella
Filing Date	:NA	7)HABERHAUER, Gregor

(57) Abstract :

Gene variants coding for proteins of the metabolic pathway of fine chemicals Abstract The present invention relates to mutated nucleic acids and proteins of the metabolic pathway of fine chemicals, to processes for preparing genetically modified producer organisms, to processes for preparing fine chemicals by culturing said genetically modified organisms and to said genetically modified organisms themselves. Gene variants coding for proteins of the metabolic pathway of fine chemicals Abstract The present invention relates to mutated nucleic acids and proteins of the metabolic pathway of fine chemicals, to processes for preparing genetically modified producer organisms, to processes for preparing fine chemicals by culturing said genetically modified organisms and to said genetically modified organisms themselves.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2602/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUNGICIDAL MIXTURES BASED ON CARBAMATE DERIVATIVES AND INSECTICIDES

(51) International classification	:A01N47/24
(31) Priority Document No	:03029169.4
(32) Priority Date	:18/12/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/014277
Filing Date	:15/12/2004
(87) International Publication No	:WO/2005/058040
(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)Begliomini, Edson
2)Zambon, Sergio

(57) Abstract :

The present invention relates to mixtures components a) carbamate derivatives of the formula I in which the substituents and the index have the following meaning: T is CH or N n is 0, or 2 R is halogen, C1-C4-alkyl or C1-C4-haloalkyl, it being possible for the radicals R to be different when n is 2, and b) at least one compound of the formula II

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2603/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS FOR THE PREPARATION OF LYSINE BY FERMENTATION OF CORYNEBACTERIUM GLUTAMICUM

(51) International classification :C12N15/52
(31) Priority Document No :PCT/IB2003/006456
(32) Priority Date :18/12/2003
(33) Name of priority country :Switzerland
(86) International Application No :PCT/IB2004/004429
Filing Date :17/12/2004
(87) International Publication No :WO/2005/059139
(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)ZELDER, Oskar
2)KLOPPROGGE, Corinna
3)SCHRÖDER, Hartwig
4)HÄFNER, Stefan
5)KRÖGER, Burkhard
6)KIEFER, Patrick
7)HEINZLE, Elmar
8)WITTMANN, Christoph

(57) Abstract :

Abstract The present invention features methods of increasing the production of a fine chemical, e.g., lysine from a microorganism, e.g., Corynebacterium by way of deregulating an enzyme encoding gene, i.e., fructose- 1,6-bisphosphatase. In a preferred embodiment, the invention provides methods of increasing the production of lysine in Corynebacterium glutamicum by way of increasing the expression of fructose-1,6-bisphosphatase activity. The invention also provides a novel process for the production of lysine by way of regulating carbon flux towards oxaloacetate (OAA). In a preferred embodiment, the invention provides methods for the production of lysine by way of utilizing fructose or sucrose as a carbon source.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2604/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SELECTIVE INCORPORATION OF 5-HYROXYTRYPTOPHAN INTO PROTEINS IN MAMMALIAN CELLS

(51) International classification	:C12P21/06,C07K14/47,C12N9/00	(71)Name of Applicant :
(31) Priority Document No	:60/531,312	1)THE SCRIPPS RESEARCH INSTITUTE
(32) Priority Date	:18/12/2003	Address of Applicant : 10550 North Torrey Pines Road, La Jolla, CA
(33) Name of priority country	:U.S.A.	92037 U.S.A.
(86) International Application No	:PCT/US2004/042535	(72)Name of Inventor :
Filing Date	:16/12/2004	1)ZHANG, Zhiwen
(87) International Publication No	:WO/2006/001832	2)ALFONTA, Lital
(61) Patent of Addition to Application	:NA	3)SCHULTZ, Peter
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention provides methods and compositions for incorporation of an unnatural amino acid into a peptide using an orthogonal aminoacyl tRNA synthetase/tRNA pair. In particular, an orthogonal pair is provided to incorporate 5-hydroxy-L-tryptophan in a position encoded by an opal mutation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2605/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A SUPPORT STRUCTURE FOR A LOAD-BEARING DEVICE

(51) International classification	:G01N3/02
(31) Priority Document No	:10/741,476
(32) Priority Date	:18/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/039194
Filing Date	:22/11/2004
(87) International Publication No	:WO/2005/066606
(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)JOHNSON, Thomas, H.
2)HALL, Robert, J.

(57) Abstract :

A mechanism for reducing horizontal force in a load measurement is presented. The mechanism includes a structure having surfaces of nonuniform radii of curvature (e.g., oblate spheroid surfaces) at both ends. The ends of the structure contact a force-sensor coupling element and a base-coupling element, forming two interfaces. Each interface includes a contact area between a convex surface and a concave surface. When a horizontal force is applied, the contact area at each interface shifts, allowing the structure to tip from the vertically aligned position that it is in when no horizontal force is applied. Compared to conventional mechanisms, the structure of the invention has a lower effective height because interfaces between oblate spheroid surfaces allow a larger angle of deflection than flat interfaces. The oblate spheroid interfaces also allow deflection to occur with less wear and tear at the interfaces compared to the flat-interfaced structures.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2607/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS FOR THE PREPARATION OF A FINE CHEMICAL BY FERMENTATION

(51) International classification :C12P13/00
(31) Priority Document No :PCT/IB2003/006435
(32) Priority Date :18/12/2003
(33) Name of priority country :Switzerland
(86) International Application No :PCT/IB2004/004426
Filing Date :17/12/2004
(87) International Publication No :WO/2005/059154
(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)KROGER, Burkhard

6)KIEFER, Patrick

7)HEINZLE, Elmar

8)WITTMANN, Christoph

(57) Abstract :

The present invention features methods of increasing the production of a fine chemical, e.g., lysine from a microorganism, e.g., Corynebacterium by way of deregulating an enzyme encoding gene, i.e., lactate dehydrogenase. In a preferred embodiment, the invention provides methods of increasing the production of lysine in Corynebacterium glutamicum by way of the expression of lactate dehydrogenase activity. The invention also provides a novel process for the production of lysine by way of regulating carbon flux towards oxaloacetate (OAA). In a preferred embodiment, the invention provides methods for the production of lysine by way of utilizing fructose or sucrose as a carbon source.

(54) Title of the invention : COMBINED OPERATING MODES AND FRAME TYPES IN TANDEM COLD ROLLING MILLS

(51) International classification :B21B13/14,13/02
 (31) Priority Document No :103 59 838.3
 (32) Priority Date :19/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/013623
 Filing Date :01/12/2004
 (87) International Publication No :WO/2005/063417
 (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 : Eduard-Schloemann-Strasse 4, 40237 Dusseldorf
 Germany
 (72)**Name of Inventor :**
1)RITTER, Andreas
2)HOLZ, Rudiger
3)OEMKES, Horst

(57) Abstract :

The invention relates to a method for combining the operating modes of individual rolling frames in a tandem cold rolling mill comprising respective pairs of working rolls (10) and back-up rolls (12) in 4-roll frames and in addition a pair of intermediate rolls (11) in 6-roll frames, at least the working rolls (10) and the intermediate rolls (11) interacting with devices for axial displacement. Said method is characterised by a combination of the following technologies: use of CVC/CVCplus technology with CVC roll contours of a higher order, where each working/intermediate roll (10, 11) comprises a roll surface that is extended by the amount of the travel displacement; use of Pair Cross (PC) technology, whereby each working/intermediate roll (10, 11) can be pivoted parallel to the strip plane; use of strip-edge oriented displacement of the working/intermediate rolls (10, 11), each of the latter (10, 11) having a roll surface that is extended by the amount of the travel displacement, with a cylindrical or spherical section and said rolls being displaced symmetrically against one another relative to the neutral displacement position ($s_{ZW} = 0$ and $s_{AW} = 0$) in the centre of the frame (Y-Y) by an identical amount in the direction of their rotational axes (X-X). The method is also characterised in that the CVC/CVCplus technology, the strip-edge oriented displacement technology and optionally the PC technology can be achieved using a suitable plant concept with a single geometrically identical set of rolls.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2609/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SEDIMENT CONTROL

(51) International classification	:E02B 3/04
(31) Priority Document No	:10/742,076
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042092
Filing Date	:16/12/2004
(87) International Publication No	:WO/2005/060645
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MCGINN, John, H.
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2)SHERRATT, Richard
3)ERTEC ENVIRONMENTAL SYSTEMS LLC
(72)**Name of Inventor :**
1)MCGINN, John, H.

(57) Abstract :

A sediment control roll (SCR) includes a threshold member (1) having relatively large apertures therethrough, a hollow sediment collection chamber (SCC) (6), and an outflow filter (2) having relatively small apertures therethrough. The SCR preferably includes a location member (4) extending from the SCC. The SCR can be used to collect sediment in runoff from a construction site, or to reduce removal of sediment from an existing land mass. The SCR can for example be made by rolling up extruded polymeric netting with filter cloth attached thereto.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2610/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MACHINE FOR WORKING THE SOIL AND DEFLECTOR DEVICE ADAPTED TO BE USED ON SUCH MACHINE

(51) International classification	:A01B21/08
(31) Priority Document No	:0400458
(32) Priority Date	:19/01/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/000098
Filing Date	:17/01/2005
(87) International Publication No	:WO/2005/077139
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)EVIN, Michel
Address of Applicant : Beauce, F-44850 Ligne France
(72)**Name of Inventor :**
1)EVIN, Michel

(57) Abstract :

The invention relates to a machine for working the soil, in particular a precision disc harrow, of the type comprising a chassis (1) provided with plowing tools in the form of at least one, preferably two, successive series of undriven discs (2, 3) and at least one deflector device (4) shaped to break the flow of dirt projected by the discs (2) of one of the series of discs (2, 3) and to ensure leveling of the ground. This machine is characterized in that the deflector device (4) is, in its working portion, corresponding to the zone struck by a flow of dirt, constituted by a plurality of plates (5) adapted to oscillate to facilitate dislodgement of the dirt from said plates, these plates (5) being disposed side by side in the direction of the width of the machine and dimensioned to cover at least 45% of the total working width of said machine.

(54) Title of the invention : AUXILIARY CONTACT CONFIGURATION FOR SWITCHING DEVICE

(51) International classification	:H01H71/46,3/20,9/00	(71) Name of Applicant :
(31) Priority Document No	:20040066	1)ABB OY
(32) Priority Date	:19/01/2004	Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland
(33) Name of priority country	:Finland	(72) Name of Inventor :
(86) International Application No	:PCT/FI2005/000029	1)KOLMONEN, Rainer
Filing Date	:18/01/2005	2)MATTLAR, Harri
(87) International Publication No	:WO/2005/069334	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An auxiliary contact configuration for a switching device, the switching device comprising a frame part (2) and the auxiliary contact configuration comprising a first auxiliary contact position (5) provided in the frame part (2) and arranged to receive an auxiliary contact (8), and a movable auxiliary contact control device (10) comprising a first control element (11) arranged to control the auxiliary contact (8) installed in the first position (5). The auxiliary contact configuration comprises a second auxiliary contact position (6) provided near the first auxiliary contact position (5), and the auxiliary contact control device (10) comprises a second control element (12) arranged to control the auxiliary contact (8) installed in the second position (6) in a manner different from the manner in which the first control element (11) is arranged to control the auxiliary contact (8) installed in the first position (5).

(54) Title of the invention : SWITCHING DEVICE MODULE

(51) International classification :H01H71/02

(31) Priority Document No :20040071

(32) Priority Date :19/01/2004

(33) Name of priority country :Finland

(86) International Application No :PCT/FI2005/000026

Filing Date :18/01/2005

(87) International Publication No :WO/2005/069333

(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)MATTILAR, Harri**2)KOLMONEN, Rainer****3)SALO, Juho****4)PIKKALA, Osmo****5)SUUTARINEN, Aki****6)ALANEN, Jarkko****7)TUONONEN, Martti**

(57) Abstract :

A switching device module comprising a frame (2), the switching device module being adapted to be connected to another switching device module for providing a modular switching device. The frame (2) of the switching device module is provided with one or more wire troughs (8), each of which is adapted to receive at least one wire of an auxiliary circuit of said modular switching device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2613/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FASTENING ARRANGEMENT

(51) International classification	:F16B1/00
(31) Priority Document No	:U20040016
(32) Priority Date	:19/01/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000027
Filing Date	:18/01/2005
(87) International Publication No	:WO/2005/068851
(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)MATTLAR, Harri

2)KOLMONEN, Rainer

3)SALO, Juho

4)PIKKALA, Osmo

5)SUUTARINEN, Aki

6)ALANEN, Jarkko

7)KAJAN, Risto

(57) Abstract :

The invention relates to a fastening arrangement for fastening a switching device to a mounting tray, the fastening arrangement comprising a fastening point (12) formed in the switching device or the like, and a lug (10) to be fastened to the fastening point (12). The fastening point comprises at least three recesses (16) to receive the protrusion (24) in the lug (10) in such a way that the lug (10) is optionally lockable, when being fastened to the switching device, to different positions defined by the recesses (16), one of the positions being a substantially vertical position, another being a substantially horizontal position, and the rest being positions at an angle between these positions.

(54) Title of the invention : CONTROL DEVICE OPTIMIZING COMPUTING INPUT SAMPLE OF DATA WITH DISCRETE FOURIER TRANSFORM ALGORITHM

(51) International classification	:G05B13/02,G06F17/14
(31) Priority Document No	:20040100
(32) Priority Date	:23/01/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000046
Filing Date	:21/01/2005
(87) International Publication No	:WO/2005/071503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABB OY
Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland
(72)**Name of Inventor :**
1)LONN, Markus

(57) Abstract :

An automatic control device (1) that comprises input means (21, 24) for inputting measured values (7) of cyclic voltage and/or current; computing means (21) for computing a parameter based on said values of voltage and/or current, and for comparing the computed parameter against a predefined condition; and initiating means (21, 23) for initiating a control function in response to the parameter meeting the predefined condition. The input means (21, 24) of the control device are arranged to input a predefined number of samples per one cycle; and said computing means (21) are arranged to compute the parameter with a discrete Fourier transform algorithm optimized based on fixed coefficients related to said predefined number of samples per cycle. The control device and the corresponding control method provide a significantly faster response time than the earlier general programmed solutions without increasing the related costs as much as the conventional digital signal processors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2615/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ARRANGEMENT FOR SECURING SWITCH CONTROL SHAFT TO SWITCH PIPE SHAFT

(51) International classification :E05B3/04,H01H3/06,3/10,H02G3/08,F16B2/06
(31) Priority Document No :20040137
(32) Priority Date :30/01/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/000060
Filing Date :28/01/2005
(87) International Publication No :WO/2005/073488
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ABB OY
Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland
(72)**Name of Inventor :**
1)MATTLAR, Harri
2)KOLMONEN, Rainer
3)ALANEN, Jarkko

(57) Abstract :

The invention relates to an arrangement for attaching a switch (2) control shaft (1) to a switch (2) pipe shaft (3), where the control shaft (1) is mounted partly in the switch (2) pipe shaft (3) and tightened to the switch (2) pipe shaft (3) by a screw (4). The arrangement comprises a tightening piece (6). The screw (4) is arranged to act on the control shaft (1) through the tightening piece (6) so that when the screw (4) is turned, the tightening piece (6) is arranged to press the control shaft (1) against the pipe shaft (3) so that the control shaft (1) tightens fast between the tightening piece (6) and the pipe shaft (3).

(54) Title of the invention : MODULAR SWITCHING DEVICE

(51) International classification :H01H9/00,19/60
(31) Priority Document No :20040065
(32) Priority Date :19/01/2004
(33) Name of priority country :Finland
(86) International Application No :PCT/FI2005/000032
Filing Date :18/01/2005
(87) International Publication No :WO/2005/069324
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)ABB OY

Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland

(72)Name of Inventor :

1)MATTLAR, Harri**2)KOLMONEN, Rainer****3)SALO, Juho****4)PIKKALA, Osmo****5)SUUTARINEN, Aki****6)ALANEN, Jarkko****7)TUONONEN, Martti**

(57) Abstract :

A modular switching device comprising a plurality of interconnected modules (2, 3), said modules comprising a control device module (2) and a pole cell module (3), said modules (2, 3) of the switching device being interconnected with a shaft adapted to transfer a torque required for operating the switching device from one module (2) to another module (3). The modular switching device of the invention is characterized in that each module (2, 3) comprises a shaft element (6), and in that said shaft transferring the torque is composed of directly interconnected shaft elements (6).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2617/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SWITCHING DEVICE

(51) International classification	:H01H33/575
(31) Priority Document No	:20040068
(32) Priority Date	:19/01/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000028
Filing Date	:18/01/2005
(87) International Publication No	:WO/2005/069328
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABB OY
Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland

(72)**Name of Inventor :**
1)PIKKALA, Osmo
2)MATTLAR, Harri

(57) Abstract :

A switching device comprising a frame (2), a first connector (4) and a second connector (6), the first connector (4) and the second connector (6) extending from inside the frame (2) outside the frame (2), means (8) for connecting the first (4) and the second (6) connector electrically to one another, and one or more gas flow openings (10, 11) provided in the frame (2) and arranged for a gas flow produced by a switching event. In its portion remaining inside the frame (2), the first connector (4) comprises a hole (12) provided for said gas flow.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2618/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SWITCHING DEVICE

(51) International classification	:H01H9/00,19/60
(31) Priority Document No	:20040067
(32) Priority Date	:19/01/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000031
Filing Date	:18/01/2005
(87) International Publication No	:WO/2005/069323
(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 : Strombergintie 1, FI-00380 Helsinki Finland

(72)**Name of Inventor :**
1)KOLMONEN, Rainer
2)SUUTARINEN, Aki
3)ALANEN, Jarkko
4)MATTLAR, Harri

(57) Abstract :

A switching device comprising a working shaft (3) and a control shaft (4) in-stalled in a frame part (2), the control shaft being rotatable and adapted to turn the working shaft, and the working shaft (3) being adapted to change the position of poles of the switching device. One (4) of said two shafts (3, 4) passes through the other (3).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2619/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SWITCHING DEVICE PROVIDED WITH NEUTRAL CONDUCTOR

(51) International classification	:H01H71/00,3/54
(31) Priority Document No	:20040072
(32) Priority Date	:19/01/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000030
Filing Date	:18/01/2005
(87) International Publication No	:WO/2005/069332
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABB OY
Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland

(72)**Name of Inventor :**
1)MATTLAR, Harri
2)KOLMONEN, Rainer
3)SUUTARINEN, Aki

(57) Abstract :

A switching device provided with a neutral conductor and arranged for opening and closing an electric circuit, the switching device comprising a frame (2), through which the electric circuit's neutral conductor (4) having a first end (6) and a second end (8) passes. The neutral conductor (4) comprises a movable middle portion (10) that is arranged for breaking the neutral conductor (4) inside the frame (2), the movable middle portion (10) being movable with respect to the first (6) and the second (8) end of the neutral conductor (4) and located between them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2620/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INTEGRATED CIRCUIT WITH DEBUG SUPPORT INTERFACE

(51) International classification	:G01R31/28
(31) Priority Document No	:0329516.9
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2004/005014
Filing Date	:29/11/2004
(87) International Publication No	:WO/2005/059578
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UNIVERSITY OF KENT
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(72)**Name of Inventor :**
1)MCDONALD-MAIER, Klaus, Dieter
2)HOPKINS, Andrew, Brian, Thomas

(57) Abstract :

A high speed debug support interface has circuits to interface on-chip debug support circuits to a high bandwidth communications port means located on the surface of a system integrated circuit (101) and to on-chip debug support circuits (100). The communication port means can be realised by bonding or integrating special sender and or receiver cells preferably optical sender cells (103) and or optical receiver cells (110) onto the surface of the system integrated circuit (101). The high speed debug support interface communicates. with on-chip or in-assembly debug support circuits and an external development tool (108) to permit hardware and software related debugging and development activities, including program tracing, data tracing and memory substitution. The high speed debug support interface has circuits to interface on-chip debug support circuits to system resources such as memory located within. the device assembly (102) and connected by the system interconnect.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2621/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELECTRIC TOY VEHICLE WITH IMPROVED GRIP

(51) International classification	:A63H17/267,29/00
(31) Priority Document No	:MI2003A 002577
(32) Priority Date	:23/12/2003
(33) Name of priority country	:Italy
(86) International Application No	:PCT/EP2004/014734
Filing Date	:21/12/2004
(87) International Publication No	:WO/2005/063349
(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 : Kyriakou Matsi, 3, Roussos Limassol Tower, 5th Floor, Flat/Office 5A, Limassol, Cyprus Cyprus
(72)**Name of Inventor :**
1)ALLETE COMMERCIAL LIMITED

(57) Abstract :

An electric toy vehicle is described, said vehicle comprising: an electric motor (1), a speed reducer (3), a power supply battery (2) for powering said electric motor and moving the vehicle, and at least two wheels (4, 5), at least one of which is the driving wheel, at least one of the wheels having a coefficient of friction greater than about 0.35. Conveniently, the wheels of the vehicle comprise a rubber carcass with at least two cross plies of nylon threads. Conveniently, the vehicle also comprises an electronic control system for performing a plurality of functions including that of regulating the power supply voltage to the motor, regulating the acceleration independently of the load transported; regulating the deceleration independently of the load transported; managing the motor brake; controlling the direct-current flow, preventing peak currents affecting the motor, disabling the functions of the vehicle at predefined overload values; limiting complete discharging of the battery and indicating the charging state of the battery.

(54) Title of the invention : OBJECTIVE LENS

(51) International classification	:G11B7/135	(71)Name of Applicant :
(31) Priority Document No	:04100138.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000113	(72)Name of Inventor :
Filing Date	:11/01/2005	1)HENDRIKS, Bernardus.,
(87) International Publication No	:WO/2005/078712	2)KUIJPER, Maarten
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns an objective lens for use with a dual layer optical information carrier. Such a carrier as used in Blu-ray Disks (BD) has a first information layer at a depth D1 below a top surface of the carrier and a second information layer at a depth D2, greater than depth D1. In accordance with the invention the objective lens is designed to produce substantially equal amounts of higher order spherical wavefront aberration when scanning the first and second information layers by providing minimum spherical aberration for scanning at a depth Dopt which is located between an average layer depth Dav = ((D1+D2)/2) and a depth (D1+Dav)/2. More specifically, the optimum depth Dopt is typically smaller than 0.995 Dav and most preferably less than 0.99 Dav.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2623/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM FOR AUDIO SIGNAL PROCESSING

(51) International classification

:H03G5/00

(31) Priority Document No

:04100148.8

(32) Priority Date

:19/01/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/IB2005/050096

Filing Date

:10/01/2005

(87) International Publication No

:WO/2005/071830

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)TOURWE, Bruno, K., R.

(57) Abstract :

A sound reproduction system comprising a digital audio signal input (1), a digital audio signal processor (2, DSP) and a digital audio signal output (3) wherein the digital signal processor (2, DSP) comprises a high pass (HP) filter (21) with a high pass frequency (f), an amplifier (22) for a signal filtered by the HP filter, and a low pass (LP) filter (23) with a low pass frequency (f) for filtering the signal after amplification by the amplifier (22) and for providing an output signal, and the digital processor comprises an establisher (24, 25) for establishing the high pass frequency or the low pass frequency and a matcher (26) for matching the high pass frequency and low pass frequency of the high pass filter and low pass filter respectively to each other.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2624/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OPTICAL DEVICE WITH WAVEFRONT MODIFIER

(51) International classification	:G11B7/135,G02B27/00,H01L41/09	(71) Name of Applicant :
(31) Priority Document No	:04300025.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000039	(72) Name of Inventor :
Filing Date	:05/01/2005	1)GOOSSENS, Hendrik
(87) International Publication No	:WO/2005/078713	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical device comprises a wavefront modifier for introducing a wavefront modification in a radiation beam. The wavefront modifier comprises a first optical element (110) and a second optical element (111). The two optical elements are arranged in such a way that a suitable alternative movement of the first optical element leads to a translation of the second optical element by means of a stick-slip effect. This allows obtaining the desired mutual displacement between the two optical elements.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2625/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PLAYBACK DEVICE FOR INFORMATION DATA SETS

(51) International classification	:G11B27/10,27/32,G10L19/00	(71) Name of Applicant :
(31) Priority Document No	:04100150.4	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:19/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050115	(72) Name of Inventor :
Filing Date	:11/01/2005	1)LOTZ, Andreas.,
(87) International Publication No	:WO/2005/071684	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A playback device for information data sets with a microphone, a memory arrangement, and a control unit. The audio markers are recorded with the microphone. The memory arrangement stores the audio markers in association with the respective information data sets. Furthermore, a control unit is coupled to the memory arrangement and to the microphone. In the method of operating the playback device for information data sets, the recognition of an information data set without an associated audio marker triggers the recording of an audio marker, and the newly recorded audio marker is stored in association with the relevant information data set.

(54) Title of the invention : A SYSTEM AND A METHOD FOR ANALYSING ECG CURVATURE FOR LONG QT SYNDROME AND DRUG INFLUENCE

(51) International classification	:A61B5/0402	(71)Name of Applicant :
(31) Priority Document No	:03029363.3	1)AALBORG UNIVERSITET
(32) Priority Date	:19/12/2003	Address of Applicant : Fredrik Bajers Vej 5, DK-9220 Aalborg Denmark
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/DK2004/000722	1)HARDAHL, Thomas, Bork
Filing Date	:20/10/2004	2)GRAFF, Claus
(87) International Publication No	:WO/2005/058156	3)ANDERSEN, Mads, Peter
(61) Patent of Addition to Application Number	:NA	4)TOFT, Egon
Filing Date	:NA	5)STRUIJK, Johannes, Jan
(62) Divisional to Application Number	:NA	6)KANTERS, Jorgen, Kim
Filing Date	:NA	

(57) Abstract :

The present invention relates to a system or a method for analysing drug influence on ECG curvature and Long QT Syndrome where at least one among a number of different parameters is isolated, which system has a input means connected to an ECG source, where the different parameters of a received ECG curvature and indicated and/or isolated and for indicating possible symptoms which relates to or are indications of certain diseases, where said diseases are known to influence the ECG curvature. The aim of the invention is to achieve a system and a method for diagnosing Long QT Syndrome in an objective, fast and effective way by indication of a number of symptoms derivable from an ECG curve. Further aim of the invention is to achieve an effective test of drug influence on ECG curvature. This can be achieved with the system previously described if a first number of selected parameters is combined in at least a first mathematical analysis, where the result of the analysis can be represented as a point in a coordinate system comprising at least one axis where the system can compare the actual placement in the coordinate system with a number of reference parameters stored in the system for indicating symptoms or diseases having influence on the ECG curvature, where the system analyses the QT curvature of the ECG curvature for indicating Long QT syndrome. Hereby, it is achieved that any symptom of hereditary or acquired Long QT Syndrome having an indication (influence) in the ECG curvature can be detected in an objective, automated and very fast way.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2627/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUTONOMIC REASSOCIATION OF CLIENT IN A WIRELESS LOCAL AREA NETWORK

(51) International classification	:H04Q7/30,H04L12/28,H04Q7/34	(71)Name of Applicant :	
(31) Priority Document No	:10/742,422	1)INTERNATIONAL BUSINESS MACHINES CORPORATION	
(32) Priority Date	:19/12/2003	Address of Applicant : Armonk, New York 10504 U.S.A.	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:PCT/EP2004/052151	1)LOCKER, Howard jeffrey	
Filing Date	:13/09/2004	2)JAKES, Philip John	
(87) International Publication No	:WO/2005/060286	3)CROMER, Daryl Carvis	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

(57) Abstract :

A wireless network access point is described which provides the resources of a backbone network to wireless clients. The access point is able to detect a degraded condition on the backbone network. Upon detecting the degraded condition, the access point transmits or broadcasts a reassociation request to one or more clients associated with the access point. In addition, the rate at which new associations are made is halted or reduced during the degraded backbone condition. In one embodiment, the association rate is reduced by increasing the interval between beacons transmitted by the access point which identify the access to the backbone network.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2628/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CELL MAINTENANCE DEVICE FOR FUEL CELL STACKS

(51) International classification	:H02J7/00
(31) Priority Document No	:10/740,740
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/038739
Filing Date	:17/11/2004
(87) International Publication No	:WO/2005/065088
(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 : 6001 Bollinger Canyon Road, 3rd Floor, San Ramon, CA 94583 U.S.A.
(72)**Name of Inventor :**
1)BAKER, Howard, S.

(57) Abstract :

A method and apparatus for maintaining the cells of a fuel cell stack are disclosed. The apparatus includes a fuel cell maintenance device including means for imposing a low impedance across at least one cell of a fuel cell stack, e.g., a switch, and a pulse generator. The pulse generator is capable of pulsing a cathode of the at least one cell of through the low impedance imposing means, e.g., when the switch is closed. The method transparently maintains the cells of a fuel cell stack, and includes sequentially pulsing the cathodes of a plurality of cells in a fuel cell stack, and maintaining a consistent number of the cells providing power to a load of the fuel cell stack while sequentially pulsing the cathodes of the cell.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2629/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INDOLYLMALEIMDE DERIVATIVES AS PKC INHIBITORS

(51) International classification :C07D403/04,401/14
(31) Priority Document No :0401089.8
(32) Priority Date :19/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/000502
Filing Date :19/01/2005
(87) International Publication No :WO/2005/068455
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland
(72)**Name of Inventor :**
1)VAN EIS, Maurice
2)VON MATT, Peter
3)WAGNER, Jorgen
4)EVENOU, Jean-Pierre
5)SCHULER, Walter

(57) Abstract :

This invention relates to PKC inhibitors which are able to selectively inhibit e.g. the and optionally 0, isoforms of PKC, and their use in particular in transplantation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2630/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR THE (CO)POLYMERIZATION OF ETHYLENE

(51) International classification	:C08F10/02,2/00,4/654,2/34	(71)Name of Applicant :
(31) Priority Document No	:03104854.9	1)BASELL POLYOLEFINE GMBH
(32) Priority Date	:19/12/2003	Address of Applicant : Bruhler Strasse 60, 50389 Wesseling Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/013372	1)BAITA, Pietro
Filing Date	:24/11/2004	2)MEI, Gabriele
(87) International Publication No	:WO/2005/058982	3)MORINI, Giampiero
(61) Patent of Addition to Application Number	:NA	4)PATER, Joachim, T., M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for preparing a broad molecular weight polyethylene carried out in the presence of a catalyst system comprising (i) a solid catalyst component comprising Mg, Ti, halogen, and optionally an internal electron donor compound, and (ii) an Al-alkyl cocatalyst said process comprising at least two step of polymerization (a) and (b), in which, - in a first step (a) ethylene is polymerized in the presence of a molecular weight regulator in order to produce a ethylene (co)polymer, and in a further step (b), which is carried out in the presence of an external electron donor compound added to this polymerization step as a fresh reactant, ethylene is copolymerized with an alpha olefin of formula $\text{CH}_2=\text{CHR}$, in which R is a C1-C20 hydrocarbon group, to produce an ethylene copolymer having a molecular weight higher than that of the copolymer produced in step (b).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2631/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR HEADER COMPRESSION

(51) International classification	:G06F15/16
(31) Priority Document No	:10/739,066
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004098
Filing Date	:13/12/2004
(87) International Publication No	:WO/2005/060339
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOKIA CORPORATION
Address of Applicant : Keilalahdentie 4, FI-02150 Espoo Finland

(72)**Name of Inventor :**
1)WALSH, Rod
2)LUOMA, Juha-Pekka
3)SAARANEN, Anne

(57) Abstract :

A compression context for a plurality of packets is established with a receiving device. Each of these packets is associated with one or more reliable multicast protocols, such as the Layered Coding Transform (LCT) protocol, the Asynchronous Layered Coding (ALC) protocol, the FLUTE protocol, the MUPPET protocol, and the NACK-Oriented Reliable Multicast (NORM) protocol. Upon establishment of the compression context, a compressed packet is generated for one of the plurality of packets and transmitted to the receiving device. The compressed packet has a reduced number of bits in its header. Upon receipt, the receiving device decompresses the compressed packet based on the compression context.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2632/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INDOLYLMALEIMIDE DERIVATIVES

(51) International classification	:C07D403/04
(31) Priority Document No	:0401089.8
(32) Priority Date	:19/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/000501
Filing Date	:19/01/2005
(87) International Publication No	:WO/2005/068454
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)**Name of Inventor :**
1)VAN EIS, Maurice
2)VON MATT, Peter
3)WAGNER, Jorgen
4)EVENOU, Jean-Pierre

(57) Abstract :

A compound of formula I wherein R, Re, Rb, Rc, Rd and Re are as defined in the, specification, processes for their production, their uses, in particular in transplantation, and pharmaceutical compositions containing them.

(54) Title of the invention : 6-(AMINOCARBONYLPHENYL) TRIAZOLOPYRIMIDINES, PROCESS FOR THEIR PREPARATION AND THEIR USE FOR CONTROLLING HARMFUL FUNGI, AND COMPOSITIONS COMPRISING THESE COMPOUNDS

(51) International classification :C07D487/04,A01N43/90
 (31) Priority Document No :10360392.1
 (32) Priority Date :19/12/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/014393
 Filing Date :17/12/2004
 (87) International Publication No :WO/2005/061502
 (61) 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 Aktiengesellschaft
 Address of Applicant : D-67056 Ludwigshafen Germany
 (72)**Name of Inventor :**
1)TORMO I BLASCO, Jordi
2)BLETTNER, Carsten
3)MULLER, Bernd
4)GEWEHR, Markus
5)GRAMMENOS, Wassilios
6)GROTE, Thomas
7)RHEINHEIMER, Joachim
8)SCHAFER, Peter
9)SCHIEWECK, Frank
10)SCHWOGLER, Anja
11)WAGNER, Oliver
12)SCHERER, Maria
13)STRATHMANN, Siegfried
14)SCHOFEL, Ulrich
15)STIERL, Reinhard

(57) Abstract :

Triazolopyrimidines of the formula I in which the substituents are as defined below: R1, R2 are hydrogen, alkyl, haloalkyl, cycloalkyl, halocycloalkyl, alkenyl, haloalkenyl, cycloalkenyl, halocycloalkenyl, alkynyl, haloalkynyl or phenyl, naphthyl or a five- or six-membered saturated, partially unsaturated or aromatic heterocycle which contains one to four heteroatoms from the group consisting of O, N and S, R1 and R2 together with the nitrogen atom to which they are attached may also form a five- or six-membered heterocyclyl or heteroaryl which is attached via N and may contain a further heteroatom from the group consisting of O, N and S as ring member and may be substituted as defined in the description; L is halogen, cyano, alkyl, haloalkyl, alkoxy, alkenyloxy or alkoxycarbonyl; m is 1, 2, 3 or 4, where the groups L may be different if m is greater than 1; X is halogen, cyano, alkyl, haloalkyl, alkoxy or haloalkoxy; Processes and intermediates for preparing these compounds, compositions comprising them and their use for controlling phytopathogenic harmful fungi

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2634/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS AND APPLICATIONS FOR AVOIDING SLOW-START RESTART IN TRANSMISSION CONTROL
PROTOCOL NETWORK COMMUNICATIONS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:H04L12/56,29/06,1/18 :10/741,965 :19/12/2003 :U.S.A. :PCT/IB2004/004172 :13/12/2004 :WO/2005/062548 :NA :NA :NA :NA	(71) Name of Applicant : 1)NOKIA CORPORATION Address of Applicant : Keilalahdentie 4, FIN-02150 ESPOO Finland (72) Name of Inventor : 1)AHUJA, Sadhna 2)WU, Tao 3)DIXIT, Sudhir

(57) Abstract :

A novel approach is provided for avoiding the "slow-start restart" in TCP communications when network conditions dictate such. The disclosed approach serves to overcome the latency related to the "slow-start restart" by assessing network conditions and avoiding the "slow-start restart" when network conditions justify the avoidance. The disclosed methods, applications and devices implement the periodic communication of a probe packet that is generated and transmitted from a TCP sender to a TCP receiver during the period that the TCP network connection remains idle. Receipt of the probe packet by the TCP receiver will trigger transmission of an acknowledgment message by the TCP receiver. Upon receipt of the acknowledgement message the TCP sender will restart measurement of the idleness period and, as such the "slow-start restart" is avoided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2635/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HETEROAROYL-SUBSTITUTED PHENYLALANINE AMIDES

(51) International classification :C07D231/14,333/38,307/68,277/56,213/81
(31) Priority Document No :103 60 463.4
(32) Priority Date :19/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/014391
Filing Date :17/12/2004
(87) International Publication No :WO/2005/061464
(61) 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 AKTIENGESELLSCHAFT
Address of Applicant : D-67056 Ludwigshafen Germany
(72)Name of Inventor :
1)WITSCHER, Matthias
2)PUHL, Michael
3)RACK, Michael
4)PARRA RAPADO, Liliana
5)MISSLITZ, Ulf
6)ZAGAR, Cyrill
7)PLATH, Peter
8)REINHARD, Robert
9)SIEVERNICH, Bernd
10)LIEBL, Rex

(57) Abstract :

Pyrazolylcarbonyl-substituted phenylalanineamides of the formula I in which the variables A and R1 to R10 are as defined in the description, and their agriculturally useful salts, processes and intermediates for their preparation; and the use of these compound s or " compositions comprising these compounds for controlling unwanted plants are described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2636/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL BENZOFURAN DERIVATIVES, WHICH CAN BE USED IN PROPHYLAXIS OR TREATMENT OF 5-HT6 RECEPTOR-RELATED DISORDER

(51) International classification	:C07D307/82,405/04,A61K31/343,31/435	(71) Name of Applicant :	
(31) Priority Document No	:0303480-8	1)BIOVITRUM AB	
(32) Priority Date	:19/12/2003	Address of Applicant : Lars Hoglund, S-112 76 STOCKHOLM Sweden	
(33) Name of priority country	:Sweden	(72) Name of Inventor :	
(86) International Application No	:PCT/SE2004/001949	1)JOHANSSON, Gary	
Filing Date	:20/12/2004	2)BRANDT, Peter	
(87) International Publication No	:WO/2005/058858	3)NILSSON, Bjorn M	
(61) Patent of Addition to	:NA		
Application Number	:NA		
Filing Date			
(62) Divisional to Application	:NA		
Number	:NA		
Filing Date			

(57) Abstract :

The present invention relates to compounds of formula (I): wherein P, R3, W1, and W2 are as described herein, to pharmaceutical compositions comprising the compounds, to processes for their preparation, as well as to the use of the compounds for the preparation of a medicament against 5-HT6 receptor-related disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2637/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BENZOYL-SUBSTITUTED PHENYLALANINEAMIDES

(51) International classification :C07C237/42,271/10,271/26,275/24,275/28
(31) Priority Document No :10360395.6
(32) Priority Date :19/12/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/014392
Filing Date :17/12/2004
(87) International Publication No :WO/2005/061443
(61) 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 AKTIENGESELLSCHAFT

Address of Applicant : D-67056 Ludwigshafen Germany

(72)Name of Inventor :

1)WITSCHER, Matthias

2)PUHL, Michael

3)HAMPRECHT, Gerhard

4)PARRA RAPADO, Liliana

5)MISSLITZ, Ulf

6)ZAGAR, Cyrill

7)PLATH, Peter

8)REINHARD, Robert

9)SIEVERNICH, Bernd

10)LIEBL, Rex

(57) Abstract :

The invention relates to benzoyl-substituted phenylalanine amides of formula (I), wherein the variables R1 to R15 have the meanings indicated in the description, the agriculturally useful salts thereof, methods and intermediate products for the production thereof, as well as the use of said compounds or substances containing said compounds for controlling undesired plants.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2638/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AIR CONDITIONING SYSTEM FOR A VEHICLE

(51) International classification	:B60H1/00,1/32,
(31) Priority Document No	:10 2004 002 715.3
(32) Priority Date	:19/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2005/000043
Filing Date	:14/01/2005
(87) International Publication No	:WO/2005/068229
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)WEBASTO AG

Address of Applicant : Kraillinger Strasse 5, 82131 Stockdorf Germany

(72)Name of Inventor :

1)KRAMER, Wolfgang

2)KHELIFA, Nouredine

3)HORN, Oliver

(57) Abstract :

The invention relates to an air conditioning system for a motor vehicle comprising a coolant circuit (1) that contains an electrically driven compressor (2), a condenser (4), an expansion valve (10) and a latent cold accumulator (12). Heat is removed from the latent cold accumulator (12) by means of the cooling circuit (1); this is referred to as the charging of the latent cold accumulator (12). The system is also equipped with means for cooling air, which are configured in such a way that heat is removed from said air and supplied to the latent cold accumulator (12). Thus the cost-effective, efficient air conditioning system can be used, in particular, when the vehicle is stationary.

(54) Title of the invention : BICYCLE REAR DERAILLEUR

(51) International classification	:F16H 63/00	(71)Name of Applicant : 1)SHIMANO INC.
(31) Priority Document No	:11/183,846	Address of Applicant : 3-77 Oimatsu-cho, Sakai-ku, Sakai City, Osaka
(32) Priority Date	:19/07/2005	590-8577. Japan
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:NA	1)SHAHANA, SATOSHI
Filing Date	:NA	2)YAMAGUCHI, SOUTA
(87) International Publication 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 bicycle rear derailleur includes a base portion, a coupling mechanism, a moveable member, a pivot shaft, a tension plate, a biasing spring and a guide plate. The base portion attaches to a bicycle frame. The coupling mechanism has first and second ends. The first end is coupled to the base portion and the second end is movable relative to the base portion. The moveable member is coupled to the second end and the pivot shaft is coupled to the moveable member. The tension plate is pivotally coupled to the moveable member by the pivot shaft and supports a chain tensioning pulley. The biasing spring is operatively coupled to the moveable member and the tension plate for biasing the tension plate in a chain tensioning direction. The guide plate is pivotally coupled to the pivot shaft in a non-biased manner and supports a chain guiding pulley.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.264/MAS/1999 A

(19) INDIA

(22) Date of filing of Application :04/03/1999

(43) Publication Date : 08/06/2007

(54) Title of the invention : AN EXTRUSION HEAD

(51) International classification	:B29C 47/08	(71)Name of Applicant : 1)MAUSER-WERKE GMBH
(31) Priority Document No	:298 03 780.7	Address of Applicant :SCHILDGESSTRASSE 71-163,50321 BRUHL Germany
(32) Priority Date	:05/03/1998	(72)Name of Inventor :
(33) Name of priority country	:Germany	1)DIETMAR PRZYTULLA
(86) International Application No	:NA	2)PETER LANGOS
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An extrusion head for producing a tubular parison for the manufacture of blow-molded plastic hollow bodies, including an adjustable ring-shaped tube outlet nozzle with annular nozzle/mandrel gap adjustment elements which permit a targeted adjustment of the nozzle gap for varying the wall thickness of the exiting parison, characterized in that at least three separate nozzle/mandrel gap adjustment elements (D 0 = mandrel, DSI DS II, DS III) which are separately controlled, differently profiled, and adjustable, and which individually or/and simultaneously can be brought into active engagement in the nozzle gap with the exiting parison from inside and outside.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2640/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : JOB LENGTH INFORMER FOR PRINTER

(51) International classification

:GO6F,HO4L

(31) Priority Document No

:11/184,374

(32) Priority Date

:19/07/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)XEROX CORPORATION

Address of Applicant : Xerox Square-20A, Rochester, New York 14644.

U.S.A.

(72)Name of Inventor :

1)DIGBY, ANTHONY

(57) Abstract :

In a printer, a method for displaying an amount of time remaining for a print job, the method comprising: receiving job specification input for a print job to be performed by the printer; receiving a number of original documents into the printer; determining a number of copy sheets that are to travel through the printer based on the job specification input and the number of original documents received by the printer; calculating a time for a copy sheet to travel through the printer based on the job specification input; calculating a total time for the print job based on the time calculated for the copy sheet to travel through the printer and the number of copy sheets that are to travel through the printer; initializing time remaining from the total time; displaying the time remaining on a display of the printer; and counting down the time remaining, whereby the time remaining is updated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2641/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : XPATH AUTOMATION SYSTEMS AND METHODS

(51) International classification

:GO6F,HO4L

(31) Priority Document No

:11/184,484

(32) Priority Date

:19/07/2005

(33) Name of priority country

:U.S.A.

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)XEROX CORPORATION

Address of Applicant : Xerox square-20A, Rochester, New York 14644.

U.S.A.

(72)Name of Inventor :

1)ROUX, CLAUDE

(57) Abstract :

A method comprising: analyzing at least one extensible markup language (XML) application to produce a listing of extensible markup language path language (XPath) strings produced by said application; processing said XPath strings to create one or more underspecified XPath (USXP) strings, wherein said USXP strings each include one or more variables; indexing an XML document using said USXP strings to produce an automaton; receiving an XPath query; and processing said XPath query through said automaton.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2642/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LIVE GENETICALLY ATTENUATED MALARIA VACCINE

(51) International classification	:C12N15/30
(31) Priority Document No	:60/531,479
(32) Priority Date	:19/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043023
Filing Date	:20/12/2004
(87) International Publication No	:WO/2005/063991
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SEATTLE BIOMEDICAL RESEARCH INSTITUTE
Address of Applicant : 307 Westlake Avenue North, Suite 500, Seattle,
WA 98109-5219 U.S.A.
(72)**Name of Inventor :**
1)KAPPE, Stefan, H.I.
2)MATUSCHEWKI, Kai-Uwe, C.
3)MUELLER, Ann-Kristin

(57) Abstract :

Abstract Method for inoculating a vertebrate host against malaria, by administering to the host a live Plasmodium organism that is genetically engineered to disrupt a liver-stage-specific gene function.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2643/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESSES FOR PREPARING ALKYL 3-(4-TETRAHYDROPYRANYL)-3-OXOPROPIONATE COMPOUND AND 4-ACYLTETRAHYDROPYRANE

(51) International classification :C07D309/06,C07B61/00 (31) Priority Document No :2003-422054 (32) Priority Date :19/12/2003 (33) Name of priority country :Japan (86) International Application No :PCT/JP2004/018938 Filing Date :17/12/2004 (87) International Publication No :WO/2005/058859 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)UBE INDUSTRIES, LTD. Address of Applicant : 1978-96, Oaza Kogushi, Ube-shi, Yamaguchi, 7558633 Japan (72)Name of Inventor : 1)NISHINO, Shigeyoshi. 2)SHIMA, Hidetaka. 3)IWAMOTO, Keiji. 4)HIROTSU, Kenji. 5)HARADA, Takashi.

(57) Abstract :

[Document name] Abstract The present invention is to provide a process for preparing an alkyl 3-(4-tetrahydropyranyl)-3-oxopropanoate compound represented by the formula (1): wherein R1 and R2 may be the same or different from each other, and represent a group which does not participate in the reaction, and R1 and R2 may be bonded to form a ring, and the ring may contain a hetero atom(s), and R3 represents a hydrocarbon group, which comprises reacting 4-acyltetrahydropyran represented by the formula (2): wherein R1 and R2 have the same meanings as defined above, and a carbonic acid diester represented by the formula (3): wherein R3 has the same meanings as defined above, and two R3s may be bonded to each other to form a ring, in the presence of a base, and a process for preparing 4- acyltetrahydropyran.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2644/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESSES FOR PRODUCING TETRAHYDROPYRAN-4-ONE AND PYRAN-4-ONE

(51) International classification :C07D309/30,B01J23/44,37/00,C07C45/45	(71)Name of Applicant :
(31) Priority Document No :2003-422053	1)UBE INDUSTRIES, LTD.
(32) Priority Date :19/12/2003	Address of Applicant :1978-96, Oaza Kogushi, Ube-shi, Yamaguchi,
(33) Name of priority country :Japan	7558633 Japan
(86) International Application No :PCT/JP2004/018949	(72)Name of Inventor :
Filing Date :17/12/2004	1)NISHINO, Shigeyoshi
(87) International Publication No :WO 2005/061479	2)HIROTSU, Kenji
(61) Patent of Addition to	3)SHIMA, Hidetaka
Application Number :NA	4)SUZUKI, Shinobu
Filing Date :NA	
(62) Divisional to Application	
Number :NA	
Filing Date :NA	

(57) Abstract :

The present invention relates to a process for preparing tetrahydropyran-4-one represented by the formula (1) : which comprises reacting at least one kind of dihydropyran- 4-one and pyran-4-one represented by the formula (2): wherein represents a single bond or a double bond, and hydrogen (a) in the presence of a metal catalyst, in a mixed solvent of an aprotic solvent and an alcohol solvent, or (b) in the presence of an anhydrous metal catalyst in which a hydrated metal catalyst is subjected to dehydration treatment, in a hydrophobic organic solvent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2645/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PLASTIC SUBSTRATE HAVING MULTI-LAYER STRUCTURE AND METHOD FOR PREPARING THE SAME

(51) International classification	:B32B 7/00	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0007909	1)LG CHEM, LTD.
(32) Priority Date	:06/02/2004	Address of Applicant : 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721
(33) Name of priority country	:Democratic People's Repulic	Democratic People's Repulic
(86) International Application No	:PCT/KR2005/000352	(72)Name of Inventor :
Filing Date	:04/02/2005	1)KIM, Dong-Ryul
(87) International Publication No	:WO 2005/074398	2)KIM, Gi-Cheul
(61) Patent of Addition to Application Number	:NA	3)PARK, Sang-Hyun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a plastic substrate having a multi-layer structure and a method for preparing the same. The plastic substrate of the present invention comprises plastic films attached to each other, and a first buffering layer of an organic-inorganic hybrid(115a), (115b) , a layer of gas barrier(120a, 120b), and a second buffering layer of an organic-inorganic hybrid (125a), (125b), which are stacked on both sides of the plastic films in an orderly manner, each layer forming a symmetrical arrangement centering around the plastic films. Because the plastic substrate of the present invention has a small coefficient of thermal expansion, excellent dimensional stability, and superior gas barrier properties, it can replace the brittle and heavy glass substrate in display devices. Also, it can be used for a variety of packaging or container materials in applications requiring superior gas barrier properties.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2646/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OPTICAL DISC FOR STORING BOTH DATA REQUIRING DEFECT MANAGEMENT AND REAL-TIME AV DATA

(51) International classification	:G11B20/12,G11B20/18	(71) Name of Applicant :
(31) Priority Document No	:03104819.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BRONDIJK, Robert, A.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An optical disc (1) for storing digital data, comprising a first storage area (10) for storing a first type of digital data and a second storage area (20) for storing a second type of digital data. Each of the first and second areas comprises a user-data area (11, 21). Furthermore, the storage areas (10, 20) are logically independent. The second storage area (20) has a defect management area (22a, 22b) associated with the user-data area (21) of the second storage area (20) for storing defect management data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2647/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BROADCAST DRIVEN VIRTUAL COMMUNITY ON P2P NETWORK

(51) International classification	:H04L29/06,H04N7/24	(71) Name of Applicant :
(31) Priority Document No	:03104860.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052650	(72) Name of Inventor :
Filing Date	:03/12/2004	1)PETERS, Marc, A.
(87) International Publication No	:WO 2005/062572	2)VAN DEN BOOMEN, Wilhelmus, H., G., M.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Meta data accompanying a content broadcast includes an identifier of a group of peers on a P2P network. The group provides or shares a service to enable peers to connect and interact via the P2P network within the context of the broadcast.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2648/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WATERMARK EMBEDDING

(51) International classification	:G10L19/00,G06T1/00	(71) Name of Applicant :
(31) Priority Document No	:03104843.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052676	(72) Name of Inventor :
Filing Date	:06/12/2004	1)LEMMA, Aweke, N.
(87) International Publication No	:WO 2005/062297	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed are methods and systems for embedding watermarks in information signals to obtain a watermarked information signal. The method of embedding a watermark comprises the steps of determining a predetermined first property of a first part of the information signal, said predetermined first property being indicative of whether at least a predetermined first part of the watermark signal is detectable in the first part of the information signal; embedding the at least first part of the watermark in the first part of the information signal to obtain the watermarked information signal, if the at least first part of the watermark signal is determined not to be detectable in the first part of the information signal; otherwise generating the watermarked information signal to include the first part of the information signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2649/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RECORD CARRIERS AND METHOD FOR THE PRODUCTION OF RECORD CARRIERS

(51) International classification	:G11B	(71)Name of Applicant :
(31) Priority Document No	:03104857.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052696	(72)Name of Inventor :
Filing Date	:07/12/2004	1)STALLINGA, Sjoerd.,
(87) International Publication No	:WO 2005/062299	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention comprises an optical record carrier comprising a data track, the data track including a sequence of marks and spaces of a plurality of different lengths. The marks and spaces form symbols encoding data. The length of each symbol comprises an integral multiple of a standard bit length, and an offset. The offset of each symbol varies according to the nominal length of the symbol, and the nominal length of the neighboring symbol.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2650/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF ACCESSING DATA CONTENT IN STORAGE DEVICES

(51) International classification	:G11B27/10	(71)Name of Applicant :
(31) Priority Document No	:03104855.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052625	(72)Name of Inventor :
Filing Date	:01/12/2004	1)FONTIJN, Wilhelmus, F., J.
(87) International Publication No	:WO 2005/062308	
(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 data storage device (110, 280). The device (110, 280) is distinguished in that it includes a data storage medium (280, SFFO) arranged to bear data content thereon as a master file (MF) having an associated file name (ADO) for identifying an address range for locating and subsequently accessing and/or recording said master file (MF) on the medium (280, SFFO), the master file (MF) including substantially within its address range at least one sub-file (SF) having an associated file name for identifying an address range for locating and accessing and/or recording the sub-file (SF) on the medium (280, SFFO), the device (110, 280) being arranged such that at least one of reading data content from and writing data content to at least one of the master file (MF) and the at least one subfile (SF) is facilitated by using their associated file names.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2651/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : REMOTELY CONTROLLED GATEWAY MANAGEMENT WITH SECURITY

(51) International classification	:H04L12/24,29/12,29/06	(71)Name of Applicant :
(31) Priority Document No	:60/537,809	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:20/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050190	(72)Name of Inventor :
Filing Date	:17/01/2005	1)SZOSTEK, Lucas, Marek
(87) International Publication No	:WO 2005/071888	2)ROZENDAAL, Leendert, Teunis
(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 are disclosed for remotely controlled gateway (135) management. The method and apparatus receive a request (120-1, 120-2) for content (164), the request (120-1, 120-2) comprising global addressing information (125-2, 126-2) of a gateway (135) and corresponding to a network appliance 105 on a local network (165) accessible by the gateway (135). The method and apparatus determine gateway configuration information (139, 145, 134) suitable for configuring the gateway (135) to pass one or more content streams 190 comprising portions of the content (164) to the network appliance 105. The method and apparatus communicate the gateway configuration information (139, 145, 134) to the gateway (135).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2652/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTISCREEN DISPLAY SYSTEM

(51) International classification	:G06F3/14,G09G5/14	(71) Name of Applicant :
(31) Priority Document No	:60/537,804	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:20/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050195	(72) Name of Inventor :
Filing Date	:17/01/2005	1)HOLLEMANS, Gerrit
(87) International Publication No	:WO 2005/071530	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system including two or more devices that are enabled for screen sharing. A screen connect function is resident on at least one of the devices. Activation of the screen connect function initiates the screen sharing between the devices. The screen sharing may include a sharing of a display capability of one device with the other device. Additionally or in place of the sharing of the display capability, other functionality such as processing capabilities, touch screen control, etc. may be shared between devices. The screen sharing may include a transfer of a user interface or portion thereof from a first device to a second device. This user interface or portion thereof operated on the second device functions as a user interface of the first device. The screen sharing may be enabled when the devices are brought into proximity with each other. A screen connect function may initiate the screen sharing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2653/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ENHANCED USAGE OF TELEPHONES IN NOISY SURROUNDINGS

(51) International classification	:G10L15/26,21/02,H04M1/253,1/60	(71)Name of Applicant :
(31) Priority Document No	:60/537,806	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:20/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050193	(72)Name of Inventor :
Filing Date	:17/01/2005	1)GUTTA, Srinivas
(87) International Publication No	:WO 2005/071666	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A method for enhancing a usage of a telephone (100) is provided. The method including: receiving an incoming call; detecting an ambient noise level; and enhancing the incoming call to make it more understandable by a recipient of the incoming call where the detected ambient noise level is greater than a predetermined threshold noise level. The enhancing can include automatically amplifying a loudness of the incoming call to the recipient of the incoming call and/or converting the incoming call to text and displaying the text to the recipient of the incoming call.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2654/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR INPUTTING PREFERENCES INTO RECOMMENDER/PROFILING SYSTEM

(51) International classification	:H04N5/44
(31) Priority Document No	:60/537,803
(32) Priority Date	:20/01/2004
(33) Name of priority country	:Turkey
(86) International Application No	:PCT/IB2005/050196
Filing Date	:17/01/2005
(87) International Publication No	:WO 2005/071950
(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)VAN DOORN, Markus, Gerardus, Leonardus, Maria

2)CLOUT, Ramon, Antoine, Wiro [

(57) Abstract :

ABSTRACT A user profiling system that receives user command/control selections related to content currently being provided to the user. A processor acts on the command/control selections and also determines whether the command/control selections are volume related command/control selections. In a case where the command/control selections are volume related, the processor utilizes these volume related command/control selections as an input to a user profile of the user profiling system. The user profile may be utilized for providing recommendations of content to the user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2655/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR PROTECTION OF CONTENT USING BIOMETRIC WATERMARKS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:60/537,807	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:20/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050192	(72)Name of Inventor :
Filing Date	:17/01/2005	1)GUTTA, Srinivas
(87) International Publication No	:WO 2005/071513	2)BARBIERI, Mauro
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus are that restrict access to digital content to an authorized user on one or more systems using biometric watermarks. The disclosed biometric watermarking techniques allow an authorized user to be uniquely identified. Access to digital content is restricted to digital content in accordance with the present invention by embedding a biometric watermark, such as a biometric image, in the content. Thereafter, a user can only access the content if a biometric sample of the user matches the embedded biometric watermark. In one variation, the user can only access the content if the biometric sample is a live biometric sample. The embedded biometric watermark optionally includes information describing a system employed by the user to obtain the content. The user can optionally be permitted to access the content, without a biometric evaluation, if the content is on a system that has been previously authorized for the user using a biometric evaluation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2656/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIERARCHICAL PLAYLIST GENERATOR

(51) International classification	:G06F17/30
(31) Priority Document No	:60/537,802
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/050184
Filing Date	:17/01/2005
(87) International Publication No	:WO 2005/071570
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VIGNOLI, Fabio
2)PAUWS, Steffen, Clarence

(57) Abstract :

A playlist generator partitions the playlist generation process into a multi-stage, hierarchical process. At an example highest hierarchical level, the user's "general" preferences are applied. These general preferences reflect the user's "tastes", and are relatively constant. At a lower level of the hierarchy, the user's "specific" preferences are applied. These specific preferences reflect the dynamic time-dependent or eventdependent aspects of a user's entertainment preferences. The high-level preferences generate a subset of material from the global collection of material, and the lower-level preferences are applied to this subset of material as the user's immediate preferences change. By segregating the playlist generation process hierarchically, efficiency is gained by applying immediate preference changes to a smaller subset of material, and coherency is improved by limiting the subsequent selection processes to a given subset of the material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2657/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING THE TOPIC OF A CONVERSATION AND OBTAINING AND PRESENTING RELATED CONTENT

(51) International classification	:G10L15/26
(31) Priority Document No	:60/537,808
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050191
Filing Date	:17/01/2005
(87) International Publication No	:WO 2005/071665
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)HOLLEMANS, Gerrit
2)EGGEN, Josephus, Hubert
3)VAN DE SLUIS, Bartel, Marinus

(57) Abstract :

A method and system are disclosed for determining the topic of a conversation and obtaining and presenting related content. The disclosed system provides a "creative inspirator" in an ongoing conversation. The system extracts keywords from the conversation and utilizes the keywords to determine the topic(s) being discussed. The disclosed system then conducts searches to obtain supplemental content based on the topic(s) of the conversation. The content can be presented to the participants in the conversation to supplement their discussion. A method is also disclosed for determining the topic of a text document including transcripts of audio tracks, newspaper articles, and journal papers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2658/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUTOMATIC CREATION OF E-BOOKS

(51) International classification	:G06F17/30
(31) Priority Document No	:60/537,810
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050186
Filing Date	:17/01/2005
(87) International Publication No	:WO 2005/071572
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)GUTTA, Srinivas
2)VERHAEGH, Wilhelmus, Franciscus, Johannes
3)MEULEMAN, Petrus, Gerardus

(57) Abstract :

A system searches for segments among multiple publications dealing with a given topic or set of topics, and compiles these segments into a custom-created electronic-book. In a commercial environment, such custom-created e-books are offered for sale to a user or set of users who have expressed interest in the given topic or set of topics. Optionally, the system is aware of the publications that are in a user's existing library, and avoids the inclusion of redundant material in the custom-created e-book for that user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2659/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INTEGRATED PLAYLIST GENERATOR

(51) International classification	:G06F17/30
(31) Priority Document No	:60/537,798
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050185
Filing Date	:17/01/2005
(87) International Publication No	:WO 2005/071571
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VIGNOLI, Fabio
2)PAUWS, Steffen, Clarence

(57) Abstract :

A system and method for playlist generation is configured to augment a playlist derived from selections from a user's collection with selections from beyond the user's collection. Both the user's collection and external sources are searched for entertainment items that conform to the user's preferences, and the resultant playlist includes a mix of material from both the user's collection and the external sources. The user is provided the option of specifying the proportion of material that is to be included in the playlist from the external sources. If the material from the external sources requires a purchase fee, the user is provided the option of purchasing the material, preferably, after being given the opportunity to view, listen to, or otherwise assess the material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2660/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUTOMATIC GENERATION OF PERSONALIZED MEETING LISTS

(51) International classification	:G06F17/60
(31) Priority Document No	:60/537,811
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050188
Filing Date	:17/01/2005
(87) International Publication No	:WO 2005/071585
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)GUTTA, Srinivas
2)VERHAEGH, Wilhelmus, Franciscus, Johannes
3)MEULEMAN, Petrus, Gerardus

(57) Abstract :

A method and system for providing a personalized list of meetings per subject per user of the system (1), includes a system computer (4) and user computer (12) each configured for bidirectionally communicating over the Internet (8), whereby the system computer (4) is programmed to first obtain either explicitly (20) or implicitly (26) a profile listing various meeting preferences of a user, to next obtain a list of future meetings corresponding to at least a portion of the user's profile, followed by sending the user the list of recommended meetings generated, along with location specific information if requested by the user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2661/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PLAYLIST BASED ON ARTIST AND SONG SIMILARITY

(51) International classification :G06F17/30

(31) Priority Document No :60/537,799

(32) Priority Date :20/01/2004

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

(86) International Application No :PCT/IB2005/050183

Filing Date :17/01/2005

(87) International Publication No :WO 2005/071569

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)VIGNOLI, Fabio

2)PAUWS, Steffen, Clarence

(57) Abstract :

A playlist generator allows a user to identify a particular artist as the seed for a one-click playlist generation. When the user identifies the artist, a list of similar artists is presented for the user's approval or modification. When the user is satisfied with the list of artists, the user initiates the playlist generation. The system iteratively selects an artist from the list, and selects a song by that artist, based on the similarity of songs by the artist. The user may control the degree of variety among artists and among songs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2662/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ADVANCED CONTROL DEVICE FOR HOME ENTERTAINMENT UTILIZING THREE DIMENSIONAL MOTION TECHNOLOGY

(51) International classification :G08C17/00
(31) Priority Document No :60/537,800
(32) Priority Date :20/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/050182
Filing Date :17/01/2005
(87) International Publication No :WO/2005/071636
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)Name of Inventor :
1)DE RUYTER, Boris, Emmanuel, Rachmund
2)LANGMANN, Detlev
3)TU, Jiawen, W.
4)BUIL, Vincentius, Paulus
5)LASHINA, Tatiana, A.
6)VAN LEONEN, Evert, Jan
7)EGNER, Sebastian

(57) Abstract :

A hand held device for generating commands and transferring data between the hand-held device and a base device (including consumer electronic equipment). The hand-held device detects the motion of the device itself, interpreting the motion as a command, and executing or transferring the command. The motion of the device can include gestures made by the user while holding the device, such as the motion of throwing the hand-held device toward a base device. The commands generated by the user range from basic on/off commands to complex processes, such as the transfer of data. In one embodiment, the user can train the device to learn new motions associated with existing or new commands. The hand-held device analyzes the basic components of the motion to create a motion model such that the motion can be uniquely identified in the future.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2663/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR TREATING ERECTILE DYSFUNCTION

(51) International classification	:A61K31/453,A61P/15/10	(71) Name of Applicant :
(31) Priority Document No	:60/537,014	1)ASTELLAS PHARMA INC.
(32) Priority Date	:20/01/2004	Address of Applicant : 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku,
(33) Name of priority country	:U.S.A.	Tokyo 103-8411 Japan
(86) International Application No	:PCT/JP2005/000806	(72) Name of Inventor :
Filing Date	:17/01/2005	1)YAMAJI, Takayuki
(87) International Publication No	:WO/2005/067928	2)YAMAZAKI, Shunji.,
(61) Patent of Addition to Application Number	:NA	3)PRICE, Raymond.,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Macrolide compound (I) is provided for treating or preventing erectile dysfunction, which is, for example, induced by or secondary to diseases, alcoholism, aging, arterial insufficiency, venous leakage, hormonal insufficiency, drug use, surgery, chemotherapy or radiation, particularly, for preventing or treating an erectile dysfunction of mammals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2664/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING OPTICALLY ACTIVE CYCLOALKYLIDENE BISOXAZOLINE COMPOUND AND INTERMEDIATE THEREOF

(51) International classification	:C07C233/60,C07D263/14	(71) Name of Applicant :
(31) Priority Document No	:2003-424580	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:22/12/2003	Address of Applicant : 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo
(33) Name of priority country	:Japan	1048260 Japan
(86) International Application No	:PCT/JP2004/019667	(72) Name of Inventor :
Filing Date	:21/12/2004	1)ITAGAKI, Makoto
(87) International Publication No	:WO/2005/061438	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is provided to an optically active cycloalkylidenebisamidoalcohol compound represented by the formula (3): wherein R1 represents a C1-6 alkyl group, an optionally substituted phenyl group, an optionally substituted aralkyl group or a hydrogen atom, or two R1S, I which are bonded to the same carbon atom, are bonded to form a ring together with the carbon atom to which they are bonded, R2 represents a C1-6 alkyl group, an optionally substituted aralkyl group or an optionally substituted phenyl group and * represents an asymmetric center, a method for producing it and a method for producing an optically active cycloalkylidenebisoxazoline compound represented by the formula (4): wherein R1, R2 and * are as defined above, using thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2665/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TRIAZINYLAMINOSTILBENE DISULPHONIC ACID MIXTURES

(51) International classification :C11D3/42,D21H21/30,D06L3/12,C07D251/68
(31) Priority Document No :04100158.7
(32) Priority Date :20/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/050070
Filing Date :10/01/2005
(87) International Publication No :WO/2005/068597
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CIBA SPECIALTY CHEMICALS HOLDING INC.
Address of Applicant : Klybeckstrasse 141, CH-4057 Basel Switzerland
(72)Name of Inventor :
1)CUESTA, Fabienne
2)DEISENROTH, Ted
3)ROHRINGER, Peter

(57) Abstract :

The present invention relates to a fluorescent whitening agent comprising a mixture of two symmetrically and one asymmetrically substituted triazinylaminostilbene disulphonic acids, certain novel derivatives, a process for their preparations and use of the mixture for whitening synthetic or natural organic materials, especially paper and for the fluorescent whitening and improvement of sun protection factors of textile materials.

(54) Title of the invention : SEALER GUN

(51) International classification	:B05C5/00,B04F21/165	(71)Name of Applicant :
(31) Priority Document No	:2004-010394	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:19/01/2004	Address of Applicant : 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo
(33) Name of priority country	:Japan	1078556 Japan
(86) International Application No	:PCT/JP2005/000383	(72)Name of Inventor :
Filing Date	:14/01/2005	1)HIRATA, Koutarou
(87) International Publication No	:WO/2005/068086	2)KOKUBU, Souichi
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The object of the present invention is to provide a sealer gun in which even an operator having no expert skill can easily conduct application by optionally setting the bead width, and keep the application uniform from the initial stage to the final stage. In the sealer gun, the needle valve is moved backward by a predetermined stroke by operating the trigger, and a sealer is spouted from the gap between the valve seat and the needle valve. In this instance, with the adjusting knob of the notch portion provided in the back portion of the gun body, the position-adjusting member is moved back and forth, and the moving-backward stroke of the needle valve is controlled. The tapered portion 8b is formed at the tip of the needle valve, and the orifice member is provided in the sealer passage in the downstream of the valve seat so as to absorb the pulsating pressure variation of the sealer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2667/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTI-TERMINAL DEVICES HAVING LOGIC FUNCTIONALITY

(51) International classification	:H01L27/108
(31) Priority Document No	:10/761,022
(32) Priority Date	:20/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041485
Filing Date	:10/12/2004
(87) International Publication No	:WO/2005/072090
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ENERGY CONVERSION DEVICES, INC.
Address of Applicant : 2956 Waterview Drive, Rochester Hills, MI 48309
U.S.A.
(72)**Name of Inventor :**
1) OVSHINSKY, Stanford, R.

(57) Abstract :

A multi-terminal logic device. The device includes a phase change material having crystalline and amorphous states in electrical communication with three or more electrical terminals. The phase change material is able to undergo reversible transformations between amorphous and crystalline states in response to applied electrical energy where the amorphous and crystalline states show measurably distinct electrical resistances. Electrical energy in the form of current or voltage pulses applied between a pair of terminals influences the structural state and measured electrical resistance between the terminals. In the instant devices, independent input signals are provided between different pairs of terminals and the output is measured as the resistance between yet another pair of terminals. Logic functionality is achieved through relationships between the applied input signals and the measured output resistance where the relationship is governed by the effect of the input signals on the structural state and electrical resistance of the phase change material. Logic values may be associated with the crystalline and amorphous states of the phase change material or the measured resistance between a pair of terminals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2668/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING OPTICALLY ACTIVE BISAMIDO ALCOHOL COMPOUND

(51) International classification	:C07C231/02,213/00,215/08,C07B61/00	(71)Name of Applicant :
(31) Priority Document No	:2003-424579	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:22/12/2003	Address of Applicant : 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo
(33) Name of priority country	:Japan	1048260 Japan
(86) International Application No	:PCT/JP2004/019668	(72)Name of Inventor :
Filing Date	:21/12/2004	1)ITAGAKI, Makoto
(87) International Publication No	:WO/2005/061435	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is provided that a method for producing an optically active bisamidoalcohol compound represented by the formula (3): wherein R1 represents a Cl-6 alkyl group, an optionally substituted phenyl group, an optionally substituted aralkyl group or a hydrogen atom, or two R1s, which are bonded to the same carbon atom, are bonded to form a ring together with the carbon atom to which they are bonded, R2 represents a Cl-6 alkyl group, an optionally substituted phenyl group, a 1-naphthyl group, a 2-naphthyl group or an optionally substituted aralkyl group, R3 and R4 are the same or different, and each represents a hydrogen atom or Cl-3 alkyl group, m represents an integer of 0 to 2, and * represents an asymmetric center, which comprises reacting an optically active aminoalcohol compound represented by the formula (1): wherein R1, R2 and * are as defined above, with a diester compound represented by the formula (2): wherein R3, R4 and m are as defined above and RS represents a Cl-3 alkyl group, in the presence of a lithium compound.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2669/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DIRECT COMPRESSION FORMULATION AND PROCESS

(51) International classification :A61K47/00

(31) Priority Document No :60/537,706

(32) Priority Date :20/01/2004

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

(86) International Application No :PCT/EP2005/000400

Filing Date :17/01/2005

(87) International Publication No :WO/2005/067976

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)KOWALSKI, James

2)PARTHIBAN, Lakshman, Jayanth

3)PATEL, Arun, P.

(57) Abstract :

Dipeptidylpeptidase IV inhibitor (herein referred to as DPP-IV) that may be 98.5-100% pure is a high-dose drug capable of being directly compressed with specific excipients into solid form dosage forms, such as tablets and capsules having desired, hardness, disintegrating ability and acceptable dissolution characteristics. DPP-IV is not inherently compressible and thus presents formulation problems. Excipients used in the formulation enhance the flow and compaction properties of the drug and tableting mix. Optimal flow contributes to uniform die fill and weight control. The binder used ensures sufficient cohesive properties that allow DPP-IV to be compressed using the direct compression method. The tablets produced provide an acceptable in vitro dissolution profile.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2670/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CRANLCASE LUNRICATING OIL COMPOSITION FOR PROTECTION OF SILVER BEARINGS IN LOCOMOTIVE DIESEL ENGINES

(51) International classification

:

(31) Priority Document No

:11/186,118

(32) Priority Date

:20/07/2005

(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)CHEVRON ORONITE COMPANY LLC

Address of Applicant : 6001 Bollinger Canyon Road, San Ramon, California 94583, U.S.A.

(72)Name of Inventor :

1)TOBIAS, Melanie, F.,

2)YAMAGUCHI, ELAINE, S.,

3)NELSON, KENNETH, D.,

4)SMALL, VERNON, R.,

(57) Abstract :

The present invention is directed to a crankcase lubricating oil composition for protection of silver bearings in locomotive diesel engines comprising (A) a major amount of an oil of lubricating viscosity, and (8) a silver wear protection additive composition, and (C) one or more detergents. The silver wear protection additive composition of the present invention comprises a mixture of (i) a hydrocarbylamine salt of a di-alkyl di-thiophosphoric acid and (ii) a hydrocarbylamine salt of an alkyl acid phosphate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2671/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BANKING COMPUTER ACCOUNT SYSTEM WITH LOCK FOR SECURE PAYMENT VIA TELEPHONE AND CORRESPONDING METHOD.

(51) International classification	:H04M11/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/CN2004/000080
Filing Date	:20/01/2004
(87) International Publication No	:WO/2005/079050
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WONG, Kamfu
Address of Applicant : 3 Keng Hau Road, Shatin, N.T., Hong Kong China
(72)**Name of Inventor :**
1)WONG, Kamfu

(57) Abstract :

A banking computer system with lock for secure payment via telephone and corresponding method, the system includes a telephone (1), a public communication system (2), a financial computer account system (3), wherein the financial computer account system (3) usually locks its user account (3-7), assigns a private phone number (6) to a user, and sets unlock information (8) associated with the user account (3-7) in the system. Once the user is connected to the financial computer account system (3) using the telephone (1) with the private phone number (6) through the public communication system (2), the financial computer account system (3) will check the unlock information (8) according to a predefined program, if the unlock information (8) is authenticated, the user account (3-7) will be unlocked for a predefined time, otherwise, the user account cannot be unlocked, the secure payment is therefore achieved by adding an unlock procedure which can be controlled by user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2672/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS AND APPARATUS FOR THE CONTINUOUS PREPARATION OF A CHEMICAL COMPOUND

(51) International classification	:B01J8/06	(71)Name of Applicant :
(31) Priority Document No	:10 2004 003 003.0	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:20/01/2004	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/000532	1)GOBBEL, Hans-Georg
Filing Date	:20/01/2005	2)BASSLER, Peter
(87) International Publication No	:WO/2005/068062	3)TELES, Joaquim Henrique
(61) Patent of Addition to Application Number	:NA	4)RUDOLF, Peter
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Process and apparatus for the continuous preparation of a chemical compound in at least one reactor, where at least one of the reactors is a shell-and-tube reactor which has a shell and at least one internal tube located within the shell, wherein at least one of the internal tubes has, at least in part, a noncircular cross section and a helical configuration in the region in which it is surrounded by the shell.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2673/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :20/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ARRESTING DEVICE, AND SNAP MEMBER REMOVAL FORCE MEASURING APPARATUS

(51) International classification	:A41H37/04
(31) Priority Document No	:2002-157736
(32) Priority Date	:30/05/2002
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/JP2003/006745
Filing Date	:29/05/2003
(87) International Publication No	:WO/2003/102525
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:2678/CHENP/2004
Filed on	:29/05/2003

(71)**Name of Applicant :**
1)YKK CORPORATION
Address of Applicant : 1, Kandaizumi-cho, Chiyoda-ku, Tokyo Japan
(72)**Name of Inventor :**
1)HASEGAWA, Kenji

(57) Abstract :

A measuring instrument for detaching force of snap member comprising a means for pressing the fabric of garments for pressing a fabric of garments attaching a snap member around the snap member, a constraining means for constraining the sides of the snap member, a pulling means for pulling at least either the constraining means or the means for pressing the fabric in the direction separating the constraining means constraining the snap member and the means for pressing the fabric and a gauging means for gauging the pulling force of the pulling means said means for pressing the fabric having a fabric presser arm adapted to press the fabric at the front end thereof a support shaft supporting the fabric presser arm at a middle section of the arm so as to allow the latter to swing a rotary shaft held in parallel with the support shaft and having a lever and a cam arranged at the rotary shaft so as to swing the base end of the fabric presser arm around the support shaft that operates as fulcrum according to the operation of turning the lever.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2674/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ORNITHINE DERIVATIVES AS PROSTAGLANDIN E2 AGONISTS OR ANTAGONISTS

(51) International classification

:C07D307/00

(31) Priority Document No

:2003907110

(32) Priority Date

:22/12/2003

(33) Name of priority country

:Australia

(86) International Application No

:PCT/JP2004/019454

Filing Date

:17/12/2004

(87) International Publication No

:WO/2005/061475

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ASTELLAS PHARMA INC.

Address of Applicant : 3-11, Nihonbashi-Honcho 2-chome, Chuo-ku,
Tokyo 1038411 Japan

(72)Name of Inventor :

1)HATTORI, Kouji

2)FUJII, Naoaki

3)TANAKA, Akira

4)WASHIZUKA, Kenichi

5)SAKURAI, Minoru

6)KURODA, Satoru

7)TODA, Susumu

8)NAKAJIMA, Yutaka

(57) Abstract :

Ornithine derivatives of the formula (I): wherein X is -CO- or -(CH₂)_k- (wherein k is 1, 2 or 3); Y is Z-(CH₂)_n-, and the like; {wherein Z is R¹-CO-NR⁴-, and the like, (wherein R¹ is aryl, and the like; and R⁴ is hydrogen, or lower alkyl); and n is 1, 2, 3, 4, 5 or 6}; R² is aryl-(lower alkyl), and the like; R³ is -Q-R⁷, [wherein Q is -CO- or -SO₂-, R⁷ is heterocyclyl], and the like; and R⁵ and R⁶ are independently hydrogen or lower alkyl; or a pharmaceutically acceptable salt thereof, which are useful as medicament.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2675/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ATTACHING DEVICE FOR GUTTER-SECTIONAL STRIP

(51) International classification	:B25B27/00,B60J10/00	(71)Name of Applicant :
(31) Priority Document No	:2004-013163	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:21/01/2004	Address of Applicant : 3M Center, P.O. Box 33427, Saint Paul, MN
(33) Name of priority country	:Japan	55133-3437 U.S.A.
(86) International Application No	:PCT/US2005/001025	(72)Name of Inventor :
Filing Date	:12/01/2005	1)FUJINO, Takayoshi
(87) International Publication No	:WO/2005/072914	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An attaching device (10) for attaching a gutter-sectional strip (12) to an edge (14A) of a plate-like portion (14) of an object, the gutter-sectional strip (12) including a pair of arm pieces (12A) opposing each other and a back length (12B) connecting the arm pieces (12A) with each other. The device (10) comprises a body (18) having a passage (16) for the gutter-sectional strip (12); a pressing groove (36), provided in the body (18), for receiving the gutter-sectional strip (12) with the back length (12B) thereof being firstly received; a support surface (22) provided in the body (18) and substantially opposing and cooperating with the pressing groove (36) to hold therebetween the object having the plate-like portion (14); and a strip guide (24) provided in the passage (16) for guiding the gutter-sectional strip (12) toward the pressing groove (36) while spreading out the arm pieces (12A) of the gutter-sectional strip (12) as the gutter-sectional strip (12) is fed along the passage (16).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2676/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR DEPLETION OF SULPHUR AND/OR COMPOUNDS CONTAINING SULPHUR FROM A BIOCHEMICALLY PRODUCED ORGANIC COMPOUND

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:B01D15/08,C10G25/00,C12P7/06 :10361508.3 :23/12/2003 :Germany :PCT/EP2004/014591 :22/12/2004 :WO/2005/063354 :NA :NA :NA :NA	(71) Name of Applicant : 1)BASF AKTIENGESELLSCHAFT Address of Applicant : D-67056, Ludwigshafen Germany (72) Name of Inventor : 1)GERLACH, Till 2)MELDER, Johann-Peter 3)HOFFER, Bram, Willem 4)MEIER, Anton

(57) Abstract :

Method of reducing the concentration of sulfur and/or a sulfur-containing compound in a biochemically prepared organic compound by bringing the respective organic compound into contact with an adsorbent. Ethanol which has a particular specification and can be prepared by the abovementioned method, and its use as solvent, disinfectant, as component in pharmaceutical or cosmetic products or in foodstuffs or in cleaners, as feed in steam reforming processes for the synthesis of hydrogen or in fuel cells, or as building block in chemical synthesis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2677/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF PREPARING PROPIONIC ACID-TERMINATED POLYMERS

(51) International classification	:C08F8/00	(71)Name of Applicant :
(31) Priority Document No	:60/538,006	1)NEKTAR THERAPEUTICS AL, CORPORATION
(32) Priority Date	:21/01/2004	Address of Applicant : 490 Discovery Drive, Huntsville, Alabama 35806
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/001770	(72)Name of Inventor :
Filing Date	:21/01/2005	1)KOZLOWSKI, Antoni
(87) International Publication No	:WO/2005/070973	2)MCMANUS, Samuel, P.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides methods for preparing polymers bearing a terminal propionic acid. The method involves first reacting a water soluble and non-peptidic polymer comprising at least one hydroxyl group with a tertiary alkyl acrylate in the presence of a catalyst to form a propionic acid ester of the polymer, wherein the polymer has a weight average molecular weight of at least about 10,000 Da; and then treating the propionic acid ester of the polymer with a strong acid to form a propionic acid of the polymer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2678/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DRAIN BRUSH

(51) International classification	:A47K7/00,7/02,3/00,A61H7/00,E03C1/22	(71)Name of Applicant :
(31) Priority Document No	:2003907173	1)COOK, Murray, Norman
(32) Priority Date	:31/12/2003	Address of Applicant : 52 Treave Street, Cloverdale, Western Australia
(33) Name of priority country	:Australia	6105 Australia
(86) International Application No	:PCT/AU2004/001846	(72)Name of Inventor :
Filing Date	:23/12/2004	1)COOK, Murray, Norman
(87) International Publication No	:WO/2005/063106	
(61) Patent of Addition to		
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract :

A brush assembly adapted to be mounted to a drain. The drain brush assembly (11) comprises a housing (14), a brush head (16) and a set of bristles (51). The housing is adapted to be engaged with a drain to provide the inlet to the drain. The brush head (16) is supported by the housing to extend across the drain inlet. The set of bristles (51) extends from the outermost axial face of the brush head (16). The brush head (16) is supported by the housing (14) to be resiliently depressible into the housing (14).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2679/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMBINATION OF ORGANIC COMPOUNDS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number:NA Filing Date (62) Divisional to Application Number Filing Date	:A61K31/165,31/454,A61P9/12 :60/538,222 :22/01/2004 :U.S.A. :PCT/EP2005/000597 :21/01/2005 :WO/2005/070406 :NA :NA :NA	(71) Name of Applicant : 1)NOVARTIS AG Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland (72) Name of Inventor : 1)FELDMAN, David, Louis

(57) Abstract :

The invention relates to a combination, such as a combined preparation or pharmaceutical composition, respectively, comprising the renin inhibitor of formula (I) or a pharmaceutically acceptable salt thereof and at least one PDGF receptor tyrosine kinase inhibitor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2680/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ORGANIC COMPOUNDS

(51) International classification	:C07D417/04,417/14,A61K31/501,31/506	(71) Name of Applicant :
(31) Priority Document No	:0401336.3	1)NOVARTIS AG
(32) Priority Date	:21/01/2004	Address of Applicant : Lichstrasse 35, CH-4056 Basel Switzerland
(33) Name of priority country	:U.K.	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/000542	1)PRESS, Neil, John
Filing Date	:20/01/2005	2)TAYLOR, Roger, John
(87) International Publication No	:WO/2005/070926	
(61) Patent of Addition to		
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Compounds of formula (I) in free or salt form, where Ar is phenyl substituted by one or more substituents selected from halogen, cyano and C1- C8-haloalkyl, or naphthyl, R1 is hydrogen, phenyl optionally substituted by one or more substituents selected from halogen, cyano, hydroxy, C1-C8-alkyl, C1-C8-haloalkyl, C1-C8-alkoxy, C1-C8-alkoxy-C1-C8 alkyl, carboxy, C1-C8-alkoxycarbonyl and acyloxy, or R1 is a 5- or 6- membered monovalent heterocyclic group, R2 is hydrogen, C1-C8-alkyl, acyl or -CON(R3)R4, R3 and R4 are each independently hydrogen or C1-Cs-alkyl, or together with the nitrogen atom to which they are attached denote a 5- or 6- membered heterocyclic group, and Y is a pyrimidinyl or pyridazinyl group, optionally substituted by at least one C1-Cs-alkyl, C1-C8-alkoxy, C1-C8-alkylthio, C1-C8-alkyl amino, di(C1-C8-alkyl) amino or acylamino group. The compounds are useful as pharmaceuticals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2681/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PYRAZOLO[1,5-A]PYRIMIDIN-7-YL-AMINE DERIVATIVES FOR USE IN THE TREATMENT OF PROTEIN KINASE DEPENDENT DISEASES

(51) International classification	:A61K31/505
(31) Priority Document No	:60/538,220
(32) Priority Date	:22/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/000602
Filing Date	:21/01/2005
(87) International Publication No	:WO/2005/070431
(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)BOLD, Guido
2)FLOERSHEIMER, Andreas
3)FURET, Pascal
4)IMBACH, Patricia
5)MASUYA, Keiichi
6)SCHOEPPFER, Joseph
7)MARTINY-BARON, Georg

(57) Abstract :

The invention relates to the use of pyrazolo[1,5a]pyrimidin-7-yl amine compounds and salts thereof in the treatment of kinase dependent diseases and for the manufacture of pharmaceutical preparations for the treatment of said diseases, novel pyrazolo[1,5a]pyrimidin-7-yl amine compounds, and a process for the preparation of the novel pyrazolo[1,5a]pyrimidin-7-yl amine compounds.

(54) Title of the invention : GUANIDINE DERIVATIVES AND USE THEREOF AS NEUROPEPTIDE FF RECEPTOR ANTAGONISTS

(51) International classification : **A61K 31/428**
 (31) Priority Document No :466/03
 (32) Priority Date :20/03/2003
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/CH2004/000175
 Filing Date :22/03/2004
 (87) International Publication No :WO/2004/083218
 (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)CAROFF, Eva**2)STEGGER, Matthias****3)VALDENNAIRE, Oliver****4)FECHER, Anja****5)BREU, Volker****6)HILPERT, Kurt****7)FRETZ, Heinz****8)FRETZ, Heinz****9)GILLER, Thomas**

(57) Abstract :

The invention relates to guanidine derivatives of formula (I) where: A = a chain of 3-c6 carbon atoms, one of which can be replaced by -N(R')- or -O- and R' = H or a substituent, where the ring skeleton only contains both double bonds of the thiazole component, the pharmaceutically-acceptable acid addition salts of basic compounds of formula (I), the pharmaceutically-acceptable salts of compounds of formula (I),, comprising acid groups, with bases, the pharmaceutically-acceptable esters of hydroxy or carboxyl group containing compounds of formula (I) and the solvates or hydrates thereof, which are partly known and partly novel and exhibit a neuropeptide FF receptor antagonist effect. The above are suitable for the treatment of pain and hyperalgesia, withdrawal symptoms in alcohol, psychotropic and nicotine dependencies, for improvement or cure of said dependencies, for regulation of insulin excretion, food intake, memory functions, blood pressure, electrolyte and energy management and for treatment of urinary incontinence. The above can be produced using generally used methods and processed to give medicaments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2682/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITION FOR YARNS, YARNS POSSESSING IMPROVED PROPERTIES AND USE OF THESE YARNS

(51) International classification	:C08L35/02,23/30,83/04	(71)Name of Applicant :
(31) Priority Document No	:0400604	1)RHODIA INDUSTRIAL YARNS AG
(32) Priority Date	:22/01/2004	Address of Applicant : Gerliswilstrasse 17, CH-6021 EMMENBRUCKE
(33) Name of priority country	:France	Switzerland
(86) International Application No	:PCT/EP2005/000667	(72)Name of Inventor :
Filing Date	:20/01/2005	1)WATTENHOFER, Christian
(87) International Publication No	:WO/2005/075559	2)SCHAFFNER, Paul
(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 composition for yarns, fibres or filaments which can be deposited on these yarns, fibres or filaments in order to improve the properties of these yarns, fibres or filaments, in particular the resistance to abrasion. The invention also relates to a process for producing these yarns, fibres or filaments, and also to a rope comprising these yarns, fibres or filaments, and to their use.

(54) Title of the invention : COMPOUNDS AND METHODS OF USE

(51) International classification :A61K31/505,31/47,C07D217/24,401/12
 (31) Priority Document No :60/538,691
 (32) Priority Date :23/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/002326
 Filing Date :24/01/2005
 (87) International Publication No :WO/2005/070891
 (61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application
 Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)AMGEN INC

Address of Applicant :AMGEN INC., M/S 27-4-A, One Amgen Center Drive, Thousand Oaks, CA 91320-1799 U.S.A.

(72)Name of Inventor :

1)POTASHMAN, Michele**2)KIM, Tae-seong,****3)BELLON, Steven****4)BOOKER, Shon****5)CHENG, Yuan****6)KIM, Joseph, L.****7)TASKER, Andrew****8)XI, Ning****9)XU, Shimin****10)HARMANGE, Jean-Christophe****11)BORG, George****12)WEISS, Matthew;****13)HODOUS, Brian, L.****14)GRACEFFA, Russell****15)BUCKNER, Willian, H.****16)MASSE, Craig, E.****17)CHOQUETTE, Deborah****18)MARTIN, Matthew, W.****19)GERMAIN, Julie****20)DIPIETRO, Lucian, V****21)CHAFFEE, Stuart, C.****22)NUNES, Joseph, J.****23)BUCHANAN, John, L.****24)HABGOOD, Gregory, J.****25)MCGOWAN, David, C.****26)WHITTINGTON, Douglas, A.****27)LA, Daniel****28)PATEL, Vinod, F.**

(57) Abstract :

Selected compounds are effective for prophylaxis and treatment of diseases, such as HGF mediated diseases. The invention encompasses novel compounds, analogs, prodrugs and pharmaceutically acceptable salts thereof, pharmaceutically compositions and methods for prophylaxis and treatment of diseases and other maladies or conditions involving, cancer and the like. The subject invention also relates to processes for making such compounds as well as to intermediates useful in such processes

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2684/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INDOL-ALANINE DERIVATIVES AS SELECTIVE S1P4-AGONISTS

(51) International classification :C07D209/42,A61K31/404
(31) Priority Document No :0401332.2
(32) Priority Date :21/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/000541
Filing Date :20/01/2005
(87) International Publication No :WO/2005/070886
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland
(72)**Name of Inventor :**
1)AZZAOU, Kamal
2)BOUHELAL, Rochdi
3)BUEHLMAYER, Peter
4)GUERINI, Danilo

(57) Abstract :

The present invention relates to agonists of the S1P4 receptor, which are selective for the S1P4 receptor over one or more of the S1P1, S1P2, S1P3 or S1P5 receptors of at least 10 fold, in particular new indol-alanine derivatives of structure (I), process for their production, their uses, in particular in transplantation, and pharmaceutical compositions containing them (I) wherein R1 is phenyl or naphthyl, wherein phenyl is substituted by one or two of halogen, C1-6alkyl, C1-6alkoxy or phenylC1-6alkyl; and R2 is hydrogen or C1-6alkyl; in free or salt form.

(54) Title of the invention : NEW HETEROCYCLIC COMPOUNDS, A PROCESS FOR THEIR PREPARATION AND THEIR USE AS DYES AND PIGMENTS

(51) International classification	:C07D 407/04	(71)Name of Applicant :
(31) Priority Document No	:228/MAS/2003	1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(32) Priority Date	:19/03/2003	Address of Applicant :Klybeckstrasse 141, CH-4057 Basel Switzerland
(33) Name of priority country	:India	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/50276	1)ADAM, Jean-Marie
Filing Date	:10/03/2004	2)DALVI, Pramod V.
(87) International Publication No	:WO/04/089941	3)EKKUNDI, Vadiraj Subbanna
(61) Patent of Addition to Application Number	:NA	4)BACHER, Jean-Pierre
Filing Date	:NA	5)SREENIVASAN, Ramaswami
(62) Divisional to Application Number	:NA	6)RANE, Deepak M.
Filing Date	:NA	

(57) Abstract :

Compounds of formula (I) wherein R¹ is hydrogen, hydroxy, halogen, nitro, cyano, amino, carboxy, carboxylic ester, sulfo, sulfonic ester, carboxylic amide, sulfonic amide, alkylthio, arylthio, alkoxy or aryloxy, R'¹ is hydrogen, hydroxy, halogen, nitro, cyano, amino, carboxy, carboxylic ester, sulfo, sulfonic ester, carboxylic amide, sulfonic amide, alkylthio, arylthio, alkoxy or aryloxy, X is -O-, -S-, -NH- or -N(alkyl)-, X' is -O-, -S-, -NH- or -N(alkyl)-, Y is hydrogen or carboxylic ester, Y' is hydrogen or carboxylic ester, Z is =C- or =N-, Z' is =C- or =N-, x is 0 or 1, when Z is =N-, then x is 0, y is 0 or 1, when Z' is =N-, then y is 0, A is a conjugated linking bridge of the formula wherein n is 0, 1, 2 or 3, m is 0, 1, 2 or 3, B is a phenyl ring, T is =C(R₃)- or =N-, wherein R₃ is hydrogen, C₁-C₁₂alkyl or CN, W is a heterocyclic, or linear or polycondensed aromatic group which is unsubstituted or substituted by alkyl, halogen, hydroxy, alkoxy, alkylthio or amino, G is -CH= or -N=, and R₂ is hydrogen, alkyl, halogen, hydroxy, alkoxy, alkylthio or amino, their preparation and their use in the production of coloured plastics or polymeric color particles.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2685/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ORGANIC COMPOUNDS

(51) International classification :C07D263/58,235/30,498/04
(31) Priority Document No :0401334.8
(32) Priority Date :21/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/000540
Filing Date :20/01/2005
(87) International Publication No :WO/2005/070906
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland
(72)**Name of Inventor :**
1)PRESS, Neil, John
2)BROWN, Lyndon, Nigel
3)LEBLANC, Catherine
4)MCCARTHY, Clive
5)PORTER, David
6)SOLDERMANN, Nicolas

(57) Abstract :

Compounds of formula (I) in free or salt form, where Y, R1, R2, R3, R4 and R5 have the meanings as indicated in the specification, are useful for treating conditions that are mediated by the CXCR2 receptor. Pharmaceutical compositions that contain the compounds and a process for preparing the compounds are also described.

(54) Title of the invention : HOST MATERIAL FOR ORGANIC ELECTROLUMINESCENT ELEMENT AND ORGANIC ELECTROLUMINESCENT ELEMENT

(51) International classification	:H05B33/14,C09K11/06	(71)Name of Applicant :
(31) Priority Document No	:2004-012630	1)IDEMITSU KOSAN CO., LTD.
(32) Priority Date	:21/01/2004	Address of Applicant : 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo,
(33) Name of priority country	:Japan	1008321 Japan
(86) International Application No	:PCT/JP2005/000522	(72)Name of Inventor :
Filing Date	:18/01/2005	1)NAKAMURA, Hiroaki
(87) International Publication No	:WO/2005/072017	2)ARAKANE, Takashi
(61) Patent of Addition to Application Number	:NA	3)IWAKUMA, Toshihiro
Filing Date	:NA	4)IKEDA, Kiyoshi
(62) Divisional to Application Number	:NA	5)IKEDA, Hidetsugu
Filing Date	:NA	6)KUBOTA, Mineyuki

(57) Abstract :

A compound for obtaining an organic electroluminescence device having a long life of light emission and exhibiting excellent heat resistance is provided. The compound is a host material for organic electroluminescence devices comprising a carbazole derivative represented by the following general formula [I]. In general formula [I], one of R1 and R2 represents a group expressed by the following formula [11], and the other represents the group expressed by formula [II], hydrogen atom or an aryl group having 6 to 50 nuclear carbon atoms. Ar represents a substituted or unsubstituted aryl group having 6 to 60 nuclear carbon atoms, a case where Ar represents phenyl group, 4-biphenyl group, 4-terphenyl group or 4-quaterphenyl group is excluded and, when R1 represents hydrogen atom and R2 represents the group expressed by formula [11], a case where Ar represents 3,5-diphenylphenyl group is excluded.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2687/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPLANTABLE GRAFT TO CLOSE A FISTULA

(51) International classification :A61B17/00

(31) Priority Document No :60/538,365

(32) Priority Date :21/01/2004

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

(86) International Application No :PCT/US2005/001847

Filing Date :21/01/2005

(87) International Publication No :WO/2005/070302

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)COOK INCORPORATED

Address of Applicant : 750 N. Daniels Way, Bloomington, IN 47404

U.S.A.

(72)Name of Inventor :

1)ARMSTRONG, David, Nigel.

(57) Abstract :

An implantable graft, which may be inserted into a fistula tract to occlude the primary opening of the fistula, is provided. The graft may have a curved, generally conical shape with a trumpet-like head end that continuously tapers to a smaller tail end. The graft may be an integral unit made of a single material, such as a heterograft material. Methods of closing single and multiple fistulae are also provided.

(54) Title of the invention : FUNCTIONALIZED ELASTOMER COMPOSITIONS

(51) International classification :C08G81/02
 (31) Priority Document No :60/538,355
 (32) Priority Date :22/01/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/002077
 Filing Date :21/01/2005
 (87) International Publication No :WO/2005/073283
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :

1)DOW GLOBAL TECHNOLOGIES INC.

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(72)Name of Inventor :

1)KUHLMAN, Roger, L.**2)WENZEL, Timothy, T.****3)CHEUNG, Yunwa, W.****4)HUSTAD, Phillip, D.****5)CARNAHAN, Edmund, M.****6)BRIGGS, John, R.****7)JAZDZEWSKI, Brian, A.****8)LIANG, Wenbin****9)MORI, Roji****10)KIZU, Kouichi****11)KAWAHARA, Nobuo****12)MATUSO, Shingo****13)KOJOH, Shinichi****14)KASHIWA, Norio**

(57) Abstract :

Abstract The present invention relates to olefinic compositions comprising a functionalized branched olefin copolymer containing functionalized sidechains derived from olefin and at least one chain end nucleophilic heteroatom containing functional group with at least one protic hydrogen, optionally with one or more copolymerizable monomers, the copolymer characterized by having A) a $T_g < -10$ DEG C as measured by DSC; B) a $T_m > 100$ DEG C; C) an elongation at break of greater than or equal to 500 percent; D) a Tensile Strength of greater than or equal to 1,500 psi (10,300 kPa) at 25 DEG C; E) a TMA temperature > 80 DEG C, and F) an elastic recovery of greater than or equal to 50 percent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2689/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CEMENT CLINKER PRODUCTION COMPRISING PARTIAL REMOVAL OF A FLOW OF ROTARY KILN EXHAUST GAS CONTAINING HARMFUL SUBSTANCES

(51) International classification	:C04B7/36
(31) Priority Document No	:10 2004 003 068.5
(32) Priority Date	:21/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000476
Filing Date	:19/01/2005
(87) International Publication No	:WO/2005/070845
(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 : Dillenburger Strasse 69, D-51105 Köln Germany

(72)**Name of Inventor :**
1)MEYER, Hans-Wilhelm
2)STREIT, Norbert
3)ECKERT, Carsten

(57) Abstract :

The aim of the invention is to create a bypass system for a cement clinker production line, which is characterized by particularly low investment costs and operating costs, thus being economically favorable. Said aim is achieved by installing the bypass system in such a way that the capacity of pre-existing system filters such as the main exhaust gas filter and/or the cooler exhaust filter can also be used for treating the bypass gas flow.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2690/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SOLID DOSAGE FORM

(51) International classification	:A61J3/00,A61K9/20	(71)Name of Applicant :
(31) Priority Document No	:04001328.6	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:22/01/2004	Address of Applicant : Grenzacherstrasse 124, CH-4070 Basel
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:PCT/EP2005/000268	(72)Name of Inventor :
Filing Date	:13/01/2005	1)ALEX, Rainer
(87) International Publication No	:WO/2005/070367	2)ROTHENHAEUSLER, Benno
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A solid dosage form (1) comprising a predefined magnetic pattern (2), representing information. The dosage form (1) may be an oral dosage form such as a tablet or a capsule, and the magnetic pattern (2) may be invisible. The information contained in the magnetic pattern (2) may be coded.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2691/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FORGED KNURLED SOCKET HOUSING AND METHOD OF MANUFACTURE

(51) International classification	:B21K1/76,F16C11
(31) Priority Document No	:60/531,826
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043441
Filing Date	:22/12/2004
(87) International Publication No	:WO/2005/062956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)FEDERAL-MOGUL CORPORATION
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48034 U.S.A.
(72)**Name of Inventor :**
1)PARKER, Glen, C.

(57) Abstract :

Abstract A method for manufacturing a cartridge-type housing for a ball and socket joint in a vehicular suspension system comprises the steps of inserting a housing blank into a forging tool die, expanding the housing blank within the forging tool die using a forging tool punch, and forming knurls on an exterior surface of the housing during the expanding step. The ball and socket joint assembly thus formed comprises a housing having an interior socket and an exterior surface at least partially knurled for press fit into a mating first suspension part, such as a control arm. A ball is rotatably seated within the socket to provide an articulating joint. A mounting shank extends from the ball, outwardly from the housing, for attaching to a second suspension component, such as a suspended wheel. The housing, together with its knurls, is formed in a forging tool. As distinguished from the prior art technique of machining, knurls formed in the forging process allow economical, high-volume production. In addition, the forging technique allows greater design flexibility to place knurls in surface configurations previously unattainable or impractical with conventional machining techniques.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2692/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS AND APPARATUS FOR REDUCING ERROR FLOORS IN MESSAGE PASSING DECODERS

(51) International classification	:H03M13/00
(31) Priority Document No	:60/531,808
(32) Priority Date	:22/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/042849
Filing Date	:17/12/2004
(87) International Publication No	:WO/2005/062840
(61) 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 Flarion Technologies Inc.
Address of Applicant : 2711 Centerville Road Suite 400, City of
Wilmington, U.S.A.
(72)**Name of Inventor :**
1)RICHARDSON, Tom

(57) Abstract :

Abstract An iterative message passing decoder, e.g., an LDPC decoder, operating in conjunction with a soft input - soft output signal processing unit, e.g., an ISI detector, has an error floor performance region influenced by the decoder's suboptimal message passing nature. Error floor reduction is achieved by a simple message re-initialization mechanism. Decoder edge states, e.g., constraint to variable node messages in decoder memory, are reinitialized, e.g., for an iteration, during the decoding after soft values provided by signal processing unit have improved. During the message re-initialization and for some subsequent amount of iterative decoder processing, extrinsic information fed back from the decoder to the signal processing unit and/or soft values delivered to the decoder from the signal processing unit, in an outer communications loop, is temporarily frozen, e.g., using a switch and a buffer. Then, the outer communications loop is restored as the decoding continues, achieving improved decoding performance.

(54) Title of the invention : ADHESIVE TAPE FOR STRUCTURAL BONDING

(51) International classification	:C09J7/02,B32B7/04	(71)Name of Applicant :
(31) Priority Document No	:04075136.4	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:22/01/2004	Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul,
(33) Name of priority country	:EUROPEAN UNION	Minnesota 55133-3427 U.S.A.
(86) International Application No	:PCT/US2005/001560	(72)Name of Inventor :
Filing Date	:21/01/2005	1)SIKKEL, Bernardus, J.
(87) International Publication No	:WO/2005/073330	2)BRANDYS, Frank, A.
(61) Patent of Addition to Application Number	:NA	3)CHEN, Pei-Jung
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract An adhesive tape for bonding components such as, for example, in a motor vehicle. The adhesive tape comprises a non-perforated or perforated metal layer having opposite first and second major sides, each of the first and second major sides having an adhesive layer defining an adhesive surface on the first and second major sides. The adhesive layer on the first and second major sides comprises domains of pressure sensitive adhesive and domains of an activatable adhesive composition. Each of the domains define a part of the surface of the adhesive layer. A method of adhering components of motor vehicles together. The method comprises (i) providing an adhesive tape between the components to be adhered together, the adhesive tape comprising opposite first and second major adhesive surface, each of the first and second major adhesive surface being defined by an adhesive layer that comprises domains of pressure sensitive adhesive and domains of an activatable adhesive composition, each of the domains defining a part of the surface of the adhesive layer; and (ii) cross-linking the domains of activatable adhesive composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2694/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BICYCLO[3.3.1]NONANES AND BICYCLO[3.3.1]NONENES AND THEIR USE AS FLAVOUR OR FRAGRANCE INGREDIENT

(51) International classification	:C07C49/653,49/633,43/188,35/23	(71) Name of Applicant :
(31) Priority Document No	:0401187.0	1)GIVAUDAN SA
(32) Priority Date	:21/01/2004	Address of Applicant : Chemin de la Parfumerie 5, CH-1214 Vernier
(33) Name of priority country	:U.K.	Switzerland
(86) International Application No	:PCT/CH2005/000014	(72) Name of Inventor :
Filing Date	:14/01/2005	1)GRANIER, Thierry
(87) International Publication No	:WO/2005/070860	2)HANHART, Andreas
(61) Patent of Addition to Application	:NA	3)BAJGROWICZ, Jerzy, A.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to substituted bicyclo[3.3.1]nonanes and bicyclo[3.3.1]nonenes of formula (I) wherein R, and R1 to R5 have the same meaning as described in the specification.

(54) Title of the invention : PRODUCTION OF A MONOCLONAL ANTIBODY IN A HETEROKARYON FUNGUS OR IN A FUNGAL HOST CELL

(51) International classification	:C07K16/00,C12N15/80,1/15	(71) Name of Applicant :
(31) Priority Document No	:PA 2004 00077	1)NOVOZYMES A/S
(32) Priority Date	:21/01/2004	Address of Applicant : Krogshøjvej 36, DK-2880 Bagsværd Denmark
(33) Name of priority country	:Denmark	(72) Name of Inventor :
(86) International Application No	:PCT/DK2005/000035	1)LEHMBECK, Jan;
Filing Date	:20/01/2005	2)WAHLBOM, Fredrik;
(87) International Publication No	:WO/2005/070962	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to methods for producing a monoclonal antibody in a hetero-karyon fungus or in a fungal host cell. Furthermore, it also relates to a nucleic acid construct a first nucleic acid sequence encoding a light chain of an antibody and a third nucleic acid sequence encoding a signal peptide heterologous to the first nucleic acid sequence, a nucleic acid construct comprising a first nucleic acid sequence encoding a heavy chain of an antibody and a third nucleic acid sequence encoding a signal peptide heterologous to the first nucleic acid sequence, a nucleic acid construct comprising a first nucleic acid sequence encoding a light chain of an antibody and a second nucleic acid sequence encoding a cellulose binding domain, and a nucleic acid construct comprising a first nucleic acid sequence encoding a heavy chain of an antibody and a second nucleic acid sequence encoding a cellulose binding domain.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2696/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DYE MIXTURES

(51) International classification	:C09B67/22
(31) Priority Document No	:10/762,023
(32) Priority Date	:21/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/050104
Filing Date	:12/01/2005
(87) International Publication No	:WO/2005/071016
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CIBA SPECIALTY CHEMICALS HOLDING INC.
Address of Applicant : Klybeckstrasse 141, CH-4057 Basel Switzerland

(72)**Name of Inventor :**
1)Bruce Owen GRIFFIN,
2)Jack Thurman LARKINS, JR.,
3)Margo Roome ATKINS,

(57) Abstract :

Abstract The present invention discloses mixtures of dyes, dye compositions comprising them and the use of said mixtures and compositions, optionally in combination with UV absorbers, to dye or print textile materials, particularly hydrophobic textile materials such as polyester, that must meet stringent Highs fastness requirements. Fibers dyed with the inventive dye mixtures exhibit exceptional high temperature light fastness and good all-round fastness properties.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2697/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR THE MANUFACTURE OF NONWOVEN SUREFACES

(51) International classification :C08G69/40,83/00,D01F6/80,1/09,6/90
(31) Priority Document No :0400606
(32) Priority Date :22/01/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/000125
Filing Date :20/01/2005
(87) International Publication No :WO/2005/080471
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RHODIA CHIMIE
Address of Applicant : 26, quai Alphonse le Gallo, F-92512 Boulogne-Billancourt France
(72)**Name of Inventor :**
1)DURAND, Roland
2)BORDES, Bertrand
3)HELFT, Matthieu
4)VERGELATI, Caroll

(57) Abstract :

Abstract The invention relates to a novel method for the production of non-woven surfaces. in particular, a method for the production of non-woven surfaces by the process of direct spinning of molten filaments arranged in the form of a mat. Said method makes use of a composition of thermoplastic polymers with an electrical conductivity sufficient to either avoid the build-up of electrostatic charges, or to permit the removal thereof during the spinning process.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2698/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LUBRICATING BASE OIL WITH HIGH MONOCYCLOPARAFFINS AND LOW MULTICYCLOPARAFFINS

(51) International classification :C10M101/02,C10G45/58,71/00 (31) Priority Document No :10/744,870 (32) Priority Date :23/12/2003 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2004/041165 Filing Date :17/11/2004 (87) International Publication No :WO/2005/066319 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)CHEVRON U.S.A. INC. Address of Applicant : 6001 Bollinger Canyon Road, Building T, 3rd Floor, San Ramon, CA 94583 U.S.A. (72)Name of Inventor : 1)ABERNATHY, Susan, M. 2)KRAMER, David, C. 3)ROSENBAUM, John, M. 4)MILLER, Stephen, J. 5)KRUG, Russell, R.

(57) Abstract :

A composition of lubricating base oil having a weight percent of all molecules with at least one aromatic function less than 0.30, a weight percent of all molecules with at least one cycloparaffin function greater than 10, and a ratio of weight percent of molecules with monocycloparaffins to weight percent of molecules with multicycloparaffins greater than 15.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2699/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING A ETHYLAMINE

(51) International classification :C07C209/16,29/76,C12P7/06 (31) Priority Document No :10361503.2 (32) Priority Date :23/12/2003 (33) Name of priority country :Germany (86) International Application No :PCT/EP2004/014588 Filing Date :22/12/2004 (87) International Publication No :WO/2005/063681 (61) 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 AKTIENGESELLSCHAFT Address of Applicant : D-67056 Ludwigshafen Germany (72)Name of Inventor : 1)MEIER, Anton 2)MELDER, Johann-Peter 3)GERLACH, Till 4)HAESE, Frank 5)MELDER, Johann-Peter

(57) Abstract :

Method for producing an ethylamine Abstract Process for preparing an ethylamine by reacting ethanol with ammonia, a primary amine or a secondary amine in the presence of hydrogen and a heterogeneous catalyst, in which a biochemically prepared ethanol (bioethanol) in which the concentration of sulfur and/or sulfur-containing compounds has been reduced beforehand by bringing it into contact with an adsorbent is used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2700/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :19/10/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : 4-(4-TRANS-HYDROXYCYCLOHEXYL)AMINO-2-PHENYL-7H-PYRROLO[2,3-d]PYRIMIDINE HYDROGEN MESYLATE AND ITS POLYMORPHIC FORMS

(51) International classification	:C07D 487/04
(31) Priority Document No	:03101093.7
(32) Priority Date	:22/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2004/050573
Filing Date	:22/04/2004
(87) International Publication No	:WO/2004/094428
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SOLVAY PHARMACEUTICALS GMBH
Address of Applicant :Hans-Böckler-Allee 20, D-30173 Hannover (DE)
Germany
(72)**Name of Inventor :**
1)HEINRICH, Timo
2)HEINRICH, Timo

(57) Abstract :

The present invention relates to the novel compound 4- (4-trans-hydroxycyclohexyl)amino-2-phenyl-7H-pyrrolo[2,3d]pyrimidine hydrogen mesylate, the polymorphic forms thereof and a method for the production of said compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2700/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INKJET PRINTER SYSTEM WITH REMOVABLE CARTRIDGE

(51) International classification	:B41J2/01,B81B7/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/AU2004/000072
Filing Date	:21/01/2004
(87) International Publication No	:WO/2005/070675
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SILVERBROOK RESEARCH PTY LTD
Address of Applicant : 393 Darling Street, Balmain, New South Wales
2041 Australia
(72)**Name of Inventor :**
1)SILVERBROOK, Kia
2)JACKSON, Garry, Raymond

(57) Abstract :

ABSTRACT A printer cartridge for an inkjet printer including a printing fluid storage means and a pagewidth printhead in communication with said printing fluid storage means. The inkjet printer including a cradle unit having a body complementary to the removable printer cartridge; a data connection point fast with the body for receiving data signals defining images for printing from an external data source; and a processing means coupled to the data connection point and arranged to operate the pagewidth printhead in response to the data signals to print said images

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2701/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CARTRIDGE UNIT HAVING NEGATIVELY PRESSURIZED INK STORAGE

(51) International classification :B41J2/175 (31) Priority Document No :10/760,254 (32) Priority Date :21/01/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/AU2004/001790 Filing Date :20/12/2004 (87) International Publication No :WO/2005/070678 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)SILVERBROOK RESEARCH PTY LTD Address of Applicant : 393 Darling Street, Balmain, New South Wales 2041 Australia (72)Name of Inventor : 1)SILVERBROOK, Kia 2)NAKAZAWA, Akira 3)HIBBARD, Christopher 4)MACKEY, Paul, Ian 5)BERRY, Norman, Micheal 6)JACKSON, Garry, Raymond

(57) Abstract :

ABSTRACT A cartridge unit 10 for an inkjet printer, with an ink storage compartment 46 and an ink feed system 30 for connection to a printhead 22. The ink storage compartment has a displaceable wall section 48 so that its variable storage volume 46 is variable. The displaceable wall 48 is biased 54 toward expanding the variable storage volume 46 so that there is a negative pressure in the ink storage volume 46, such that ink does not inadvertently leak from the ink ejection nozzles. Without negative pressure, an ink meniscus can bulge from the nozzles. The meniscus will 'pin' itself to the edge of the nozzle aperture and may be strong enough to stop ink leakage. However, paper dust or other contaminants will eventually stop the bulging meniscus from pinning itself on the nozzle rim and leakage occurs. A negative pressure in the ink storage volume makes the meniscus invert back into the nozzle aperture. As the meniscus does not bulge out of the nozzle, paper dust on the nozzle surface does not break the surface tension to cause leakage. Fig. 44 to accompany the Abstract. 218

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2702/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL PHENYLALANINE DERIVATIVE

(51) International classification :C07D239/95,403/04,487/04,471/04
(31) Priority Document No :2003-425347
(32) Priority Date :22/12/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/019704
Filing Date :22/12/2004
(87) International Publication No :WO/2005/061466
(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)OKUZUMI, Tatsuya

3)YAMADA, Tatsuhiko

4)KAGEYAMA, Shunsuke

5)SHIMA, Yoichiro

6)NAKAGAWA, Tadakiyo

7)TOKUMASU, Munetaka

8)SUGIKI, Masayuki

9)ITO, Hajime

10)TANABE, Itsuya

11)SUZUKI, Tamotsu

12)NAKAYAMA, Akira

13)UBUKATA, Kazuyuki

14)SHINKAI, Kenji

15)TANAKA, Yasuhiro

16)NOGUCHI, Misato

17)ANDOU, Ayatoshi

18)YAMAMOTO, Yoriko

19)KATAOKA, Noriyasu

20)FUJITA, Koichi

(57) Abstract :

Abstract Specific phenylalanine derivatives and analogues thereof have an antagonistic activity to α 4 integriin. They are used as therapeutic agents for various diseases concerning α 4 integrin.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2703/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INKJET PRINTER UNIT HAVING A HIGH SPEED PRINT ENGINE

(51) International classification	:B41J2/155
(31) Priority Document No	:10/760,254
(32) Priority Date	:21/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2004/001789
Filing Date	:20/12/2004
(87) International Publication No	:WO/2005/070677
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SILVERBROOK RESEARCH PTY LTD
Address of Applicant : 393 Darling Street, Balmain, NSW 2041 Australia

(72)**Name of Inventor :**
1)SILVERBROOK, Kia
2)NAKAZAWA, Akira
3)HIBBARD, Christopher
4)MACKEY, Paul, Ian
5)MACKEY, Paul, Ian
6)BERRY, Norman, Micheal
7)JACKSON, Garry, Raymond

(57) Abstract :

An inkjet printer unit comprising: a media input tray for supplying print media for printing; a print engine for printing an image on said print media; and a media output tray for collecting the printed media; wherein the print engine comprises a removable inkjet cartridge of a type having a pagewidth printhead and an ink supply and a cradle having a body adapted to receive the removable inkjet cartridge and to control the operation of the printhead for printing.

(54) Title of the invention : COMPRESSED WOOD PRODUCT AND ELECTRONIC DEVICE EXTERIOR MATERIAL

(51) International classification	:B27M1/02
(31) Priority Document No	:2004-013240
(32) Priority Date	:21/01/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/001158
Filing Date	:21/01/2005
(87) International Publication No	:WO/2005/070632
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)OLYMPUS CORPORATION
Address of Applicant : 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo
1510072 Japan
(72)Name of Inventor :
1)SUZUKI, Tatsuya

(57) Abstract :

ABSTRACT A compressed wood product includes a wood whose shape is taken while a volume decreased by compression is previously added, a direction along a fiber direction L of the wood is set to a compression direction, and the wood is formed by being subjected to compressive force. For example, a wood (1) is obtained that includes a main plate portion (1a) in which a surface revealing itself in a thickness (W1) direction has an end grain surface and a side plate portion (1b) provided while rising from the main plate portion (1a). The shape of the main plate portion (1a) is taken with a thickness (W1) to which the volume decreased by the compression is previously added, and the shape of the side plate portion (1b) is taken with a thickness (W2) and a height (T1) to which the volume decreased by the compression is previously added. The direction intersecting the fiber direction (L) that is of the thickness (W1) direction of the main plate portion (1a) is set to the compression direction with respect to the wood (1), and the wood (1) is subjected to the compressive force.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2705/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPRESSED WOOD PRODUCT AND ELECTRONIC DEVICE EXTERIOR MATERIAL

(51) International classification	:B27M1/02	(71)Name of Applicant :
(31) Priority Document No	:2004-013237	1)OLYMPUS CORPORATION
(32) Priority Date	:21/01/2004	Address of Applicant : 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo
(33) Name of priority country	:Japan	1510072 Japan
(86) International Application No	:PCT/JP2005/001279	(72)Name of Inventor :
Filing Date	:21/01/2005	1)SUZUKI, Tatsuya
(87) International Publication No	:WO/2005/070634	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A compressed wood product includes a wood whose shape is taken while a volume decreased by compression is previously added, a direction intersecting a fiber direction (L) of the wood is set to a compression direction, and the wood is formed by being subjected to compressive force. For example, a wood (1-1) is obtained which includes a main plate portion (1a) in which a surface emerging in a thickness (W1) direction has a flat-grain surface and a side plate portion (1b) provided while rising from the main plate portion (1a). The shape of the main plate portion (1a) is taken with a thickness (W1) to which the volume decreased by the compression is previously added, and the shape of the side plate portion (1b) is taken with a thickness (W2) and a height (T1) to which the volume decreased by the compression is previously added. The direction (M) in which grains (G) are laminated and the direction intersecting the fiber direction (L) are set to the compression direction with respect to the wood (1-1), and the wood (1-1) is subjected to the compressive force.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2706/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MOTION IMAGE CODING APPARATUS, AND CONTROL METHOD AND PROGRAM OF THE APPARATUS

(51) International classification	:H04N7/32	(71)Name of Applicant :
(31) Priority Document No	:2003-425826	1)CANON KABUSHIKI KAISHA
(32) Priority Date	:22/12/2003	Address of Applicant : 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2004/018666	(72)Name of Inventor :
Filing Date	:08/12/2004	1)MAEDA, Mitsuru
(87) International Publication No	:WO/2005/062624	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A motion detector detects the motion of an imaging device. On the basis of the detected motion information, a selector selects, from a plurality of frame memories for storing a plurality of frame data, a frame memory for storing reference frame data to be referred to when frame data to be coded is coded. A motion estimator estimates a motion vector on the basis of the reference frame data stored in the selected frame memory and the frame data to be coded. The frame data to be coded is coded by using the estimated motion vector, and the coded data is output.

(54) Title of the invention : METHOD OF INCREASING BOOT-UP SPEED

(51) International classification	:G06F9/445	(71)Name of Applicant :
(31) Priority Document No	:04100183.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:21/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050007	(72)Name of Inventor :
Filing Date	:03/01/2005	1)LAMBERT, Nicolaas
(87) International Publication No	:WO/2005/071538	2)JOCHEMSEN, Robert
(61) Patent of Addition to Application Number	:NA	3)FONTIJN, Wilhelmus, F., J.
Filing Date	:NA	4)DENISSEN, Adrianus, J., M.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract There is provided a method of increasing boot-up speed in a Computer system (10). The system (10) includes Computing devices (20) for processing data and a data store (60) coupled thereto for providing data to and receiving data from the devices (20). The store (60) is operable to write and/or read data in several regions (T1, T2, T3) of a data medium (200). Access between the regions is subject to associated jump delays (SKI/2, SK2/3; SKI/3, SL3/2). The store (60) includes a cache (320) for temporarily storing data read from and/or for writing data to the medium (200). On initial boot-up of the system (20), a log is made of a sequence in which the regions (T1, T2, T3) are accessed. Moreover, on subsequent boot-up of the system (10), the log is used to store data read from the medium (200) temporarily in the cache (310, 320) so as to provide for a more temporally efficient sequence of accessing the regions (T1, T2, T3) for speeding up said subsequent boot-up.

(54) Title of the invention : METHOD OF SPATIAL AND SNR FINE GRANULAR SCALABLE VIDEO ENCODING AND TRANSMISSION

(51) International classification	:H04N7/26,7/50,7/46	(71) Name of Applicant :
(31) Priority Document No	:04300033.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:21/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000088	(72) Name of Inventor :
Filing Date	:14/01/2005	1)KIRENKO, Ihor
(87) International Publication No	:WO/2005/081532	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The invention relates to a method of coding video data available in the form of a first input stream of video frames, and to a corresponding coding device. This method, implemented for instance in three successive stages (101, 102, 103), comprises the steps of (a) encoding said first input stream to produce a first coded base layer stream (BL1) suitable for a transmission at a first base layer bitrate ; (b) based on said first input stream and a decoded version of said encoded first base layer stream, generating a first set of residual frames in the form of a first enhancement layer stream and encoding said stream to produce a first coded enhancement layer stream (EL1); and (c) repeating at least once a similar process in order to produce further coded base layer streams (BL2, BL3,...) and further coded enhancement layer streams (EL2, EL3,...). ■ The first input stream is thus, for obtaining a required spatial resolution, compressed by encoding the base layers up to said spatial resolution with a lower bitrate and allocating a higher bitrate to the last base layer and/or to the enhancement which corresponds to said required spatial resolution. A corresponding transmission method is also proposed. Fig. 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2709/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A DYNAMICALLY RECONFIGURABLE SIGNAL PROCESSING APPARATUS AND METHOD FOR USE IN A HIGH SPEED DIGITAL COMMUNICATION SYSTEM

(51) International classification	:H04B1/38	(71) Name of Applicant :
(31) Priority Document No	:60/538,275	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:22/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050258	(72) Name of Inventor :
Filing Date	:21/01/2005	1)VAIDYANATHAN, Krishnamurthy
(87) International Publication No	:WO/2005/071850	2)WITTIG, Karl, R.
(61) Patent of Addition to Application Number	:NA	3)BURNS, Geoffrey, F.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A dynamically reconfigurable signal processing apparatus (158c) is disclosed. The signal processing apparatus (158c) includes at least one System Controller (170) for detecting a change of State in a high speed digital communication system (10). Responsive to the change of State, in one embodiment, signal processing function code is downloaded, in real-time or in near real-time, from an external memory (130) to be processed in an array-type processor (120). In another embodiment, signal processing function code for a plurality of signal processing functions are pre-stored in the array-type processor (120) and are switch selectable in response to a change of system state thereby obviating the need to download signal processing function code.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2710/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A PRETENSIONER WITH CHAIN-LIKE ACTUATING BODIES AND A METHOD OF PRETENSIONING

(51) International classification :B60R22/46

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/IB2003/006327

Filing Date :23/12/2003

(87) International Publication No :WO/2005/066001

(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)NAG, Bijon

2)RANGARAJAN, Sudarsanam

3)SHETTY, Vijay, Krishnappa

(57) Abstract :

Abstract The present invention provides a pretensioner device for seat belts. The present invention further provides a pretensioner device with actuating bodies forming a chain on actuation to provide a drive for the retraction of seat belt and said actuating bodies getting detached as individual units on completion of the pretensioning of the seat belt. The present invention also provides a method of pretensioning by using chain-like actuating bodies.

(54) Title of the invention : METHOD FOR RECORDING INFORMATION ON A RECORD MEDIUM, RECORD MEDIUM CONTAINING INFORMATION, AND METHOD AND DEVICE FOR READING INFORMATION FROM A RECORD MEDIUM

(51) International classification	:G11B20/12,G11B2710	(71) Name of Applicant :
(31) Priority Document No	:03104912.5	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : GROENEWOUDSEWEG 1, NL-5621 BA
(33) Name of priority country	:EUROPEAN UNION	EINDHOVEN. Netherlands
(86) International Application No	:PCT/IB2004/0528230	(72) Name of Inventor :
Filing Date	:16/12/2004	1)VAN GESTEL, WILHELMUS, J.
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A method is described for recording an audiovisual information stream comprising a plurality of alternative parts (VS1; VS2; VS3) and at least one common part (AS1; AS2; GS1; GS2), wherein the alternative parts of the information stream are recorded in an interleaved manner. Each of the alternative information stream parts is divided into alternative information stream blocks (VSB1(i); VSB2(i); VSB3(i)). Each of the common information stream parts is divided into common information stream blocks (ASB1(i); ASB2(i); GSB1(i); GSB2(i)). The information stream is recorded as a succession of consecutive interleaved units (IU(i)), each interleaved unit comprising one corresponding block (ASB1(i); ASB2(i); GSB1(i); GSB2(i)) of each of the common information stream parts (AS1; AS2; GS1; GS2) and one corresponding block (VSB1(i); VSB2(i); VSB3(i)) of each of the alternative information stream parts (VS1; VS2; VS3), the common information stream blocks being separate from the alternative information stream blocks.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2712/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF SCHEDULING BROADCASTS IN A SELF-ORGANIZING NETWORK

(51) International classification	:H04L12/28
(31) Priority Document No	:03104890.3
(32) Priority Date	:22/12/2003
(33) Name of priority country	:Uruguay
(86) International Application No	:PCT/IB2004/052792
Filing Date	:13/12/2004
(87) International Publication No	:WO/2005/064853
(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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Netherlands
(72)**Name of Inventor :**
1)SISODIA, Rajendra, S.,
2)KOPPALKAR, NITIN,
3) BHOWMICK, ANIMESH.

(57) Abstract :

ABSTRACT: In self-organizing networks, broadcasts comprising presence information, referred to as beacons, are the default mechanism in finding neighboring information, i.e. information on which devices are present in the network of a given device. Such beacons are transmitted periodically from each device. A device has knowledge of the presence of other devices in the network when it receives beacons from them. The method of the invention suggests that a device could skip its subsequent scheduled beacon if all its neighboring devices have received a previous beacon during the same period.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2713/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPATIBLE INTERLACED SDTV AND PROGRESSIVE HDTV

(51) International classification	:H04N7/50	(71)Name of Applicant :
(31) Priority Document No	:03104878.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052692	(72)Name of Inventor :
Filing Date	:07/12/2004	1)BRULS, Wilhelmus, H., A.,
(87) International Publication No	:WO/2005/064948	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A method and an apparatus for efficiently performing spatial scalable compression of video information captured in a plurality of frames including an encoder for encoding and outputting the captured video frames into a compressed data stream is disclosed. A base encoder for encoding an interlaced bitstream having a relatively lower pixel resolution. A spatial enhancement encoder for encoding a differential between a de-interlaced local decoder output from the base layer and an input signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2714/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF AUTOMATICALLY TRANSFERRING ROUTER FUNCTIONALITY

(51) International classification	:H04L12/56	(71)Name of Applicant :
(31) Priority Document No	:03104910.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052681	(72)Name of Inventor :
Filing Date	:07/12/2004	1)NIKOLOVA, Mariana, V.
(87) International Publication No	:WO/2005/064866	2)PU, Xuemei.,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: There is provided a heterogeneous communication network (10) preferably conforming to contemporary IPv4-/IPv6-standards. The network (10) includes several interconnected nodes including one or more candidate devices (100, 110, 130). Moreover, some of the nodes are operable as data routers (60,100, 110). The present invention provides a method for dynamically organizing operation of the routers including using the candidate devices (100, 110) to undertake routing functions where existing routing nodes become inoperable. Moreover, the method utilizes link local router advertisements for the nodes to make their presence known within the network (10). Furthermore, the network (10) employs a watcher to be an arbiter of which of the nodes are permitted to function as routers, and the nodes are arranged to communicate with the watcher if a discrepancy and/or conflict in assignment of router arises during operation. Use of the watcher enables the network (10) to be more robust on account of its routers being dynamically reconfigurable.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2715/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LIQUID CARTRIDGE FOR USE IN A BEVERAGE SYSTEM

(51) International classification	:A47J31/44,B65D81/00	(71)Name of Applicant :
(31) Priority Document No	:03104870.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052858	(72)Name of Inventor :
Filing Date	:20/12/2004	1)VAN DER MEER, Sijtze,
(87) International Publication No	:WO/2005/063093	2)DRENT, Gertjan.,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention relates to a device (1) for preparing a heated liquid for use with a beverage-making appliance (15), said device (1) comprising a liquid transport channel (25) in communication with a liquid reservoir (11) which discharges into a first chamber (26), said first chamber (26) comprising a steam inlet (16) which is connectable to a steam generator (32), and a second chamber (28) which is connected to the first chamber (26) via a restriction (27) and which has a liquid outlet (29), wherein the device for preparing a heated liquid comprises a cartridge (100) in which the liquid reservoir (11), the liquid transport channel (25), the first chamber (26), the steam inlet (16), the restriction (27), the second chamber (28), and the liquid outlet (29) are provided. All components of the device are integrated into one cartridge, so the cartridge can be discarded after use. Thus a hygienic device is provided which is also user-friendly because it does not have to be cleaned after use.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2716/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SOFTWARE EXECUTION PROTECTION USING AN ACTIVE ENTITY

(51) International classification	:G06F1/00	(71)Name of Applicant :
(31) Priority Document No	:03104884.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052674	(72)Name of Inventor :
Filing Date	:06/12/2004	1)GIDALOV, Nikolco.,
(87) International Publication No	:WO/2005/064433	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention relates to encrypting of at least part of a computer program element for enabling protecting execution of said computer program element, comprising extracting at least one static resource of said computer program element (step 102), and encrypting said static resource with a first key (314, step 106), and decrypting of said encrypted static resource, comprising obtaining said static resource (406) encrypted with a first key, in a first entity, providing said encrypted static resource to a second entity (step 208), obtaining said static resource (406) encrypted with a first key (step 218), obtaining a second key (422, step 216), decrypting said encrypted static resource, using said second key (step 222), providing said static resource to the first entity (step 228), and obtaining by said first entity said static resource from the second entity (step 210).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2717/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ETHERNET BASED NETWORK FOR DISTRIBUTING IP AND NON-IP SIGNALS

(51) International classification	:H04L12/28	(71)Name of Applicant :
(31) Priority Document No	:03104915.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052693	(72)Name of Inventor :
Filing Date	:07/12/2004	1)BAKER, Keith.,
(87) International Publication No	:WO/2005/064812	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The present invention relates to a system and a method for distributing both IP signals and non-IP signals in an Ethernet based network, wherein the Ethernet based network comprises UTP cabling comprising a number of wires, the method comprises distributing said non-IP signals through a signal path based on wires comprised in said cabling and not being used for distributing said IP signals. The invention further relates to a gateway, a router and a switch for receiving both IP signals and non-IP signals, processing said IP signals and non-IP signals and transmitting said processed IP signals and non-IP signals via the Ethernet based network.

(54) Title of the invention : METHOD FOR RECORDING INFORMATION ON A RECORD MEDIUM, RECORD MEDIUM CONTAINING INFORMATION, AND METHOD AND DEVICE FOR READING INFORMATION FROM A RECORD MEDIUM

(51) International classification	:G11B27/10,G11B27/32	(71) Name of Applicant :
(31) Priority Document No	:03104908.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052826	(72) Name of Inventor :
Filing Date	:16/12/2004	1)VAN GESTEL, Wilhelmus, J.,
(87) International Publication No	:WO/2005/064612	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A method is described for writing an audio/video information stream to an optical disc(2), and for reading the information from disc. The information stream comprises a plurality of alternative video parts (VS1; VS2; VS3) which are recorded in an interleaved manner; an interleaved unit (IU(i)) comprises a plurality of angle blocks (ABj(i)), each angle block (ABj(l)) comprising one portion (VSj(i)) of each of the alternative video stream parts (VSj). For each video portion, a plurality of entry points (EP) are defined. A user is allowed to change from one video stream (VS2) to another video stream (VS1; VS3) at any moment during the playback of a video portion; the change will be effected at the first entry point after the user command. Thus, it is not necessary to wait until the video portion has been completely played back; thus, it is possible to define large angle block lengths, so that during normal play the jump frequency is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2719/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DATA RECORDING WRITE STRATEGY OPTIMISATION

(51) International classification	:G11B20/10	(71)Name of Applicant :
(31) Priority Document No	:PCT/IB2004/052813	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052813	(72)Name of Inventor :
Filing Date	:15/12/2004	1)LANGEREIS, Gerardus, R.,
(87) International Publication No	:WO/2005/064608	2)MEINDERS, Erwin, R
(61) Patent of Addition to Application Number	:NA	3)HELLMIG, Joachim, W
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The present invention relates to determining at least one write strategy, using a write strategy model comprising first and second parameters, for recording data on a recording medium comprising, providing at least one set of randomised first parameters, (102, step 202), writing at least one test data, 104, pattern by using said at least one set of first randomised first parameters, (102), (106, step 204), reading the recorded test data pattern, (108, step 206) and calculating a set of second parameters, (114),(112, step 208), based on said read test data pattern (110) and the at least one set of first randomised parameters, (102). From the calculated set of second parameters, (114) and the real data to be recorded, 118, sets of first parameters (120) are calculated, (step 210). The real data (118) are recorded (122, step 212) by using the chosen write strategy model.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2720/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :21/10/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANTI-IL-20 ANTIBODIES AND BINDING PARTNERS AND METHODS OF USING IN INFLAMMATION

(51) International classification	:C07K 16/00
(31) Priority Document No	:60/457,481
(32) Priority Date	:24/03/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/008955
Filing Date	:24/03/2004
(87) International Publication No	:WO/2004/085475
(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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3)CHANDRASEKHER, Yasmin, A.

4)DILLON, Stacey, R.

5)LEHNER, Joyce, M.

6)SIADAK, Anthony, W.

7)SIVAKUMAR, Pallavur, V.

8)SIVAKUMAR, Pallavur, V.

9)MOORE, Margaret, D.

(57) Abstract :

The present invention relates to blocking, inhibiting, reducing, antagonizing or neutralizing the activity of IL-20 polypeptide molecules. IL-20 and IL-22 are cytokines that are involved in inflammatory processes and human disease. The present invention includes anti-IL-20 and anti-IL-22RA antibodies and binding partners, as well as methods for antagonizing IL-20 using such antibodies and binding partners.

(54) Title of the invention : PRESERVING PRIVACY WHILE USING AUTHORIZATION CERTIFICATES

(51) International classification	:G06F1/00,H04L9/32	(71)Name of Applicant :
(31) Priority Document No	:03104970.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:24/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052793	(72)Name of Inventor :
Filing Date	:13/12/2004	1)CONRADO, Claudine, V.,
(87) International Publication No	:WO/2005/066735	2)TUYLS, Pim, T
(61) Patent of Addition to Application Number	:NA	3)KAMPERMAN, Franciscus, L., A., J
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention proposes a method to provide privacy for users or a user from a group of users with respect to authorizations they are granted, where such authorizations are expressed using digital authorization certificates, and with respect to domain certificates in case of groups of users. The idea is to conceal the user identity in the certificates, while the certificate itself remains in the clear. In this way, certificates can be widely and openly available, e.g. in a public network, without a random observer being able to link a user to an authorization or to identify a user within a domain. Privacy is also provided towards the certificate verifier by means of zero-knowledge protocols, which are carried out between the user and the verifier in order for the verifier to check a user's entitlement to a certificate. Privacy is further provided towards the certificate issuer as well, by means of a mechanism that allows the anonymous (buying or) issuing of certificates from the issuer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2721/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONTENT- PROCESSING SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR MONITORING THE VIEWER'S MOOD

(51) International classification	:H04N7/173	(71) Name of Applicant :
(31) Priority Document No	:03104879.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/12/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
(86) International Application No	:PCT/IB2004/052621	(72) Name of Inventor :
Filing Date	:01/12/2004	1)CLAASSEN, Arjan.,
(87) International Publication No	:WO/2005/064941	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A content-processing system 100 processes a content 102 for presentation 103 to a user 104. The content-processing system 100 has input means 105 for receiving 106 commands 107 from the user 104 to control 108 the processing operation 101. The content-processing system 100 is arranged to modify 111 the processing operation 101 in dependence on the commands 107 received 106. The content-processing system 100 has a mood detector 109 for detecting a mood 110 of the user 104, to enable tailoring e.g. the content 102 or its presentation 103 to the mood 110 detected. The mood detector 109 is coupled 112 to the input means 105 and detects the mood 110 based on the received 106 commands 107.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2722/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FINISHED LUBRICANTS COMPRISING LUBRICATING BASE OIL WITH HIGH MONOCYCLOPARAFINS AND LOW MULTICYCLOPARAFINS

(51) International classification :C10G71/00,2/00,C10M101/02
(31) Priority Document No :10/743,932
(32) Priority Date :23/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/038849
Filing Date :17/11/2004
(87) International Publication No :WO/2005/066314
(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)ABERNATHY, Susan, M.

2)KRAMER, David, C.

3)ROSENBAUM, John, M.

4)MILLER, Stephen, J.

5)KRUG, Russell, R.

6)ZIEMER, James, N.

7)FARINA, Robert, J.

8)SZTENDEROWICZ, Mark, L.

(57) Abstract :

A process for manufacturing a finished lubricant by: a) performing Fischer-Tropsch synthesis on syngas to provide a product stream; b) isolating from said product stream a substantially paraffinic wax feed having less than about 30 ppm total nitrogen and sulfur, and less than about 1 wt % oxygen; c) dewaxing said feed by hydroisomerization dewaxing using a shape selective intermediate pore size molecular sieve comprising a noble metal hydrogenation component, wherein the hydroisomerization temperature is between about 600 °F (315 °C) and about 750 °F (399 °C), to produce an isomerized oil; and d) hydrofinishing said isomerized oil, whereby a lubricating base oil is produced having specific desired properties; and e) blending the lubricating base oil with at least one lubricant additive.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2723/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMBINED LIGHT SOURCE FOR PROJECTION DISPLAY

(51) International classification	:H04N9/31	(71)Name of Applicant :
(31) Priority Document No	:10/745,000	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:23/12/2003	Address of Applicant : 3M Center, P.O. Box 33427, Saint Paul, MN
(33) Name of priority country	:U.S.A.	55133-3427 U.S.A.
(86) International Application No	:PCT/US2004/039529	(72)Name of Inventor :
Filing Date	:24/11/2004	1)MAGARILL, Simon
(87) International Publication No	:WO/2005/067306	2)ARDASHNIKOV, Boris
(61) Patent of Addition to Application Number	:NA	3)ENGLISH, R., Edward, Jr.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract High pressure mercury arc lamps are commonly used as the illumination source in many projection systems. Such lamps may be deficient in either output power or spectrum, and so it is desirable to combine the light from the lamp with light from a second light generator. The second light generator may be another mercury lamp or a solid state source, such as one or more light emitting diodes. Different ways of combining light from two light generators are described. The second light source may be an arrangement of a number of red LEDs that supplements the red light produced by the mercury light. A tunnel integrator may be used to homogenize the combined light beam and to reduce the angular separation between the light beams from the two light generators.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2724/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DERMALLY AFFIXED SENSOR DEVICE

(51) International classification

:A61B5/00

(31) Priority Document No

:03029565.3

(32) Priority Date

:22/12/2003

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2004/014057

Filing Date

:10/12/2004

(87) International Publication No

:WO/2005/063115

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HADVÁRY, Paul

Address of Applicant : Neumattenweg 8, CH-4105 Biel-Benken
Switzerland

2)HANSJÖRG, Tschirky

(72)Name of Inventor :

1)HADVÁRY, Paul

2)HANSJÖRG, Tschirky

(57) Abstract :

ABSTRACT An improved diagnostic analyte monitoring device has immovable, rigid sensors connected stationarily to control and measuring means and a flexible surface adhering to the skin and serving for the subcutaneous implantation of the sensors, actuated by means designed for easy handling. Concentrationtime profiles of endogenous and exogenous analytes measured with the device are used to improve drug treatment modalities on an individualized basis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2725/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND ROLL STAND FOR MULTIPLY INFLUENCING PROFILES

(51) International classification	:B21B13/00	(71)Name of Applicant :
(31) Priority Document No	:103 61 490.7	1)SMS DEMAG AG
(32) Priority Date	:23/12/2003	Address of Applicant : Eduard-Schloemann-Strasse 4, 40237 Düsseldorf
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2004/013214	(72)Name of Inventor :
Filing Date	:22/11/2004	1)KNEPPE, Günter
(87) International Publication No	:WO/2005/065853	2)ROHDE, Wolfgang
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract When rolling sheets or strips in roll stands using working rolls, which are supported on back-up rolls or on intermediate rolls having back-up rolls, whereby the setting of the roll gap is effected by axially displacing roll pairs provided with curved contours, differences from the required profile occur in the instance of larger widths of a product range due to excessive extensions in the edge areas or in the quarter areas that are manifested in the form of so-called quarter waves in the flatness of the product. In order to rectify this problem by using a simple mechanism and to improve the setting mechanism and the strategy for creating absolutely planar strips with a predetermined thickness profile over the entire width of the rolling stock, the invention provides that for forming the roll gap set profiles (10, 11) for two selected displacing positions, the contours of the rolls of one roll pair are shaped in such a manner that they produce, in the roll gap, a profile (20, 21), which is symmetric with regard to the center of the roll and which has a profile maximum in the center of the roll that can be altered by displacing the rolls, whereas the contours of the rolls of at least one second roll pair produce, in the roll gap, a profile (22, 23), which is symmetric with regard to the center of the roll and which has two identical maxima outside of the center of the roll that can be altered by displacing the rolls.

(54) Title of the invention : VARIABLE VALVE LIFT DEVICE OF INTERNAL COMBUSTION ENGINE

(51) International classification	:F01L13/00	(71)Name of Applicant :
(31) Priority Document No	:2003-426069	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:24/12/2003	Address of Applicant : 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo,
(33) Name of priority country	:Japan	1078556 Japan
(86) International Application No	:PCT/JP2004/019082	(72)Name of Inventor :
Filing Date	:21/12/2004	1)FUJII, Noriaki.,
(87) International Publication No	:WO/2005/061864	2)YONEKAWA, Akiyuki.,
(61) Patent of Addition to Application Number	:NA	3)FUJIMOTO, Tomoya.
Filing Date	:NA	4)NAKAMURA, Katsunori.,
(62) Divisional to Application Number	:NA	5)YOSHIDA, Keiko.
Filing Date	:NA	

(57) Abstract :

ABSTRACT A variable valve lift device of an internal combustion engine is provided in which a first link arm (58) rotatably supported at a fixed position of an engine body is rotatably connected to a rocker arm (31), and a movable support shaft (60) rotatably supporting one end portion of a second link arm (59) of which other end portion rotatably connected to the rocker arm (31) is connected to a crank member (61) formed in a crank shape having crank webs (61a) sandwiching the second link arm (59) from opposite sides, and a connecting part (61c) integrally joining both the crank webs (61a) at a position where interference with the second link arm (59) is avoided. The crank member (61) is rotationally driven with drive means . Thus, an amount of lift of an engine valve is continuously changed, in addition to which, torsional rigidity of the crank member is ensured while ensuring assembly workability of the second link arm to the crank member, and reduction in size is made possible.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2727/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AQUEOUS LIQUID COMPOSITION COMPRISING REACTIVE DYES

(51) International classification	:C09B67/26,C09D11/00	(71) Name of Applicant :
(31) Priority Document No	:04001502.6	1)CLARIANT FINANCE (BVI) LIMITED
(32) Priority Date	:23/01/2004	Address of Applicant : Citco Building, Wickhams Cay, P O Box 662,
(33) Name of priority country	:EUROPEAN UNION	Road Town, Tortola British Virginia
(86) International Application No	:PCT/IB2005/000028	(72) Name of Inventor :
Filing Date	:06/01/2005	1)HASEMANN, Ludwig
(87) International Publication No	:WO/2005/080509	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract An aqueous liquid composition comprising a reactive dye and alkali metal polyacrylates or methacrylates with number average degree of polymerization not exceeding 1000 and 2-(2-Diethylaminoethoxy)ethanol having high storage stability.

(54) Title of the invention : 2-PHENOXY- AND 2-PHENYLSULFOMAMIDE DERIVATIVES WITH CCR3 ANTAGONISTIC ACTIVITY FOR THE TREATMENT OF ASTHMA AND OTHER INFLAMMATORY OR IMMUNOLOGICAL DISORDERS

(51) International classification : C07C 311/29
(31) Priority Document No :03006293.9
(32) Priority Date :24/03/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/002496
Filing Date :11/03/2004
(87) International Publication No :WO/2004/084898
(61) 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 HEALTHCARE AG
Address of Applicant :D-51368,LEVERKUSAN Germany
(72)**Name of Inventor :**
1)LI, Yingfu
2)BACON, Kevin
3)SUGIMOTO, Hiromi
4)FUKUSHIMA, Keiko
5)HASHIMOTO, Kentaro
6)MARUMO, Makiko
7)MORIWAKI, Toshiya
8)NUNAMI, Noriko
9)TSUNO, Naoki
10)URBAHNS, Klaus
11)YOSHIDA, Nagahiro

(57) Abstract :

The present invention relates to a benzenesulfonamide derivative of formula (I), which is useful as an active ingredient of pharmaceutical preparations. The benzenesulfonamide derivatives of the present invention have CCR3 (CC type chemokine receptor) antagonistic activity, and can be used for the prophylaxis and treatment of diseases associated with CCR3 activity, in particular for the treatment of asthma, atopic dermatitis, allergic rhinitis and other inflammatory/immunological disorders. In said formula, X represents O or S; R4 represents formulae (a), (b), (c), (d), (e), (f), (g), (h), (i) or (j), the other substituents are as defined in claim 1.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2728/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANALOGS OF BENZOQUINONE-CONTAINING ANSAMYCINS FOR THE TREATMENT OF CANCER

(51) International classification :C07D225/06,211/60,498/08,C07F5/02
(31) Priority Document No :60/532,080
(32) Priority Date :23/12/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2004/043162
Filing Date :23/12/2004
(87) International Publication No :WO/2005/063714
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INFINITY PHARMACEUTICALS, INC
Address of Applicant : 780 Memorial Drive, Cambridge, MA 02139
U.S.A.
(72)**Name of Inventor :**
1)ADAMS, Julian
2)GAO, Yun
3)GEORGES EVANGELINOS, Asimina, T.
4)GRENIER, Louis
5)PAK, Roger, H
6)PORTER, James, R
7)WRIGHT, James, L

(57) Abstract :

The present invention provides analogs of benzoquinone-containing ansamycins and uses thereof for treating and modulating disorders associated with hyperproliferation, such as cancer (formula (I) and (IV)). The present invention provides analogs of benzoquinone-containing ansamycins where the benzoquinone is reduced to a hydroquinone and trapped by reaction with a suitable acid, preferably ones that increase the solubility and air stability of the resulting (17)-ammonium hydroquinone ansamycin analog.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2729/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SATELLITE MONITORING

(51) International classification	:H04B
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/GB2004/000226
Filing Date	:16/01/2004
(87) International Publication No	:WO/2005/067367
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INMARSAT LTD.
Address of Applicant : 99 City Road, London EC1Y 1AX U.K.
(72)**Name of Inventor :**
1)DRAKOS, Evripides

(57) Abstract :

Abstract A multibeam is configured to transmit a duplicate of a channel from one spot beam in another spot beam, which contains a remote monitoring station. The satellite is reconfigurable to select the channel which is duplicated, allowing the beams of the satellite to be monitored, without the need for a remote monitoring station in each beam.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.273/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METAL COMPLEX COMPOUND AND ORGANIC ELECTROLUMINESCENT DEVICE USING SAME

(51) International classification : C07F 15/00

(31) Priority Document No : 2003-199995

(32) Priority Date :22/07/2003

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2004/010687

Filing Date :21/07/2004

(87) International Publication No :WO/2005/007767

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)IDEMITSU KOSAN CO., LTD.

Address of Applicant :1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo
1008321 Japan

(72)Name of Inventor :

1)OKUDA, Fumio

2)IWAKUMA, Toshihiro

3)YAMAMICHI, Keiko

4)HOSOKAWA, Chishio

(57) Abstract :

Disclosed is a metal complex compound of a specific structure which contains a metal such as iridium. Also disclosed is an organic electroluminescent device comprising an organic thin film layer which is interposed between a pair of electrodes and composed of one or more layers including a light-emitting layer, wherein at least one layer of the organic thin film layer contains the metal complex compound. The organic electroluminescent device emits light when a voltage is applied between the electrodes, and has high luminous efficiency and long life. The metal complex compound is used for realizing such an organic electroluminescent device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2730/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF PRODUCING LOW-DUST GRANULES FROM POLYMER ADDITIVES

(51) International classification	:C08K5/13,3/00,5/00,7/16,13/02,B01J2/00	(71)Name of Applicant :	
(31) Priority Document No	:04100246.0	1)CIBA SPECIALTY CHEMICALS HOLDING INC.	
(32) Priority Date	:23/01/2004	Address of Applicant : Klybeckstrasse 141, CH-4057 Basel Switzerland	
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :	
(86) International Application No	:PCT/EP2005/050140	1)BREITENSTEIN, Benjamin	
Filing Date	:14/01/2005	2)GFRÖRER, Thomas, Georg	
(87) International Publication No	:WO/2005/071008	3)WALDNER, Rolf	
(61) Patent of Addition to		4)LUTZ, Pierre	
Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application			
Number	:NA		
Filing Date	:NA		

(57) Abstract :

Abstract of the Disclosure The invention relates to a technically advantageous method of producing low-dust granules of polymer additives or polymer additive mixtures. The granule-forming polymer additives are mixed together, the mixture is converted into a workable mass and pressed through an orifice. The pre-shaped strand-like extruded mass is cooled and, while still in a workable state, formed into granules by rolling, impressing, cooling and comminuting.

(54) Title of the invention : MIXED MATRIX MEMBRANES WITH LOW SILICA-TO-ALUMINA RATIO MOLECULAR SIEVES AND METHODS FOR MAKING AND USING THE MEMBRANES

(51) International classification :B01D53/22
 (31) Priority Document No :10/745,976
 (32) Priority Date :24/12/2003
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/041568
 Filing Date :10/12/2004
 (87) International Publication No :WO/2005/065152
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)CHEVRON U.S.A. INC.
 Address of Applicant : 6001 Bollinger Canyon Road - 3rd Floor, San Ramon, CA 94583 U.S.A.
 (72)**Name of Inventor :**
1)MILLER, Stephen, J.
2)KUPERMAN, Alexander
3)VU, De, Q.

(57) Abstract :

ABSTRACT OF THE DISCLOSURE A mixed matrix membrane is provided which comprises a continuous phase organic polymer and small pore alumina containing molecular sieves dispersed therein. The molecular sieves have a silica-to-alumina molar ratio of less than 1.0, more preferably, less than 0.3, and most preferably less than 0.1. In some cases, the molecular sieves have no appreciable amounts of silica. Exemplary compositions include aluminophosphates (AIPO) and silicoaluminophosphates (SAPO). When these molecular sieves are properly interspersed with a continuous phase polymer, the membrane will exhibit a mixed matrix membrane effect, i.e., a selectivity increase of at least 10% relative to a neat membrane containing no molecular sieves. The molecular sieves have pores with a largest minor crystallographic free diameter of 4.0 Angstroms or less. The molecular sieves may be selected from the group having IZA structure types including AEI, CHA, ERI, LEV, AFX, AFT, and GIS Examples of preferred molecular sieves include: AIPO-18, SAPO-18, AIPO-34, SAPO-34, SAPO-44, SAPO-47, AIPO-17, SAPO-17, CVX-7, SAPO-35, SAPO-56, ALPO-52, and SAPO-43. Finally, methods for making and using such mixed matrix membranes to separate gases from a mixture containing two or more gases are also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2732/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MIXED MATRIX MEMBRANES WITH SMALL PORE MOLECULAR SIEVES AND METHODS FOR MAKING AND USING THE MEMBRANES

(51) International classification	:B01D53/22
(31) Priority Document No	:10/745,992
(32) Priority Date	:24/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/040485
Filing Date	:03/12/2004
(87) International Publication No	:WO/2005/065112
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CHEVRON U.S.A. INC.
Address of Applicant : 6001 Bollinger Canyon Road - 3rd Floor, San Ramon, California 94583 U.S.A.
(72)**Name of Inventor :**
1)MILLER, Stephen, J.
2)KUPERMAN, Alexander
3)VU, De, Q.

(57) Abstract :

ABSTRACT OF THE DISCLOSURE A mixed matrix membrane is provided which comprises a continuous phase organic polymer and small pore molecular sieves dispersed therein. The molecular sieves have a largest minor crystallographic free diameter of 3.6 Angstroms or less. When these molecular sieves are properly interspersed with a continuous phase polymer, the membrane will exhibit a mixed matrix membrane effect, i.e., a selectivity increase of at least 10% relative to a neat membrane containing no molecular sieves. Finally, methods for making and using such mixed matrix membranes to separate gases from a mixture containing two or more gases are also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2733/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TISSUE FASTENING AND CUTTING TOOL, AND METHODS

(51) International classification :A61B17/04

(31) Priority Document No :60/538,616

(32) Priority Date :23/01/2004

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

(86) International Application No :PCT/US2005/001844

Filing Date :21/01/2005

(87) International Publication No :WO/2005/072626

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)AMS RESEARCH CORPORATION

Address of Applicant : 10700 Bren Road West, Minnetonka, Minnesota

55343 U.S.A.

(72)Name of Inventor :

1)MONTPETIT, Karen, Pilney

(57) Abstract :

Abstract Disclosed are surgical instruments for manipulating soft tissue, by severing and making an attachment; embodiments of the surgical instruments can be capable of probing tissue, severing tissue, and making an attachment to the tissue such as attaching a suture.

(54) Title of the invention : SYMMETRICAL TRIAZINE DERIVATIVES

(51) International classification	: A61K 8/49
(31) Priority Document No	:03100758.6
(32) Priority Date	:24/03/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2004/050331
Filing Date	:24/03/2004
(87) International Publication No	:WO/2004/085412
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)CIBA SPECIALTY CHEMICALS HOLDING INC.
Address of Applicant :Klybeckstrasse 141, CH-4057 Basel Swaziland

(72)Name of Inventor :
1)EHLIS, Thomas
2)MÜLLER, Stefan
3)HAYOZ, Pascal

(57) Abstract :

Disclosed is the use of the compounds of formula wherein A is a radical of formula (1a) or (1b) R, R1 and R5 independently from each other are hydrogen; C1-C18alkyl; or C6-C12aryl; R2, R3 and R4 independently from each other are hydrogen; or a radical of formula wherein at least one of the radicals R2, R3 and R4 are a radical of formula (1c); R6, R7, R8, R9 and R10 independently from each other are hydrogen; hydroxy; C1-C18alkyl; C1-C18alkoxy; C6-C12aryl; C6-C12aryloxy; C1-C18alkylthio; carboxy; -COOM; C1-C18alkylcarboxyl; aminocarbonyl; or mono- or di-C1-C18alkylamino; M is an alkali metal ion; x is 1 or 2; and y is a number from 2 to 10; for the protection of human and animal hair and skin against the damaging effect of UV radiation. The compounds of formula (1) are high effective UV absorbers for cosmetic formulations and can - depending on their physical properties - be used in micronized or soluble form

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2734/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HYDROXYSULFATE SURFACE TREATMENT

(51) International classification	:C23C22/68,C25D11/34,C23C2/26	(71)Name of Applicant :
(31) Priority Document No	:0315381	1)ARCELOR France
(32) Priority Date	:24/12/2003	Address of Applicant : 1-5 rue Luigi Cherubini, 93200 Saint Denis, France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:PCT/FR2004/003208	1)BELLO, Alain
Filing Date	:14/12/2004	2)JACQUESON, Eric
(87) International Publication No	:WO/2005/071140	3)ARNOUX, Claude
(61) Patent of Addition to Application Number	:NA	4)PETITJEAN, Jacques
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

USI 03/055 Hydroxysulfate surface treatment Abstract The subject of the invention is the use of a treatment solution containing sulfate ions for treating the surface of a galvanized steel sheet for the purpose of reducing degradation of the coating during the operation of forming said sheet, and for the purpose of improving the temporary corrosion protection of said sheet. It also relates to a method of lubricating such a coated sheet.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2735/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CYTOTOXICITY ASSAY

(51) International classification :G01N33/573

(31) Priority Document No :60/538,993

(32) Priority Date :23/01/2004

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

(86) International Application No :PCT/US2005/001993

Filing Date :21/01/2005

(87) International Publication No :WO/2005/090990

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SANOFI PASTEUR, INC.

Address of Applicant : Discovery Drive, Swiftwater, PA 18370 U.S.A.

(72)Name of Inventor :

1)DUNN, Pamela

2)HE, Liwei

3)RADVANYI, Laszlo

4)SALHA, Danielle

(57) Abstract :

Abstract The present invention relates to methods for detecting CTL activity using flow cytometry to detect cleavage of cytotoxicity-related enzymes.

(54) Title of the invention : RECOMBINANT ANTIBODIES AND FRAGMENTS RECOGNISING GANGLIOSIDE N-GLYCOLYL-GM3 AND USE THEREOF IN THE DIAGNOSIS AND TREATMENT OF TUMOURS

(51) International classification	:AA	(71)Name of Applicant :
(31) Priority Document No	:2003-0092	1)CENTRO DE INMUNOLOGIA MOLECULAR
(32) Priority Date	:23/04/2003	Address of Applicant :Calle 216 esq. 15, Atabey, Playa, Ciudad Habana,
(33) Name of priority country	:Cuba	Cuba., Ciudad de la Habana 12100 (Cuba
(86) International Application No	:PCT/CU2004/000006	(72)Name of Inventor :
Filing Date	:22/04/2004	1)ROQUE NAVARRO, Loudes, Tatiana
(87) International Publication No	:WO/2004/094477	2)MATEO DE ACOSTA DEL RIO, Cristina, María
(61) Patent of Addition to Application Number	:NA	3)RODRÍGUEZ GONZALEZ, Mabel
Filing Date	:NA	4)ROJAS DORANTES, Gertrudis
(62) Divisional to Application Number	:NA	5)TALAVERA PÉREZ, Ariel
Filing Date	:NA	6)MORENO FRIAS, Ernesto

(57) Abstract :

The presente invención se relaciona fundamentalmente con la producción de inmunoglobulinas menos inmunogénicas por la vía de la ingeniería genética, y mas específicamente con un anticuerpo monoclonal que reconoce antígenos que contienen el gangliósido N-glicolil GM3 y no otros gangliósidos del tipo N-glicolil o N-acetil, ni a los glicolípidos sulfatados. Mas específicamente la presente invención se relaciona con las secuencias peptídicas que codifican un anticuerpo monoclonal recombinante contra el ganliósido n-glicolil GM3, o fragmentos derivados del mismo y composiciones farmacéuticas conteniendo dicho anticuerpo o sus fragmentos y su uso tanto diagnostico o terapéutico en cáncer de mama y melanoma

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2736/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR LUBRICATING ROLLING STOCK

(51) International classification	:B21B27/10,45/02
(31) Priority Document No	:103 61 493.1
(32) Priority Date	:23/12/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/013571
Filing Date	:30/11/2004
(87) International Publication No	:WO/2005/065854
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
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Germany
(72)**Name of Inventor :**
1)BILGEN, Christian
2)EICHERT, Christoph

(57) Abstract :

Abstract Disclosed is a method for rolling milling material, especially for hot wide-strip rolling in a finishing train or a continuous casting and rolling plant, in which a lubricant is applied directly to the surface of the working rollers or indirectly to the surface of the support rollers, the lubricant then being transferred to the surface of the working rollers, before the milling material is fed into the roller gap of a roll stand. A highly adhesive lubricant film forms on the surface of the working roller, said lubricant film resulting in a reduction of friction in the roller gap as an intermediate layer between the roller and the milling material. According to the inventive method, the lubricant is applied along the entire length of the milling material such that the lubricating effect comes into play along the entire length of the milling material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2737/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR PRODUCING PELLETS FOR PHARMACEUTICAL COMPOSITIONS

(51) International classification	:A61K9/16,31/573,31/4164,38/22	(71)Name of Applicant :
(31) Priority Document No	:0329851.0	1)TEMREL LIMITED
(32) Priority Date	:23/12/2003	Address of Applicant : 9 Myrtle Street, Douglas, Isle of Man IM1 1ED
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2004/005263	(72)Name of Inventor :
Filing Date	:15/12/2004	1)SPEIRS, Christopher
(87) International Publication No	:WO/2005/060938	2)MOIR, Peter
(61) Patent of Addition to Application	:NA	3)WILLIAMS, Richard
Number	:NA	4)CLARK, Michael
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Process for Producing Particles for Pharmaceutical Compositions Water is used to control particle size in a process comprising mixing water with a composition comprising a rheology modifying agent and possibly sugar and cellulose to produce a paste. The paste is extruded to form particles which are then spheronised and dried. One advantage of using water to control particle size is that the number of particles having a diameter within a required range, e.g. between from about 8 00 to about 1500 µm, may be increased.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2738/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUGAR AND LIPID METABOLISM REGULATORS IN PLANTS VI

(51) International classification	:C12N15/82
(31) Priority Document No	:60/532,751
(32) Priority Date	:23/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004251
Filing Date	:22/12/2004
(87) International Publication No	:WO/2005/063995
(61) 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 PLANT SCIENCE GMBH
Address of Applicant : 67056 Ludwigshafen, Germany
(72)**Name of Inventor :**
1)OSWALD, Oliver
2)BAUER, Jorg
3)ZANK, Thorsten

(57) Abstract :

ABSTRACT SUGAR AND LIPID METABOLISM REGULATORS IN PLANTS VI Isolated nucleic acids and proteins associated with lipid and sugar metabolism regulation are provided. In particular, lipid metabolism proteins (LMP) and encoding nucleic acids originating from Arabidopsis thaliana, Brassica napus, and Helianthus annuus are provided. The nucleic acids and proteins are used in methods of producing transgenic plants and modulating levels of seed storage compounds. Preferably, the seed storage compounds are lipids, fatty acids, starches, or seed storage proteins.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2739/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HANDLING CAPACITY BOTTLENECKS IN DIGITAL NETWORKS

(51) International classification	:H04L12/28	(71) Name of Applicant :
(31) Priority Document No	:04100231.2	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:23/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050168	(72) Name of Inventor :
Filing Date	:14/01/2005	1)BAUMEISTER, Markus
(87) International Publication No	:WO/2005/071896	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The invention relates to a method of handling capacity bottlenecks in digital networks, particularly digital home networks, in which at least two apparatuses or applications with public interfaces for influencing the internal resource allocation in a system have access to the resources of a data transfer medium having a non-constant bandwidth. In the case of a resource bottleneck, the data transfer rate of that data stream is reduced whose effect on the associated application is least observed by the user. Fig. 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2741/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INFORMATION INPUT AND OUTPUT METHOD USING DOT PATTERN

(51) International classification	:G06K7/10,19/06,G06F3/03	(71) Name of Applicant :
(31) Priority Document No	:PCT/JP03/16763	1)YOSHIDA, Kenji
(32) Priority Date	:25/12/2003	Address of Applicant : 9-14-2302, Koishikawa 1-chome, Bunkyo-ku,
(33) Name of priority country	:Japan	Tokyo, 112-0002 Japan
(86) International Application No	:PCT/JP2004/019427	(72) Name of Inventor :
Filing Date	:24/12/2004	1)YOSHIDA, Kenji
(87) International Publication No	:WO/2005/064523	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT OF THE DISCLOSURE Making a dot pattern so that misalignment in a x direction and a y direction is alternately generated for every adjacent information dots on a virtual grid line, the misalignment is alternately generated in the x direction and the y direction for each dot and this results in that the alternate information dot is necessarily arranged on the same grid line. Therefore, in the case that an optical reading apparatus reads the dot pattern, a search algorithm of a virtual grid line is simplified on an image memory. As a result, the grid point on the image memory is also easy. Therefore, without using a complicated program, it is possible to speed up the reading speed of the dot pattern.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2742/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ARYL SUBSTITUTED HETEROCYCLES, METHOD FOR PRODUCTION AND USE THEREOF AS MEDICAMENTS

(51) International classification :C07D413/10,413/14,417/14,417/10,491/113
(31) Priority Document No :10 2004 003 812.0
(32) Priority Date :25/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000699
Filing Date :25/01/2005
(87) International Publication No :WO/2005/070925
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)SANOVI-AVENTIS DEUTSCHLAND GMBH
Address of Applicant : Bruningstrasse 50, 65929 Frankfurt am Main
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(72)Name of Inventor :
1)SCHWINK, Lothar;
2)STENGELIN, Siegfried;
3)BOEHME, Thomas;
4)GOSSEL, Matthias;
5)HESSLER, Gerhard;
6)LENNIG, Petra;

(57) Abstract :

Abstract The invention relates to substituted aryl-substituted heterocycles and to the physiologically tolerated salts and physiologically functional derivatives thereof, to process for their preparation and to their use as medicaments. Compounds of the formula I in which the radicals have the stated meanings, the N-oxides thereof, and the physiologically tolerated salts thereof, and process for the preparation thereof are described. The compounds bring about for example a weight reduction in mammals and are suitable for example for the prevention and treatment of obesity and diabetes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2743/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUBSTITUTED N-CYCLOHEXYL IMIDAZOLINONES HAVING AN MCH-MODULATORY EFFECT

(51) International classification :C07D233/70,A61K31/4166,A61P3/04,3/10
(31) Priority Document No :10 2004 003 811.2
(32) Priority Date :25/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000700
Filing Date :25/01/2005
(87) International Publication No :WO/2005/070898
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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Germany
(72)**Name of Inventor :**
1)SCHWINK, Lothar;
2)BOEHME, Thomas;
3)GOSSEL, Matthias;
4)STENGELIN, Siegfried;

(57) Abstract :

The invention relates to substituted N-cyclohexylheterocycles and to the physiologically tolerated salts and physiologically functional derivatives thereof, to processes for their preparation and to their use as medicaments. Compounds of the formula I, in which the radicals have the stated meanings, and the physiologically tolerated salts thereof, and process for their preparation are described. The compounds bring about for example a weight reduction in mammals and are suitable for example for the prevention and treatment of obesity and diabetes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2744/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANTI-CD40 ANTIBODY MUTANTS

(51) International classification :C12N15/09,C07K16/28,C12P21/08,A61K39/395
(31) Priority Document No :2003-431408
(32) Priority Date :25/12/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/019750
Filing Date :24/12/2001
(87) International Publication No :WO/2005/063981
(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 : 10-1, Shinkawa 2-chome, Chuo-ku, Tokyo
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(72)Name of Inventor :
1)TAKAHASHI, Nobuaki
2)MIURA, Toru
3)KITAGAWA, Yoshinori
4)HIRANO, Aki

(57) Abstract :

A mutant a potentially therapeutic ani-CD40 antibody is provided which mutant has reduced ADCC and CDC activities designed to be optimized as a pharmaceutical agent. A mutant of an agonistic anti-CD40 antibody, comprising mutation and/or substitution of at least one amino acid in the constant region to reduce the ADCC and/or CDC activities therein, and a mutant of an antagonistic anti-CD40 antibody, comprising at least one mutation or substitution in the constant region to reduce the ADCC and/or CDC activities therein, both mutants having at least a hinge region derived from a human IgG2.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2745/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FABRIC FORMED FROM A LARGELY UNTWISTED YARN

(51) International classification	:D03D23/00,D04B1/00	(71)Name of Applicant :
(31) Priority Document No	:60/533,603	1)KANNAPPAN, Govindaswamy
(32) Priority Date	:30/12/2003	Address of Applicant :186, Race Course, Coimbatore 641018, Tamil Nadu
(33) Name of priority country	:U.S.A.	Tamil Nadu India
(86) International Application No	:PCT/IN2004/000429	(72)Name of Inventor :
Filing Date	:29/12/2004	1)KANNAPPAN, Govindaswamy
(87) International Publication No	:WO/2005/064056	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Presented is a fabric comprised of a staple fiber yarn exhibiting a twist multiplier of less than a prescribed value, preferably 1.5. Yam is formed from staple fibers twisted together with a certain number or twists-per-inch. The twist-per-inch of the yam in the fabric is related to the yam count and a proper balancing of the two results in a twist multiplier of preferably less than 1.5. The Yam Count is indirectly related to the fiber diameter. The fabric embodying the present invention has a softer more luxurious feel, more bulk, and greater absorbency than a conventional fabric.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2746/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A NOVEL ARYLAMINE COMPOUNDS AND ORGANIC ELECTROLUMINESCENT DEVICE COMPRISING THE SAME

(51) International classification :C07C211/61,C07C225/22,C09K11/06 (31) Priority Document No :2000-268833 (32) Priority Date :05/09/2000 (33) Name of priority country :Japan (86) International Application No :PCT/JP2001/007477 Filing Date :30/08/2001 (87) International Publication No :WO/2002/020460 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :IN/PCT/2002/00656/CHE Filed on :30/08/2001	(71)Name of Applicant : 1)IDEMITSU KOSAN CO., LTD. Address of Applicant : 1-1, Marunouchi 3-chome Chiyoda-ku, Tokyo Japan (72)Name of Inventor : 1)HOSOKAWA, Chishio; 2)FUNAHASHI, Masakazu;

(57) Abstract :

ABSTRACT (Divisional of IN/PCT/2002/00656/CHE) A novel arylamine compound and an organic electroluminescence device comprising the same The present invention relates to a novel arylamine compound represented by the following general formula (2): A wherein at least one of A and B represents an atom group forming a substituted or unsubstituted saturated five-membered to eight-membered ring which may comprise a Spiro bond, with provisos that, when any one of A and B represents an atom group forming a saturated five-membered ring, A and B each represent a group forming a ring structure or any of A and B represents a group comprising a Spiro bond and that at least one of A and B represents a group which does not comprise two or more unsaturated six-membered rings; and C Q Ar to Ar each independently represent a substituted or unsubstituted aryl group having 6 to 40 carbon atoms or a substituted or unsubstituted heterocyclic group having 5 to 40 carbon atoms and may represent a same group or different groups.

(54) Title of the invention : THIAZOLE DERIVATIVES

(51) International classification :C07D417/04,417/14,491/113,487/04,498/04	(71)Name of Applicant :
(31) Priority Document No :2003-432777	1)KYOWA HAKKO KOGYO CO., LTD.
(32) Priority Date :26/12/2003	Address of Applicant : 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-
(33) Name of priority country :Japan	8185, Japan
(86) International Application No :PCT/JP2004/019778	(72)Name of Inventor :
Filing Date :24/12/2004	1)NAKAJIMA, Takao
(87) International Publication No :WO/2005/063743	2)SUGAWARA, Masamori.,
(61) Patent of Addition to	3)UCHIDA, Shin-ichi.,
Application Number :NA	4)OHNO, Tetsuji.,
Filing Date :NA	5)NOMOTO, Yuji.,
(62) Divisional to Application	6)UESAKA, Noriaki.,
Number :NA	7)NAKASATO, Yoshisuke.,
Filing Date :NA	

(57) Abstract :

(Wherein n is an integer of from 0 to 3: R1 is substituted or unsubstituted cycloalkyl, substituted or unsubstituted aryl, a substituted or unsubstituted alicyclic heterocyclic group, or a substituted or unsubstituted aromatic heterocyclic group: R2 is halogen, substituted or unsubstituted lower alkyl, substituted or unsubstituted aryl, a substituted or unsubstituted alicyclic heterocyclic group, a substituted or unsubstituted aromatic heterocyclic group, -CaRs, or the like: R3 and R4 may be the same or different, and each represents a hydrogen atom, substituted or unsubstituted lower alkyl, substituted or unsubstituted aralkyl, -COR12, or the like) For example, provided are adenosine A2A receptor antagonists comprising, as the active ingredient, a thiazole derivative represented by a general formula (.I), or a pharmaceutically acceptable salt thereof, and the like.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2748/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :26/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 1,2-DI(CYCLIC)SUBSTITUTED BENZENE COMPOUNDS

(51) International classification :C07D207/06,207/12,207/273,207/325,211/14 (31) Priority Document No :2003-434312 (32) Priority Date :26/12/2003 (33) Name of priority country :Japan (86) International Application No :PCT/JP2004/019795 Filing Date :24/12/2004 (87) International Publication No :WO/2005/063705 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)EISAI CO., LTD. Address of Applicant : 6-10, Koishikawa 4-chome, Bunkyo-ku, Tokyo 1128088 Japan (72)Name of Inventor : 1)KAWAHARA, Tetsuya 2)KOTAKE, Makoto 3)YONEDA, Naoki 4)HIROTA, Shinsuke., 5)OHKURO, Masayoshi

(57) Abstract :

A compound represented by the following general formula (1) or (100), a salt thereof or a hydrate of the foregoing has excellent cell adhesion inhibitory action or cell infiltration inhibitory action, and is useful as a therapeutic or prophylactic agent for various inflammatory diseases and autoimmune diseases associated with adhesion and infiltration of leukocytes, such as inflammatory bowel disease (particularly ulcerative colitis or Crohn's disease), irritable bowel syndrome, rheumatoid arthritis, psoriasis, multiple sclerosis, asthma and atopic dermatitis. wherein RIO represents optionally substituted cycloalkyl, etc., R20-23 represent hydrogen, alkyl, alkoxy, etc., R30-32 represent hydrogen, alkyl, oxo, etc., and R40 represents optionally substituted alkyl, etc.

(54) Title of the invention : TISSUE PROTECTIVE CYTOKINE RECEPTOR COMPLEX, ASSAYS FOR IDENTIFYING TISSUE PROTECTIVE COMPOUNDS AND USES THEREOF

(51) International classification :G01N 33/50
(31) Priority Document No :60/465,891
(32) Priority Date :25/04/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/13099
Filing Date :26/04/2004
(87) International Publication No :WO/2004/096148
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)CERAMI, Anthony

3)GHEZZI, Pietro

4)FIORDALISO, Fbio

5)FRATELLI, Maddalena

6)LEIST, Marcel

7)NIELSEN, Mette

8)SAGER THOMAS

9)PEDERSEN, Lars, Ostergaard

10)GERWIEN, Jens

11)COLEMAN, Thomas

(57) Abstract :

The present invention is directed methods for identifying compounds that have a tissue protective activity using a heteromultimer receptor complex that mediates the tissue protective activities. The complex consists of at least one EPO-R in complex with at least one γ Receptor. These compounds used in the assays to identify tissue protective compounds include, but are not limited to, small molecules and biologics. The compounds identified using these assays can be used to treat or prevent various diseases, disorders, or conditions of the central and peripheral nervous systems as well as those of other erythropoietin-responsive or excitable cells, tissues, and organs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2750/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :26/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RULE SELECTION ENGINE

(51) International classification	:GO6F
(31) Priority Document No	:10/765,461
(32) Priority Date	:26/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002396
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/072351
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)TRIGENT SOFTWARE
Address of Applicant : 1 Apple Hill, Suite 204, Natick, MA 01760 U.S.A.
(72)**Name of Inventor :**
1)REHBERG, Charles, Patrick
2)PORTER, Steve, Sherwood

(57) Abstract :

Abstract A rules-based system makes use of a specification that is similar to those used in earlier systems, such as on OPS5, but does not require the computational complexity of implementations such as Rete. In some such implementations, matching of the applicable rules given a set of facts is simplified by providing preallocated storage locations for the Boolean values of the condition elements for each rule. The Boolean values are set by direct processing of each of the facts. These preallocated storage locations are arranged to allow efficient evaluation of the overall condition of each of the rules in a manner that is significantly more efficient than implementations of earlier rule-based systems.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2751/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :26/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARATUS AND METHOD FOR MANUFACTURE OF A DRIVESHAFT

(51) International classification	:B21D26/14,B23K20/06,B21D39/04	(71) Name of Applicant : 1)PULSAR WELDING LTD. Address of Applicant : P.O.B. 421, 81103 Yavne Israel
(31) Priority Document No	:60/538,500	(72) Name of Inventor :
(32) Priority Date	:26/01/2004	1)GAFRI, Oren
(33) Name of priority country	:U.S.A.	2)LIVSHIZ, Yuri
(86) International Application No	:PCT/IL2005/000087	
Filing Date	:25/01/2005	
(87) International Publication No	:WO/2005/070583	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract An apparatus (30) and method for forming of a vehicle's driveshaft (32) is provided which makes use of a PMF process. The coil device used in the PMF apparatus is assembled around the shaft from two or more coil sections (40, 41, 43; 42, 44, 45) firmly attached to one another, and which may be disassembled from one another to allow to remove the formed driveshaft (32).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2752/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :26/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AN ENDOLUMINAL SURGICAL DELIVERY SYSTEM

(51) International classification	:A61B17/115
(31) Priority Document No	:0402796.7
(32) Priority Date	:09/02/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000437
Filing Date	:09/02/2005
(87) International Publication No	:WO/2005/077280
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ANSON MEDICAL LIMITED
Address of Applicant : Lombard Medical House, 4 Trident Park, Basil Hill Road, Didcot, Oxfordshire OX11 7HJ U.K.
(72)**Name of Inventor :**
1)JONES, Anthony
2)KEEBLE, Duncan

(57) Abstract :

ABSTRACT An Endoluminal Surgical Delivery System A system (1) for delivering a staple (9) to the locus of an artery (2) comprises a delivery conduit (5) for inserting into the lumen of an artery through which conduit a staple can be delivered to the locus, and an elongate element (6) such as a catheter for a balloon (7) for translating axial advancement of the delivery conduit through the artery into movement of the distal end of the delivery conduit away from the longitudinal axis of the artery and towards the artery wall.

(54) Title of the invention : METHOD OF PROVIDING A PERSONALIZED BROADCAST SERVICE

(51) International classification	:H04N7/173	(71) Name of Applicant :
(31) Priority Document No	:04100269.2	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:26/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050200	(72) Name of Inventor :
Filing Date	:18/01/2005	1)KELLNER, Andreas
(87) International Publication No	:WO/2005/074284	2)KNEISSLER, JAN
(61) Patent of Addition to Application Number	:NA	3)SCHOLL, Holger, R.
Filing Date	:NA	4)THELEN, Eric
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: There is described a method of providing a personalized broadcast service. The method involves arranging for a content provider (40) to communicate with a user device (30) and a broadcast service (50). The device (30) presents personalized programme content to its user (20). The method involves: (a) receiving user profile information (100) from the user (20); (b) receiving programme content indicative data (110) at the broadcast service (50); (c) providing to the device (30) an a priori recording schedule (130) derived from the profile information (100) and the indicative data (110); (d) receiving programme content (140, 150) at the broadcast service (50) and the device (30) and recording said received programme content at the device (30); (f) analyzing the received programme content at the broadcast service (50) to generate an a posteriori selection schedule (200); (g) receiving the selection schedule (200) at the device and processing the programme content recorded at the device (30) pursuant to the selection schedule (200) to generate the personalized programme content for the user (20). Figure 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2754/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :26/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANTI-SHOCK OPTICAL RECORDING AND REPRODUCING DEVICE

(51) International classification	:G11B7/09	(71)Name of Applicant :
(31) Priority Document No	:04300044.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:26/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000166	(72)Name of Inventor :
Filing Date	:19/01/2005	1)ZHOU, Yu
(87) International Publication No	:WO/2005/081235	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to an optical recording and reproducing device comprising an optical pick-up unit, position means for moving roughly the optical pick-up unit with respect to a desired position on an optical disc, an actuator for moving the optical pick-up unit relative to the position means in a radial direction of the optical disc, and a servo processor for delivering a control signal (u(k)) from a measured radial error signal (x(k)) derived from the optical pick-up unit. Said servo processor further comprises: - a state estimator (SEST) for delivering an estimated radial error signal () and a predicted radial error signal () on the basis of the measured radial error signal (x(k)) and of the control signal (u(k)); and - a shock detector (SDET) for delivering a shock indication (S_out) on the basis of the estimated radial error signal, of the predicted radial error signal, and of a sum (CA(k)) of the signals delivered by the at least two regions of the optical sensor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2755/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :26/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : REMOTE CONTROL OF INTERACTIVE TELEVISION BY TELEPHONE

(51) International classification	:H04N5/44
(31) Priority Document No	:60/539,304
(32) Priority Date	:26/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050253
Filing Date	:21/01/2005
(87) International Publication No	:WO/2005/074260
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)GOLDBERG, Neal

(57) Abstract :

A method and system for managing television programs are provided. Accordingly, a viewer initiates a call connection to a remote server using a telephone unit, and the server interactively issues a command signal indicative of the program desired by the viewer. The command signal is transmitted to a receiver or a television unit to display or navigate through a television program of interest to the viewer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2756/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :26/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : REPLAY OF MEDIA STREAM FROM A PRIOR CHANGE LOCATION

(51) International classification	:G11B27/10,H04N5/915	(71)Name of Applicant :
(31) Priority Document No	:60/539,305	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:26/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050273	(72)Name of Inventor :
Filing Date	:24/01/2005	1)HOLLEMANS, Gerard
(87) International Publication No	:WO/2005/073972	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A playback option that the user can engage causes the video stream (30) to move backward to the previous change points (LN - L1) of the video stream (30) in sequence, and then play the video stream (30) forward from one of the prior change points selected by the user. The change points of a video stream (30) that occur prior to the current play point (T) of the video stream (30) are generated in real time or included in the video stream (30). The change points (LN - L1) can be speech breaks, shot cuts and movement of persons or objects in the video stream (30).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2757/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTI-BAND ANTENNA SYSTEM

(51) International classification :H01Q5/00,1/38,9/16
(31) Priority Document No :10/761,621
(32) Priority Date :20/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/CA2005/000041
Filing Date :14/01/2005
(87) International Publication No :WO/2005/069438
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)SIERRA WIRELESS, INC.
Address of Applicant : 13811 Wireless Way, Richmond, British Columbia
V6V 3A4 U.S.A.
(72)**Name of Inventor :**
1)NYSEN, Paul A.

(57) Abstract :

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2758/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUTOMATIC AUDIO SIGNAL DYNAMIC RANGE ADJUSTMENT

(51) International classification	:H03G9/00
(31) Priority Document No	:60/539,724
(32) Priority Date	:28/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050293
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/074129
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)JOSEPH, Rani, Mary
2)SAWICKI, Piotr, Leszek

(57) Abstract :

ABSTRACT A sound source receives an input audio signal and a sense signal depending on an external condition. The sound source has dynamic range controller that automatically adjusts the dynamic range of the input audio signal to provide the output audio signal, the adjusting depending on the sense signal. Then the sound source converts the output audio signal to ambient sound waves.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2759/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DIGITAL BROADCASTING TERMINAL

(51) International classification :H04N5/00,7/24
(31) Priority Document No :0401781.0
(32) Priority Date :28/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/IB2005/050345
Filing Date :27/01/2005
(87) International Publication No :WO/2005/074252
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)BENJES, Immo
2)FOSTER, Jonathan, G.
3)HOULDSWORTH, Richard, J.

(57) Abstract :

Abstract A terminal (60) in a digital broadcasting system supports a virtual machine (150), such as a Javavirtual machine, which processes applications in a first code format, such as Java byte code. A plug-in (110) is provided which converts applications that are received in a second code format into the first code format. The plug-in (110) can compile (120) the application into the first code format. The application can be compiled (120) upon receipt, or it may be stored (69) and compiled at a later time, such as overnight or when the virtual machine (150) has spare processing capacity (114). Applications can be converted based on monitored usage statistics (112).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2760/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DISC TILT DETECTING DEVICE

(51) International classification	:G11B7/095
(31) Priority Document No	:04100290.8
(32) Priority Date	:28/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050228
Filing Date	:19/01/2005
(87) International Publication No	:WO/2005/073962
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VAN SOMEREN, Bob

(57) Abstract :

The invention relates to a device (201) for scanning an optical disc (202), such as a CD or DVD, the device (201) comprising a radial error detection unit (210) for determining a radial tracking error signal (e.g. a RPP or DTD-signal) while moving radially across a pattern (203) of substantially parallel data tracks on the disc (202). The hereby obtained periodic signal is analyzed by a tilt detection circuit (211) for detecting disc tilt. Each period of the periodic signal corresponds to a pitch of the data tracks. The tilt detection circuit (211) is arranged for detecting an asymmetry in the periodic signal. In an embodiment the asymmetry is detected by integrating the periodic signal over an integer number of periods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2761/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PERSPECTIVE FUNCTION FOR SIMPLE PROGRAM GUIDE

(51) International classification	:H04N5/445
(31) Priority Document No	:60/539,789
(32) Priority Date	:27/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050301
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/074262
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)GUILLORIT, Fabien, M.J.

(57) Abstract :

An electronic program guide (100) includes a first list (105) with first information and a second list (110) which is displayed concurrently with the first list (105) in response to selection of a selected information (115) from the first information, which includes a channel list, a theme list, a time list, a favorite list or a reminder list, switchable in response to activation of a programmable perspective switch (155, 250). The first list (105) is displayed in response to accessing the electronic program guide (100), such as by activating an access switch (240) of a remote controller (200). Both the first and second lists are displayed in response to accessing the second list, such as by double clicking on the access switch (240) or activating a program switch (245) of the remote controller (200). The second list includes information associated with the selected information from the first list.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2762/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMAGE MOTION COMPENSATION ARRANGEMENT AND METHOD THEREFOR

(51) International classification	:G09G3/20	(71)Name of Applicant :
(31) Priority Document No	:60/539,784	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:27/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050276	(72)Name of Inventor :
Filing Date	:24/01/2005	1)VAN ZON, Cornelis, Conradus, Adrianus, Maria,
(87) International Publication No	:WO/2005/073945	2)DALAL, Sandeep M.
(61) Patent of Addition to Application Number	:NA	3)DEAN, John Edward
Filing Date	:NA	4)BOROCZKY, Lilla L.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Example embodiments are directed to a video image display system that includes a motion estimation circuit (112), a front-end motion compensation circuit (110), and a video signal conversion circuit (134, 136). The motion estimation circuit generates motion vectors as a function of an incoming video signal, the front-end motion compensation circuit receives and processes the incoming video signal as a function of the motion vectors for general video display, and the video signal conversion circuit receives the processed video signal from the front-end motion compensation circuit and generates a display signal for a specific video display as a function of both the processed video signal and the motion vectors. In one implementation, a scaler (120) is implemented to scale the video signal for a particular display type, with components of the motion compensation being implemented for use with the scaler.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2763/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR SIMULATING TASTE SENSATIONS IN A TASTE SIMULATION SYSTEM

(51) International classification	:A61N1/36,A61B5/05	(71) Name of Applicant :
(31) Priority Document No	:60/539,781	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:27/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050303	(72) Name of Inventor :
Filing Date	:26/01/2005	1)BURGMANS, Tom
(87) International Publication No	:WO/2005/072821	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A tongue plate apparatus (10) configured to lie on top of a human tongue (100). The tongue plate (10) having a lower surface configured to lie on top of a human tongue (100), the lower surface including a plurality of electronic stimulation nodes (13) operable to transmit externally generated electrical signals to stimulate sensory nerve fibers (102) within the human tongue (100) at predetermined locations. The tongue plate (10) also having an upper surface including saliva flow measurement means (55) for measuring a rate of change in the saliva flow rate of a human in response to the stimulation of the sensory nerve fibers (104). The tongue plate (10) facilitates the simulation of various taste sensations (i.e., sweet, sour, salty, bitter) in various regions of the tongue (100).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2764/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUDIO/VIDEO CONTENT SYNCHRONIZATION THROUGH PLAYLISTS

(51) International classification :G06F11/14,17/30

(31) Priority Document No :60/539,791

(32) Priority Date :27/01/2004

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

(86) International Application No :PCT/IB2005/050304

Filing Date :26/01/2005

(87) International Publication No :WO/2005/073856

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)GUILLORIT, Fabien, M.J.

(57) Abstract :

A method is disclosed for performing bi-directional synchronization between a host device having a large capacity, e.g., a personal computer (20), in which a dedicated application program is installed and a mobile media player device (10) using play lists. The mobile media player device (10) is capable of independently downloading media content including audio and video files and creating play lists therefrom. Upon connecting the personal computer (20) and the media player (10) play lists marked for synchronization are downloaded from the media player (10) to the personal computer (20) wherein the dedicated application program uses time and date information of the play lists to determine which play lists of the personal computer (20) and media player (10) are to be updated. The updated play lists are stored on the respective devices (10, 20).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2765/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR PROVIDING AN EXTENDED COMPUTING CAPACITY

(51) International classification	:G06F9/46
(31) Priority Document No	:60/539,782
(32) Priority Date	:27/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050302
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/073854
(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 : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)BURGMANS, Tom

(57) Abstract :

A system, method and business model is disclosed in which computation and storage intensive tasks are performed using remote commercial products (13) of a product manufacturer (80) rather than with centralized resources (10) owned by the product manufacturer (80). The present invention uses the spare resources (e.g., processing, storage) of commercial products (13) of a product manufacturer (80) without impacting the products stated performance. The owners of the commercial products (13) may receive reward credits for voluntarily participating in the distributed processing system (100). The reward credits may be redeemable in any number of ways, including, for example, the purchase of future products of the product manufacturer, merchandise, resort packages, airline travel and so on. In one aspect, the product manufacturer (80) may contract out the services of the commercial products sold by the manufacturer (80) to third parties to complete their large processing tasks.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2766/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USE LOADER FOR SIGNALING THE SYSTEM SOFTWARE UPDATE SERVICE

(51) International classification	:G06F9/40
(31) Priority Document No	:60/539,723
(32) Priority Date	:28/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050292
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/073845
(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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Netherlands
(72)**Name of Inventor :**
1)KOOIJMANS, Sander, Rudolfus

(57) Abstract :

A receiver (50) having software contained within a non-volatile memory (52) that can be upgraded via a communication interface (62). The receiver (50) provides a standby mode that works in conjunction with an operational mode to search (16) for and load (28) software updates. If an available update is found, the receiver records an indication (44) that a software update is available to allow for loading (28) and installing (22) of the update. The receiver can locate updates in the standby mode generate an indication for the receiver that upon entering the operational mode, the indication that a software update is available is identified and the system software then loads the new software update. The receiver is capable of searching for software updates during the operational mode and if available update is found, the receiver loads it the update into memory and upon re-entering of the standby mode, the update stored in memory is placed into a predetermined non-volatile memory so that the update is available the next time the operating mode is entered.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2767/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUEL FILL SYSTEM WITH FUEL VAPOR RECIRCULATION

(51) International classification	:B60K15/04
(31) Priority Document No	:10/766,142
(32) Priority Date	:27/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003038
Filing Date	:27/01/2005
(87) International Publication No	:WO/2005/072429
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DAYCO PRODUCTS, LLC
Address of Applicant : 1 Prestige Place, Miamisburg, OH 45342 (U.S.A.)
(72)**Name of Inventor :**
1)BANERJEE, Raja
2)KLEIN, Darrell, L.

(57) Abstract :

A fuel fill system includes a funnel (18, 70) having an inlet port (20) configured to receive a nozzle (22) from an external fuel source, a fuel filler tube (16) coupled to an outlet port (24) of the funnel (18, 70), and a vapor recirculation tube (30) coupled to the funnel. Fuel vapor entering the funnel (18, 70) from the vapor recirculation tube (30) is directed toward the outlet port (24) at a first angle less than 90° from a longitudinal axis (34) of the funnel (18, 70). The fuel vapor entering the funnel (18, 70) may also be directed at a second angle less than 90° from a line (50) tangent to an inner surface of the funnel (18, 70) at a point where fuel vapor enters the funnel. The second angle is in a plane perpendicular to the longitudinal axis (34) of the funnel (18, 70).

(54) Title of the invention : DELIVERY APPARATUS

(51) International classification	:F02C3/30,9/26,F02M69/18	(71) Name of Applicant :
(31) Priority Document No	:10 2004 004 135.0	1)ALSTOM TECHNOLOGY LTD
(32) Priority Date	:28/01/2004	Address of Applicant : Brown Boveri Strasse 7, CH-5400 Baden
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:PCT/EP2005/050236	(72) Name of Inventor :
Filing Date	:20/01/2005	1)LECHELER, Stefan
(87) International Publication No	:WO/2005/073538	2)DITTMANN, Rolf
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device (10) for continuously conveying and non-intermittently introducing a fluid into a main flow. Said device comprises an inlet line (26), a delivery line (30), a conveyor device (20) which is used to convey a mass flow of the liquid from the inlet line to the delivery line, in addition to at least one comminuting element (41) which communicates with the delivery line. According to the invention, a branch line, which branches from the delivery line, is arranged in the conveyor device upstream from the direction of conveyance and downstream from the atomisation element. At least one switching element and/or control element (36, 32), which are used to close and/or throttle the branch line, are connected to the branch line (35). The inventive conveyor device (10) can be used, particularly, in a water injection installation for spraying water into a compressor flow, in particular a gas turbine system (100).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2769/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : VEHICLE BODY SEGMENT, AND PRODUCTION THEREOF

(51) International classification :B23K11/11,11/02,11/06,11/00,B23P11/00
(31) Priority Document No :10 2004 003 909.7
(32) Priority Date :27/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2005/000111
Filing Date :27/01/2005
(87) International Publication No :WO 2005/070609
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)GM Global Technology Operations, Inc,
Address of Applicant : Detroit, MI 48265-3000, U.S.A.
(72)**Name of Inventor :**
1)EBERLEIN, Wolfgang,

(57) Abstract :

ABSTRACT Process with which to join two or more sheet plates or steel member parts, particularly of a car body segment, as well as a car body segment. A process is presented with which to join two or more sheet plates or steel member parts of which, typically, one is made of high-tensile steel, using the following steps : a) form-fit and/or force-fit mechanical joining of sheet plates or steel member parts at one or several joints and subsequent b) thermal joining of joints using pressure-welding. Car body segments in the automobile industry in particular can be manufactured using the process in accordance with the invention, displaying qualitatively superlative point welded joints. (Figure 2b)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2770/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROCED APPARATUS FOR REMOVING CONTAMINANTS FROM CRANKCASE EMISSIONS

(51) International classification	:F01M13/00
(31) Priority Document No	:60/539,654
(32) Priority Date	:28/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002517
Filing Date	:27/01/2005
(87) International Publication No	:WO 2005/072369
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NEW CONDENSATOR, INC.
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95949 U.S.A.
(72)**Name of Inventor :**
1)ROBERTS, Richard, D.
2)BROCK, James, R.,
3)LOUGHRAN, Edmund

(57) Abstract :

Abstract A separator for separating liquids in a fluid stream generated by blow-by gases produced in a crankcase of an internal combustion engine wherein the fluid stream includes both gasses and liquids. The separator including an inlet in fluid connection with the engine for receiving the fluid stream and an outlet in fluid connection with the engine to return a gas stream to the engine. The separator further including a fluid path fluidly connecting the inlet to the outlet and a containment vessel in fluid connection with the fluid path. The separator having a fluid stream accelerator in the fluid path and the accelerator accelerating the fluid stream to at least partially separate the gasses from the liquids in the fluid stream. A deflector, which is also in the fluid path between the accelerator and the outlet, changes the direction of the liquid to direct at least part of the liquids in the fluid stream into a containment portion of the vessel and directs the gas stream to -the outlet.

(54) Title of the invention : FILLING MATERIALS

(51) International classification :H01B3/00,7/282,7/285
(31) Priority Document No :60/539,521
(32) Priority Date :27/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000105
Filing Date :04/01/2005
(87) International Publication No :WO/2005/073983
(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)HAGEN, Nathan, K.**2)HAGUE, David, R.****3)MISTELE, Chad, D.****4)NAPIERALA, Mark, E.****5)PEREZ, Mario, A.****6)VELAMAKANNI, Bhaskar, V.****7)YOUNG, James, K.**

(57) Abstract :

Abstract The present invention relates to a filler material useful for communication cables, such as electrical cables and optical cables. In one embodiment, (a) from about 50 to 95 percent by weight mineral oil; (b) less than about 10 percent by weight block copolymer selected from the group consisting of styrene-ethylene/butylene, styrene-ethylene/propylene, styrene-butadiene-styrene, styrene-isoprene-styrene, styrene-ethylene/butylene-styrene, styrene-ethylene/propylene-styrene, and combinations thereof; (c) less than about 35 percent by weight petroleum wax; (d) less than about 20 percent by weight hollow glass microspheres; and (e) less than about 10 percent by weight thixotropic agent selected from the group consisting of clay, colloidal metal oxide, fumed metal oxide, and combinations thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2772/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :26/10/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : 2, 3, 6-TRISUBSTITUTED-4-PYRIMIDONE DERIVATIVES

(51) International classification : C07D 401/04
(31) Priority Document No :2003-126021
(32) Priority Date :26/03/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/004320
Filing Date :26/03/2004
(87) International Publication No :WO/2004/085408
(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)WATANABE, Kazutoshi

2)UEHARA, Fumiaki

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5)USUI, Yoshihiro

6)OKUYAMA, Masahiro

7)SHODA, Aya

8)ARITOMO, Keiichi

9)KOHARA, Toshiyuki

10)FUKUNAGA, Kenji

(57) Abstract :

A pyrimidone derivative having tau protein kinase 1 inhibitory activity which is represented by formula (I) or a salt thereof, or a solvate thereof or a hydrate thereof; useful for preventive and/or therapeutic treatment of diseases such as neurodegenerative diseases (e.g. Alzheimer disease); wherein Q represents CH or nitrogen atom; R represents a C1-C12 alkyl group; the ring of Formula (I): represents piperazine ring or piperidine ring; each X independently represents a C1-C8 alkyl group, an optionally partially hydrogenated C6-C10 aryl ring, an indan ring or the like; m represents an integer of 1 to 3; each Y independently represents a halogen atom, a hydroxy group, a cyano group, a C1-C6 alkyl group or the like; n represents an integer of 0 to 8; when X and Y or two Y groups are attached on the same carbon atom, they may combine to each other to form a C2-C6 alkylene group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2772/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HEAT EXCHANGER, IN PARTICULAR A FLAT PIPE EVAPORATOR FOR A MOTOR VEHICLE AIR CONDITIONING SYSTEM

(51) International classification	:F28F9/02,F28D1/053	(71) Name of Applicant :
(31) Priority Document No	:10 2004 004 494.5	1)BEHR GMBH & CO. KG
(32) Priority Date	:28/01/2004	Address of Applicant : Mauserstrasse 3, 70469 Stuttgart Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/000859	1)DURR, Gottfried
Filing Date	:28/01/2005	2)FORSTER, Klaus, Dieter,
(87) International Publication No	:WO/2005/073662	3)KOHL, Michael
(61) Patent of Addition to Application Number	:NA	4)NEUMANN, Emil
Filing Date	:NA	5)OTT, Franz
(62) Divisional to Application Number	:NA	6)SEEWALD, Wolfgang
Filing Date	:NA	

(57) Abstract :

Abstract The invention relates to a heat exchanger, in particular a flat pipe evaporator (1) for a motor vehicle air conditioning system, comprising at least one collecting tank (2) made of sheet steel which is divided in the longitudinal direction into at least two chambers and the ends of the pipe, in particular, flat pipes, are introduced in the base thereof. Said collecting tank (2) comprises a tunnel-shaped part (5), an essentially flat part (4) which forms the base, and covers (6) which are arranged on the front side thereof. At least one cover (6) is embodied in a flat manner in at least the outer edge area thereof and is positioned in a positive fit in the collecting tank.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2773/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELECTROPHORETIC DISPLAY APPARATUS AND DRIVING METHOD THEREOF

(51) International classification

:G02F1/167

(31) Priority Document No

:2004-019056

(32) Priority Date

:27/01/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/001439

Filing Date

:26/01/2005

(87) International Publication No

:WO/2005/071481

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CANON KABUSHIKI KAISHA

Address of Applicant : 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo

Japan

(72)Name of Inventor :

1)MATSUDA, Yojiro

(57) Abstract :

Abstract A distribution of migration particles 5 and 6 dispersed in a closed space formed by-first substrate 1 and a second substrate 2 is changed by a display electrode 7 to effect display. The migration particles 5 and 6 are migration particles of two types having different charge polarities and a substantially identical color. To the display electrode 7, a display voltage of a predetermined polarity and a display voltage of a polarity opposite to the predetermined polarity of the display voltage are alternately applied. Stable display can be effected by removing a DC component from an applied voltage.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2774/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MEDIA DEVICE

(51) International classification	:H04N5/445,5/44
(31) Priority Document No	:0401830.5
(32) Priority Date	:28/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000304
Filing Date	:28/01/2005
(87) International Publication No	:WO/2005/074265
(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)HOLLIDAY, David
2)TRIMNELL, Ian
3)FREEMAN, Ben
4)CROSSLEY, Robin
5)JAMES, Nicholas

(57) Abstract :

Abstract A receiver (3) for television signals has a primary video output (22a) connected to a primary TV (2a) and a secondary video output (22b) connected to a secondary TV (2b) at a remote location (42b). The receiver (3) can be controlled by an infrared remote control (28) either directly or from the remote location (42b) via a remote control extender (40). The primary TV (2a) may be a widescreen TV with a 16:9 picture format, while the secondary TV (2b) has a 4:3 picture format. The receiver (3) can output video signals suitable for either format, but must apply the same format to both the primary and secondary video outputs (22a, 22b). The receiver (3) detects whether control signals are arriving directly or via the remote control extender, and automatically selects the correct format. In another embodiment, a wireless audio base station (55) is connected to the receiver (3) for relaying audio signals and programme data to a wireless audio receiver (60). The programme data is encoded as characters for display by the wireless audio receiver (60). The wireless audio receiver (60) also relays user control signals back to the base station (55) for controlling the output of the receiver (3). This embodiment allows convenient listening to radio stations and display of programme information.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2775/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TECHNIQUES FOR COMBINING VOICE WITH WIRELESS TEXT SHORT MESSAGE SERVICES

(51) International classification	:H04M1/00,H04Q7/20	(71)Name of Applicant :
(31) Priority Document No	:11/019,754	1)KIRUSA, INC.
(32) Priority Date	:21/12/2004	Address of Applicant : 571 CENTRAL AVENUE, SUITE 108 NEW
(33) Name of priority country	:U.S.A.	PROVIDENCE, NJ, U.S.A.
(86) International Application No	:PCT/US2004/043573	(72)Name of Inventor :
Filing Date	:21/12/2004	1)Inderpal, Singh MUMICK,
(87) International Publication No	:WO/2005/062976	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Combining speech with existing text wireless Short Message Service (SMS), to create a multimodal SMS service. A user of standard SMS text service is provided with a link within each message that allows adding or retrieval of a voice message associated with an SMS text message. A speech server in the wireless network may be used for recognition of voice commands, rendering of text into speech, and recording or playing back voice recordings. The messages may be retrieved or sent using any wireless handset. Additional services that may be used include message lists, prerecorded messages, integration with voicemail systems, image and video messages, cross-functional applications with Multimedia Messaging Services (MMS) and Enhanced Message Services (EMS), and extensions of the combination of voice with text SMS to other computing devices such as PDAs and PCs.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2776/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROJECTION DISPLAY WITH LIGHT RECYCLING

(51) International classification	:H04N5/74,9/31
(31) Priority Document No	:60/540,708
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050298
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/074267
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)KRIJN, Marcellinus, P., C., M.
2)ZWART, Siebe, T.

(57) Abstract :

Abstract A light-valve system is adapted to recycle light includes a light-valve, which is optically coupled to a projection lens. The illustrative systems also includes a light recycling device, which reflects at least a portion of the light that is reflected by the light valve back along a light path of the system and to an imaging surface increasing the brightness of an image.

(54) Title of the invention : METHOD FOR PRODUCING OPTICALLY ACTIVE CARBOXYLIC ACID

(51) International classification	: C07C 51/36	(71)Name of Applicant :
(31) Priority Document No	:2003-089605	1)TAKASAGO INTERNATIONAL CORPORATION
(32) Priority Date	:28/03/2003	Address of Applicant :37-1, Kamata 5-chome, Ohta-ku, Tokyo 1448721
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2004/004373	(72)Name of Inventor :
Filing Date	:26/03/2004	1)AMANO, Akira
(87) International Publication No	:WO/2004/087632	2)IGARASHI, Daisuke
(61) Patent of Addition to Application Number	:NA	3)SAYO, Noboru,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for producing a desired optically active carboxylic acid with a high optical purity, wherein a complex catalyst used can be recovered and reused as an aqueous solution. The method contains the step of subjecting an α,β -unsaturated carboxylic acid in water or a mixed solvent of water and a water-insoluble organic solvent in the presence of a sulfonated BINAP-Ru complex represented by the formula [3]:

$[\text{RuX}(\text{arene})\{\text{SO}_3\text{M}\}_2\text{BINAP}]X$ [3] wherein X represents a chlorine atom, a bromine atom or an iodine atom, arene represents a benzene or an alkyl-substituted benzene, M represents an alkaline metal atom, and BINAP represents 2,2'-bis(diphenylphosphine)-1,1'-binaphthyl to an asymmetric hydrogenation. The sulfonated BINAP-Ru complex can be recycled.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2777/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 1,3,5-TRISUBSTITUTED 4,5-DIHYDRO-1H-PYRAZOLE DERIVATIVES HAVING CB1-ANTAGONISTIC ACTIVITY

(51) International classification :A61/K31/4155,C07D231/06,A61P25/00	(71)Name of Applicant :
(31) Priority Document No :04100338.5	1)SOLVAY PHARMACEUTICALS B.V.
(32) Priority Date :30/01/2004	Address of Applicant : C.J. van Houtenlaan 36, NL-1381 CP Weesp
(33) Name of priority country :EUROPEAN UNION	Netherlands
(86) International Application No :PCT/EP2005/050339	(72)Name of Inventor :
Filing Date :27/01/2005	1)LANGE, Josephus H.M.
(87) International Publication No :WO/2005/074920	2)KRUSE, Cornelis G.
(61) Patent of Addition to Application Number :NA	3)VAN STUIVENBERG, Herman H.
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

Abstract The present invention relates to 1,3,5-trisubstituted 4,5-dihydro-1 H-pyrazole derivatives as CB1 antagonists, to methods for the preparation of these compounds and to novel intermediates useful for the synthesis of said pyrazole derivatives. The invention also relates to the use of a compound disclosed herein for the manufacture of a medicament giving a beneficial effect. The compounds have the general formula (I) wherein the symbols have the meanings given in the specification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2778/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GUEST DONGLE AND METHOD OF CONNECTING GUEST APPARATUSES TO WIRELESS HOME NETWORKS

(51) International classification	:H04L29/06	(71)Name of Applicant :
(31) Priority Document No	:04100322.9	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:29/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Afghanistan
(86) International Application No	:PCT/IB2005/050307	(72)Name of Inventor :
Filing Date	:26/01/2005	1)SCHREYER, Oliver
(87) International Publication No	:WO/2005/074227	2)ERDMANN, Bozena.,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention relates to a dongle (3) for access of guest apparatuses (2) to a wireless home network (1). The dongle (3) comprises a memory and processing unit (33) which is connected to the guest apparatus (2) by means of an antenna (32) as well as a configuration-free interface (31). The invention also relates to a method of connecting guest apparatuses (2) to wireless home networks (1), wherein the access of the guest apparatus (2) is realized via a dongle (3) which is connected to an interface (31) of the guest apparatus (2). Fig. 1

(54) Title of the invention : AUDIO/VIDEO SYSTEM

(51) International classification	:H04S3/00,7/00,G01S5/18	(71)Name of Applicant :
(31) Priority Document No	:04100323.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:29/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050312	(72)Name of Inventor :
Filing Date	:26/01/2005	1)ULLMANN, Paul
(87) International Publication No	:WO/2005/074320	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

abstract In an audio/video system having an audio reproduction device (CU) for reproduction of audio signals via at least one loudspeaker unit (LSB1 - LSB5) and having an ultrasonic signal-generating device (6) for generating ultrasonic signals (UT1 - UT3; UT4), wherein the ultrasonic signal-generating device (6) is designed to emit the ultrasonic signals to at least one loudspeaker unit (LSB1, LSB3), which loudspeaker unit is designed to emit the ultrasonic signals, and having an ultrasonic signal-receiving device (5) for receiving ultrasonic signals (UR1 - UR3; UR4) and having an ultrasonic signal-processing unit (7) for processing ultrasonic signals received by the ultrasonic signal-receiving means (5), the ultrasonic signal-processing unit (7) is designed automatically to detect the presence of at least one person (1) from changes in the received ultrasonic signals (UR1 - UR3; UR4) and to emit a detection signal (DS).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2780/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ENHANCEMENT OF VIDEO IMAGES BY BOOST OF SECONDARY COLORS

(51) International classification	:H04N9/64
(31) Priority Document No	:60/540,710
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050361
Filing Date	:27/01/2005
(87) International Publication No	:WO/2005/074301
(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)SHIMIZU, Jeffrey, Arthur

(57) Abstract :

A method for enhancing a video image by processing a video signal includes inputting a video signal and boosting color saturation or lightness of the video signal as its hue gets closer to a secondary color, and/or shifting the hue of the video signal toward one or more secondary colors. This produces an enhancement of secondary color representation, for example by boosting cyan and yellow colors while not boosting primary colors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2781/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A DIGITAL TELEVISION SYSTEM WITH RAPID CHANNEL SURFING

(51) International classification :H04N7/24,5/50
(31) Priority Document No :60/540,139
(32) Priority Date :29/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/IB2005/050357
Filing Date :27/01/2005
(87) International Publication No :WO/2005/074290
(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)VLIMMEREN, Bernard A. C. Van

3)WOERKOM, Harald H. A. Van

4)EGGENHUISEN, Huib H.

5)VERHOEVEN, Marcus G.

6)JOCHENSEN, Robert

7)PEREZ, Clara Otero

(57) Abstract :

ABSTRACT A digital television system includes a first tuner and first decoder for tuning to and decoding a selected digital television signal. A second tuner and second decoder are included for tuning to and decoding a separate digital television signal containing mosaic views of the receivable television signals. Upon a channel change command, first tuner is tuned to the new channel. Simultaneously, the output from the second decoder corresponding to the new channel is applied to the display. As such, the new channel is available for immediate viewing without waiting during the typical decoder delay.

(54) Title of the invention : EXPANDED POLYSTYRENE BEAD HAVING FUNCTIONAL SKIN LAYER, MANUFACTURING PROCESS THEREOF, AND FUNCTIONAL EPS PRODUCT AND MANUFACTURING PROCESS THEREOF US

(51) International classification	:C08J9/16
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/KR2004/000182
Filing Date	:30/01/2004
(87) International Publication No	:WO/2005/073301
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MIN, Young-Hong
Address of Applicant : 104-403 Dongbu Apt., 1068-1, Udu-dong,
Chuncheon-si, Gangwong-do 200-940, Democratic People's Republic
(72)**Name of Inventor :**
1)PARK, Bong-Kuk

(57) Abstract :

Abstract Disclosed herein are expanded polystyrene particles having a polyvinyl acetate resin-based functional skin layer formed on the' surface of expanded polystyrene particles. Further disclosed are a process for producing the expanded polystyrene particles and the use of the expanded polystyrene particles. According to the expanded polystyrene particles of the present invention, inherent properties of the expanded polystyrene, e.g., light weight, thermal insulation properties, shape stability, buffering properties and sound absorption, are ensured, and superior low-temperature bonding properties, air-tightness, waterproofness and durability are provided by the vinyl acetate based polymer constituting the skin layer. Optionally, various functional additives, including flame retardants, water repellents, antibacterial agents, colorants, flavoring agents, etc., can be added to the polyvinyl acetate resin to impart a variety of functions to the expanded polystyrene particles in a simple manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2783/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYNDIOTATIC POLYPROPYLENE COMPOSITION COMPRISING A THERMOPLASTIC ELASTOMER

(51) International classification	:C08L25/10,23/10,A61J1/00,C08L53/02	(71) Name of Applicant : 1)RENOLIT AG Address of Applicant : Horchheimer Strasse 50, 67547 Worms Germany
(31) Priority Document No	:04100347.6	(72) Name of Inventor :
(32) Priority Date	:30/01/2004	1)KARSTEN, Petrus
(33) Name of priority country	:EUROPEAN UNION	2)MULKENS, Edmond
(86) International Application No	:PCT/EP2005/050370	
Filing Date	:28/01/2005	
(87) International Publication No	:WO/2005/075558	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Polymer composition comprising a thermoplastic elastomer including styrene and isoprene and/or vinylisoprene units (SI) and a syndiotactic polypropylene (s-PP).

(54) Title of the invention : SYSTEM AND METHOD FOR MANAGING A PROXY REQUEST OVER A SECURE NETWORK USING INHERITED SECURITY ATTRIBUTES

(51) International classification	:GO6F,HO4L
(31) Priority Document No	:10/748,845
(32) Priority Date	:29/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/003831
Filing Date	:23/11/2004
(87) International Publication No	:WO/2005/065008
(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)BARRETT, Jeremy
2)WATKINS, Craig, R.
3)CAIN, Adam

(57) Abstract :

Abstract Methods, devices, and systems are directed to managing a proxy request over a secure network using inherited security attributes. Proxy traffic, such as HTTP proxy traffic, is tunneled through a secure tunnel such that the proxy request inherits security attributes of the secure tunnel. The secure attributes may be employed to enable proxy access to a server, thereby extending a security property of the secure tunnel to the proxy connection tunneled through it. A secure tunnel service receives a proxy request from a client and modifies the proxy request to include the security attribute. In one embodiment, the security attribute is an identifier that enables a proxy service may employ to determine another security attribute. The proxy service is enabled to employ the security attribute, and the security attribute to determine if the client is authorized access to the server.

(54) Title of the invention : Ion exchange dental device and method

(51) International classification : A61C 3/00

(31) Priority Document No :60/532,570

(32) Priority Date :29/12/2003

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

(86) International Application No :PCT/IL2004/001174

Filing Date :29/12/2004

(87) International Publication No :WO/2005/062710

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)FLUORINEX ACTIVE LTD.Address of Applicant : P.O. Box 2252, Nazareth Industry Zone, 16000
Nazareth Israel

(72)Name of Inventor :

1)JUBEH, Maher**2)KHAWALEH, Kamal**

(57) Abstract :

A device and method for enhanced fluoride uptake by are provided herein. The method includes pre-treating the teeth with a metal salt solution, and then treating the teeth with a fluoride gel and electrical current. A pretreatment tray includes a sponge for absorbing metal salt solution and for prevention of leaking thereof into the mouth. The treatment device includes at least two electrodes, and an applicator for applying an ionizable fluoride substance to the teeth. A current flow is provided, which flow runs through the device and external to the body of the individual.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2786/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING PRILLS OF BISPHENOL A

(51) International classification :C07C37/70,39/16

(31) Priority Document No :2004-021215

(32) Priority Date :29/01/2004

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2005/001267

Filing Date :28/01/2005

(87) International Publication No :WO/2005/073153

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant : 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo,
1008321 Japan

(72)Name of Inventor :

1)KOHIRUIMAKI, Jun

2)YOSHITOMI, Kazuyuki

3)MASUDA, Shuichi

4)KODAMA, Masahiro

5)NOJO, Hideki

(57) Abstract :

There is provided a process for producing a prill of bisphenol A, comprising the step of dropping a melt of bisphenol A from a nozzle plate disposed at an upper portion of a granulating column and flowing a cooling gas upwardly from a lower portion of the granulating column, said process satisfying the following conditions (a) to (c): (a) a diameter of respective orifices of the nozzle being in the range of 0.3 to 1.0 mm; (b) a discharge velocity of the melt of bisphenol A from the nozzle being in the range of 0.5 to 1.8 m/s; and (c) a flow rate of the cooling gas being in the range of 0.7 to 2.0 m/s.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2787/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BIODEBRADABLE LUBRICATING OIL COMPOSITION

(51) International classification	:C10M169/04
(31) Priority Document No	:2004-024291
(32) Priority Date	:30/01/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/001216
Filing Date	:28/01/2005
(87) International Publication No	:WO/2005/073353
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IDEMITSU KOSAN CO., LTD.
Address of Applicant : 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo,
1008321 Japan
(72)**Name of Inventor :**
1)KAWASAKI, Hiroshi

(57) Abstract :

ABSTRACT [PROBLEMS] To provide a biodegradable lubricating oil composition which has excellent biodegradability, a high viscosity index, a low pour point, a high flash point, being satisfactory with lubricity, oxidative stability, property of preventing the corrosion of iron and non-ferrous metals, and suitability for use with sealing materials. [MEANS FOR SOLVING THE PROBLEMS] A biodegradable lubricating oil composition comprising (A) a synthetic ester base oil comprising at least 50 mass% hindered ester of an aliphatic monocarboxylic acid with an aliphatic hindered polyol which has one or more quaternary carbon atoms per molecule and in which at least one of the quaternary carbon atoms has one to four methylol groups bonded thereto and (B) ingredients which are (a) 0.1 to 5.0 mass% phenolic antioxidant, (b) 0.01 to 2.0 mass% calcium sulfonate having a low base number, and (c) 0.01 to 1.0 mass% triazole compound, and has the degree of biodegradation of 60 % or higher when examined by the test for the degree of microbial degradation of chemical substances according to the OECD Test Guideline 301C method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2788/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HETEROCYCLICALLY SUBSTITUTED 7-AMINO-4-QUINOLONE-3-CARBOXYLIC ACID DERIVATIVES, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE AS MEDICAMENTS

(51) International classification	:C07D471/04,401/12,A61K31/4375,31/47	(71) Name of Applicant :	
(31) Priority Document No	:10 2004 004 972.6	1)SANOFI-AVENTIS DEUTSCHLAND GMBH	
(32) Priority Date	:31/01/2004	Address of Applicant : Bruningstrasse 50, D-65929 Frankfurt Germany	
(33) Name of priority country	:Germany	(72) Name of Inventor :	
(86) International Application No	:PCT/EP2005/000372	1)DEFOSSA, Elisabeth	
Filing Date	:15/01/2005	2)KADEREIT, Dieter	
(87) International Publication No	:WO/2005/073230	3)RUF, Sven	
(61) Patent of Addition to	:NA	4)KLABUNDE, Thomas	
Application Number	:NA	5)SCHMOLL, Dieter	
Filing Date		6)HERLING, Andreas	
(62) Divisional to Application	:NA	7)WENDT, Karl-Ulrich	
Number			
Filing Date	:NA		

(57) Abstract :

ABSTRACT The invention relates to heterocyclically substituted 7-amino-4-quinolone-3-carboxylic acid derivatives as well as their physiologically compatible salts and physiologically functional derivatives. The invention concerns compounds of formula (I), wherein the radicals have the cited meanings, and the physiologically compatible salts thereof. The compounds are suited for use, e.g. as medicaments for preventing and treating type 2 diabetes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2789/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CYCLOALKYL SUBSTITUTED 7-AMINO-4-QUINOLONE-3-CARBOXYLIC ACID DERIVATIVES, METHOD FOR THE PRODUCTION THEREOF AND THEIR USE AS MEDICAMENTS

(51) International classification :C07D471/04,A61K31/4375,A61P3/10	(71) Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant : Bruningstrasse 50, 65929 Frankfurt Germany
(31) Priority Document No :10 2004 004 971.8	(72) Name of Inventor :
(32) Priority Date :31/01/2004	1)DEFOSSA, Elisabeth
(33) Name of priority country :Germany	2)KADEREIT, Dieter
(86) International Application No :PCT/EP2005/000373	3)KLABUNDE, Thomas
Filing Date :15/01/2005	4)SCHMOLL, Dieter
(87) International Publication No :WO/2005/073231	5)HERLING, Andreas
(61) Patent of Addition to Application Number :NA	6)WENDT, Karl-Ulrich
Filing Date :NA	7)RUF, Sven
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

The invention relates to cycloalkyl substituted 7-amino-4-quinolone-3-carboxylic acid derivatives as well as their physiologically compatible salts and physiologically functional derivatives. The invention concerns compounds of formula (I), wherein the radicals have the cited meanings, and the physiologically compatible salts thereof. The compounds are suited for use, e.g. as medicaments for preventing and treating type 2 diabetes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2790/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONVERTING A HETEROGENEOUS DOCUMENT

(51) International classification	:G06F15/16	(71)Name of Applicant :
(31) Priority Document No	:NA	1)SANKHYA TECHNOLOGIES PRIVATE LIMITED
(32) Priority Date	:NA	Address of Applicant : Third Floor, Jayashree, 13/2, Jayalakshmpuram
(33) Name of priority country	:NA	First Street, Nungambakkam, Chennai 600 034, Tamil Nadu Tamil Nadu India
(86) International Application No	:PCT/IN2004/000020	(72)Name of Inventor :
Filing Date	:28/01/2004	1)GOPI, Kumar, Bulusu
(87) International Publication No	:WO/2005/073867	2)MURALI, Desikan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A method for transforming a heterogeneous compound document to a desired format based on a prescribed model is provided. The method comprises the steps of: (i) specifying the components of the heterogeneous compound document as a hierarchical tree structure in multiple formats and specifying the input sources of information for each of the components as part of the model; (ii) verifying and composing the heterogeneous compound document using a modeling language parser and a document composer by dynamically obtaining input information from the sources specified in the model and (iii) converting the input compound document to the desired format using the document composer. A system for performing the abovementioned method is also provided. Figure 4.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2791/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 7-PHENYLAMINO-4-QUINOLONE-3-CARBOXYLIC ACID DERIVATIVES, METHODS FOR PRODUCTION AND USE THEREOF AS MEDICAMENTS

(51) International classification :C07D471/04,A61K31/4375,A61P3/10	(71) Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant : Bruningstrasse 50, 65929 Frankfurt Germany
(31) Priority Document No :10 2004 004 973.4	(72) Name of Inventor :
(32) Priority Date :31/01/2004	1)DEFOSSA, Elisabeth
(33) Name of priority country :Germany	2)KADEREIT, Dieter
(86) International Application No :PCT/EP2005/000363	3)RUF, Sven
Filing Date :15/01/2005	4)KLABUNDE, Thomas
(87) International Publication No :WO/2005/073229	5)SCHMOLL, Dieter
(61) Patent of Addition to Application Number :NA	6)HERLING, Andreas
Filing Date :NA	7)WENDT, Karl-Ulrich [
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

ABSTRACT The invention relates to 7-phenylamion-4-quinolone-3-carboxylic acid derivatives, the physiologically-acceptable salts and physiologically-functional derivatives thereof, also compounds of formula (I), wherein the groups have the given meanings and the physiologically-acceptable salts thereof Said compound are suitable for use, for example, as medicaments for the prevention and treatment of type 2-diabetes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2792/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : EMULSIFIABLE CONCENTRATE COMPRISING A DINITROANILINE COMPOUND

(51) International classification :A01N25/22,33/18

(31) Priority Document No :60/540,298

(32) Priority Date :30/01/2004

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

(86) International Application No :PCT/EP2005/000861

Filing Date :28/01/2005

(87) International Publication No :WO/2005/074683

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)RHODIA CHIMIE

Address of Applicant : 26 Quai Alphonse le Gallo, F-92512 Boulogne-Billancourt Cedex France

(72)Name of Inventor :

1)GIOIA, Paul

(57) Abstract :

The invention relates to an emulsifiable concentrate comprising an active ingredient being a dinitroaniline compound, preferably selected from the group consisting of pendimethalin, trifluralin and mixtures thereof. The emulsifiable concentrate of the invention avoids crystallization at low temperature when the concentration of the active ingredient is high. Accordingly, the emulsifiable concentrate comprises a diester co-solvent having the following formula $R1OOC-(CH_2)_n-COOR_2$, wherein R1 and R2, identical or different, are C1-C10, preferably C1-C6, linear or branched, alkyl, aryl, alkaryl or arylalkyl groups, and n is an average number of from 2 to 4.

(54) Title of the invention : LIGHT GUIDE FOR USE IN SURFACE LIGHT SOURCE UNIT AND PRODUCTION METHOD THEREFOR AND SURFACE LIGHT SOURCE UNIT

(51) International classification	:F21V8/00,G02F1/3357	(71) Name of Applicant :
(31) Priority Document No	:2004-021604	1)MITSUBISHI RAYON CO., LTD.
(32) Priority Date	:29/01/2004	Address of Applicant : 6-41, Konan 1-chome, Minato-ku, Tokyo, Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2005/001002	1)MURAYAMA, Yoshiaki
Filing Date	:26/01/2005	2)SAIKI, Atsushi
(87) International Publication No	:WO/2005/073624	3)HAYASHI, Yasuko
(61) Patent of Addition to Application Number	:NA	4)YAMASHITA, Tomoyoshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surface light source unit comprising a primary light source (1), a light guide (3) for guiding light emitted therefrom, and a light polarization element (4) disposed on the light exit surface (33) thereof, as a surface light source unit in which a luminance unevenness, in an area near a light guide light entry end surface, caused by the thinning of a light guide is hardly recognized visually and little specific light exit is observed in an oblique direction near the light entry end surface. The light guide light entry end surface (31) is specified such that a light-guide-thickness-direction average inclined angle obtained based on measurement by a ultra-depth shape measuring microscope is 3° through 12°, the presence proportion of components having an inclined angle of at least 20° in an inclined angle frequency distribution up to 40%, a light-guide-thickness-direction center line average roughness Ra 0.2 μm through 0.4 μm, and a light-guide-thickness-direction ten-point average roughness Rz 0.7 μm through 2.0 μm.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2794/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PYRROLO PYRIMIDINE DERIVATIVES USEFUL FOR TREATING PROLIFERATIVE DISEASES

(51) International classification :C07D403/00

(31) Priority Document No :60/540,034

(32) Priority Date :29/01/2004

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

(86) International Application No :PCT/EP2005/000876

Filing Date :28/01/2005

(87) International Publication No :WO/2005/075460

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)CARAVATTI, Giorgio

2)TRAXLER, Peter

3)ESSER, Thomas

4)HE, Handan

(57) Abstract :

The present invention relates to a compound of formula (I), wherein R1 is a heterocyclic radical or an unsubstituted or substituted aromatic radical; G is C1-C7-alkylene, -C(=O)-, or C1-C6-alkylene-C(=O)- wherein the carbonyl group is attached to the piperazine moiety; Q is -NH- or -O-, with the proviso that Q is -O- if G is -C(=O)- or C1-C6-alkylene-C(=O)-; and X is either not present or C1-C7-alkylene, with the proviso that a heterocyclic radical R1 is bonded via a ring carbon atom if X is not present; or a salt thereof, which is useful for treating anti-proliferative diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2795/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ORGANIC COMPOUNDS

(51) International classification :C07D207/12,A61K31/4015,A61P11/06
(31) Priority Document No :0402101.0
(32) Priority Date :30/01/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/000874
Filing Date :28/01/2005
(87) International Publication No :WO/2005/075420
(61) Patent of Addition to Application :NA
Number :NA
Filing Date :NA
(62) Divisional to Application :NA
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)BHALAY, Gurdip

2)DUNSTAN, Andrew

3)GLEN, Angela

4)HOWE, Trevor, John

5)MCCARTHY, Clive

(57) Abstract :

Compounds of formula (I) in free or salt form, wherein T, X, Y, U, R1, R2, m, n and p have the meanings as indicated in the specification, are useful for treating conditions mediated by CCR3. Pharmaceutical compositions that contain the compounds and processes for preparing the compounds are also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2796/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TREATMENT OF NEURODEGENERATIVE DISEASES BY THE USE OF GPR49

(51) International classification

:A61K39/00

(31) Priority Document No

:04001894.7

(32) Priority Date

:29/01/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2004/013539

Filing Date

:29/11/2004

(87) International Publication No

:WO/2005/074980

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CELLZOME AG

Address of Applicant : Meyerhofstrasse 1, 69117 Heidelberg Germany

(72)Name of Inventor :

1)HOPF, Carsten

2)DREWES, Gerard

3)RUFFNER, Heinz

(57) Abstract :

(54) Title of the invention : SURFACE LIGHT SOURCE UNIT AND LIGHT GUIDE USE THEREIN

(51) International classification	:F21V8/00,G02F1/3357	(71)Name of Applicant :
(31) Priority Document No	:2004-021606	1)MITSUBISHI RAYON CO., LTD.
(32) Priority Date	:29/01/2004	Address of Applicant : 6-41, Konan 1-chome, Minato-ku, Tokyo, Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2005/001001	1)YAMASHITA, Tomoyoshi
Filing Date	:26/01/2005	2)HAYASHI, Yasuko
(87) International Publication No	:WO/2005/073623	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surface light source unit comprising a primary light source (1) and a platy light guide (3) having a light entry end surface (31), a light exit surface (33) and a rear surface (34), as an edge-light system surface light source unit which can prevent luminance lowering at the light entry end surface side corner or the like of a light guide light exit surface and is free from the grade lowering of a display image even at oblique-direction observing. A frame (7) covering the peripheral edge of the light guide light exit surface (33) and defining an effective light emitting part (F) is provided. On the light diffusing light exit surface (33) is formed a high-light-diffusing area taking up a greater part of an area corresponding to the effective light emitting part (F) and having a light diffusing performance higher than that of a general light diffusing area in an area that is other than an area corresponding to the light emitting unit of the primary light source (1) and forms at least part of an area close to the light entry end surface (31) or a side end surface adjacent thereto. The high-light-diffusing area is mostly positioned outside an area corresponding to the effective light emitting part (F).

(54) Title of the invention : CABLE GLAND AND FUEL SYSTEM ELEMENT WITH A CABLE GLAND

(51) International classification	:F02M51/00
(31) Priority Document No	:10 2004 004 706.5
(32) Priority Date	:30/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2004/002557
Filing Date	:19/11/2004
(87) International Publication No	:WO/2005/073547
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :
1)ROBERT BOSCH GMBH
Address of Applicant : Postfach 30 02 20, D-70442 Stuttgart Germany
(72)Name of Inventor :
1)HANNEKE, Juergen
2)STREICHER, Bernd
3)SCHILLING, Arzu

(57) Abstract :

Abstract A cable gland (41), particularly a high-pressure cable gland for fuel systems, has a conical body (45, 46) that is tapered, at least section-wise and has at least one support body (55) that is connected to the conical body (45, 46). The support body (55) thereby encompasses at least one passageway opening (56). Further, at least one electrically conducting filament (31, 32) is guided through the passageway opening (56). The connection between the conical body (45) and the support body (55) is thereby designed to be of a sealing nature and the filament (31, 32) is connected in such a manner to the support body (55) in the passageway opening (56) that the filament (31, 32) is held in the passageway opening (56) and sealing of the passageway opening (56) is achieved. Apart from this, a fuel system element, particularly a fuel injection valve (1) is specified with such a cable gland (41, 42) which also encompasses a component (12) that can be impacted upon by fuel under high pressure. (Figure 1)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2799/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TREATMENT OF NEURODEGENERATIVE DISEASES BY THE USE OF ATP7A INHIBITORS

(51) International classification	:C12N9/14,15/11,A61K31/713,C12Q1/34	(71)Name of Applicant :
(31) Priority Document No	:04001895.4	1)CELLZOME AG
(32) Priority Date	:29/01/2004	Address of Applicant : Meyerhofstrasse 1, 69117 Heidelberg Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/013538	1)HOPF, Carsten
Filing Date	:29/11/2004	2)DREWES, Gerard
(87) International Publication No	:WO/2005/075632	3)RUFFNER, Heinz
(61) Patent of Addition to	:NA	4)DREWES, Gerard
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to the use of a ATP7A-interacting molecule for the preparation of a pharmaceutical composition for the treatment of a neurogenerative disease. Hereby the ATP7A-interacting molecule is preferably an inhibitor of ATP7A and particularly it has the capacity to modulate the activity of gamma-secretase and/or beta-secretase. Furthermore the invention concerns a process for identifying a gamma-secretase and/or a beta-secretase modulator comprising the following steps: a. identifying of a ATP7A-interacting molecule by determining whether a given test compound is a ATP7A-interacting molecule, b. determining whether the ATP7A-interacting molecule of step a) is capable of modulating gamma-secretase and/or beta-secretase activity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2800/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CRYSTALLINE POLYMORPHS OF A CXC-CHEMOKINE RECEPTOR LIGAND

(51) International classification :C07D307/52,A61K31/341,A61P29/00,35/00
(31) Priority Document No :60/540,487
(32) Priority Date :30/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No:PCT/US2005/003414
Filing Date :28/01/2005
(87) International Publication No :WO/2005/075447
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to Application :NA
Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SCHERING CORPORATION

Address of Applicant : Patent Department K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, New Jersey 07033-0530 U.S.A.

(72)Name of Inventor :

1)HU, Mengwei

2)YU, Younong

3)DWYER, Michael

4)TAVERAS, Arthur, G.

5)KIM-MEADE, Agnes

6)YIN, Jianguo

7)FU, Xiaoyong

8)MCALLISTER, Timothy

9)ZHANG, Shuyi

10)KLOPFER, Kevin

(57) Abstract :

Abstract The present invention relates to four distinct crystalline polymorphs of a monohydrate of Compound A having the following chemical structure (A). These four polymorphic forms, herein referred to as Forms I, II, III and IV are active as a CXC-chemokine receptor- ligands. The invention is further directed to formulations, methods of treatment, and processes of synthesis of these polymorphic forms. i

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2801/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FINISHING COMPOSITIONS WITH REDUCED VOLATILE ORGANIC COMPOUNDS

(51) International classification

:C09G1/02

(31) Priority Document No

:10/767,633

(32) Priority Date

:29/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2004/039959

Filing Date

:30/11/2004

(87) International Publication No

:WO/2005/075590

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 U.S.A.

(72)Name of Inventor :

1)SMITH, Richard, S.;

2)HOLLAND, Lowell, W.;

(57) Abstract :

Finishing composition substantially free of non-volatile silicone materials and comprises a mixture of abrasive particles and an emulsion, which comprises water, a volatile siloxane, and a lubricant.

(54) Title of the invention : LIGHT GUIDE FOR USE IN SURFACE LIGHT SOURCE UNIT AND PRODUCTION METHOD THEREFOR AND SURFACE LIGHT SOURCE UNIT

(51) International classification	:F21V8/00,G02B6/00	(71)Name of Applicant :
(31) Priority Document No	:2004-021605	1)MITSUBISHI RAYON CO., LTD.
(32) Priority Date	:29/01/2004	Address of Applicant : 6-41, Konan 1-chome, Minato-ku, Tokyo Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:PCT/JP2005/001082	1)NOZAKI, Yoshihito
Filing Date	:27/01/2005	
(87) International Publication No	:WO/2005/073625	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A surface light source unit has a primary light source (1) and a plat*-shaped light guide (3) having a light entrance end face (31) and a light exit face (33) . The luminance variation in the region near the light entrance end face of the light guide caused by reduction in size of the light guide is hardly perceived, and oblique singular light exit is, little near the light entrance end face. The light exit face (33) is roughened. The average angle of inclination θ_a of the surface of a specific region (A) near the light entrance end face (3D takes on a maximum value θ_{al} larger than the average value θ_{aO} of the average angle of inclination of the general region (B) except for the specific region between the boundary with the general region (B) and the boundary with the light entrance end face (31) and takes on an angle value θ_{a2} smaller than the average value θ_{aO} near the boundary with the light entrance end face (31) • The maximum value θ_{al} lies in the range frcca 2.2° or more to 4.0° or less. The average value θ_{aO} lies in the range from 1.4° or more to below 2.4°.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2803/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PARTICULATE CORE PREFORMING PROCESS

(51) International classification	:B29C70/30
(31) Priority Document No	:10/747,435
(32) Priority Date	:29/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/004295
Filing Date	:28/12/2004
(87) International Publication No	:WO/2005/065921
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KOHLER NEW ZEALAND LIMITED

Address of Applicant : 133 Diana Drive, Glenfield, Auckland New Zealand

(72)Name of Inventor :

1)OLIVER, Mark

2)JACKSON-HILL, Oliver, Charles, Graham

(57) Abstract :

A method of fabricating a preformed core material by utilizing a particulate preform process. The particulate core material is combined with an adhesive binder and deposited upon a porous surface (6), through which air is drawn, having the desired preform shape. Once the adhesive sets the deposited layer of core material is removed from the porous surface (6) and may be used as a core in a closed molding process. This method may also be used to fabricate a preformed laminate by depositing layers of fiber material before and/or after a core material is deposited.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2804/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HOUSING FOR A CENTRIFUGAL FAN, PUMP OR TURBINE

(51) International classification	:F04D29/42
(31) Priority Document No	:60/540,513
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/AU2005/000116
Filing Date	:31/01/2005
(87) International Publication No	:WO/2005/073561
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)PAX SCIENTIFIC, INC
Address of Applicant : 1615 Fifth Avenue, San Rafael, California 94901
U.S.A.
(72)**Name of Inventor :**
1)HARMAN, Jayden David

(57) Abstract :

A housing (14) for a blower, fan or pump or turbine (11), the housing (14) adapted to be associated with a rotor (12) adapted in use to cooperate with fluid flowing through the housing (14) wherein the housing (14) comprises a shroud for guiding the fluid moving in association with the rotor (12), the rotor (12) having at least one vane (13) adapted to cooperate with the fluid to drive or to be driven by the fluid, wherein the shroud is configured to promote vortical flow of the fluid through the housing (14).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2805/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FILLED OLEFIN POLYMER COMPOSITIONS HAVING IMPROVED MECHANICAL PROPERTIES AND SCRATCH RESISTANCE

(51) International classification	:C08L23/10
(31) Priority Document No	:60/534,349
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2004/003734
Filing Date	:12/11/2004
(87) International Publication No	:WO/2005/066265
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BASELL POLIOLEFINE ITALIA s.r.l.
Address of Applicant : Via Pergolesi 25, I-20124 Milano Italy

(72)**Name of Inventor :**
1)PELLEGATTI, Giampaolo
2)SONG, Cheng, Q.
3)DANG, Vu, A.
4)SMITH, Jeanine, A.

(57) Abstract :

Filled olefin polymer concentrates having improved mechanical properties and scratch resistance comprising: A. about 1.0 to about 40.0 wt% of an oxidized olefin polymer material; B. about 0.5 to about 40.0 of a maleated polypropylene; and C. about 7.0 to about 80.0 wt% of a filler chosen from fiberglass, carbon fibers, graphite fibers, whiskers, metal fibers, aramides, talc, wollastonite, calcium carbonate, mica, glass microspheres, ceramic microspheres, glass wool, rock wool, stainless steel wool, steel wool, gypsum, alumina, alumina-silica, silica, and mixtures thereof; wherein the sum of components A + B+ C is equal to 100 wt%.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2806/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITIONS AND METHODS TO TREAT RECURRENT MEDICAL CONDITIONS

(51) International classification	:A61K 31/42
(31) Priority Document No	:60/533,003
(32) Priority Date	:29/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043628
Filing Date	:29/12/2004
(87) International Publication No	:WO/2005/065308
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MCDEVITT, Jason
Address of Applicant : 124 Country Club Dr, Williamsburg, VA 23188
U.S.A.
2)DAVIS, Michael
(72)**Name of Inventor :**
1)MCDEVITT, Jason
2)DAVIS, Michael

(57) Abstract :

The invention describes methods and compositions for alleviating recurrent medical afflictions for which anxiety may cause or exacerbate the affliction. A subject suffering from the affliction is treated with a combination of a pharmaceutical that enhances learning, and a second pharmaceutical recognized to be useful for treatment of the affliction. Representative afflictions include insomnia, erectile dysfunction, female sexual dysfunction, neuropathic pain, attention deficit disorder, and depression.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2807/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS OF PREDICTING A BENEFIT OF ANTIOXIDANT THERAPY FOR PREVENTION OF CARDIOVASCULAR DISEASE IN HYPERGLYCEMIC PATIENTS

(51) International classification	:C07H21/04,C12Q1/68	(71) Name of Applicant :
(31) Priority Document No	:10/748,177	1)RAPPAPORT FAMILY INSTITUTE FOR RESEARCH IN THE
(32) Priority Date	:31/12/2003	MEDICAL SCIENCES
(33) Name of priority country	:Turkey	Address of Applicant : Efron Street, P.O. Box 9697, 31096 Haifa Israel
(86) International Application No	:PCT/IL2004/001006	(72) Name of Inventor :
Filing Date	:03/11/2004	1)LEVY, Andrew, P.
(87) International Publication No	:WO/2005/062706	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of determining a potential of a diabetic patient to benefit from anti oxidant therapy for treatment of a vascular complication, the method comprising determining a haptoglobin phenotype of the diabetic patient and thereby determining the potential of the diabetic patient to benefit from said anti oxidant therapy, whereby a patient having a haptoglobin 2-2 phenotype benefits from anti oxidant therapy more than a patient having a haptoglobin 1-2 phenotype or a patient having a haptoglobin 1-1 phenotype.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2808/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTIPARTICULATE FORMULATIONS FOR ORAL DELIVERY

(51) International classification	:A61K9/00	(71)Name of Applicant :
(31) Priority Document No	:0330255.1	1)VECTURA LTD
(32) Priority Date	:31/12/2003	Address of Applicant : 1 Prospect West, Chippenham Wiltshire SN14 6FH
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2004/050047	(72)Name of Inventor :
Filing Date	:24/12/2004	1)MORTON, David
(87) International Publication No	:WO/2005/063203	2)SIMPSON, David
(61) Patent of Addition to Application Number	:NA	3)STANIFORTH, John
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is directed to multiparticulate formulations for oral use, preferably comprising one or more therapeutically active agents. In particular, the present invention relates to fast melt formulations which are capable of masking the taste of the active agent, by virtue of one or more tastemasking measures, whilst retaining the desired drug dissolution profile and good mouthfeel. The multiparticulate formulations of the invention can be used in a multiple dose delivery device which dispenses a unit dose of the powder upon actuation, or can be packaged for dispensation in sachets or like unit dose containers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2809/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : EMBEDDING ADVERTISEMENTSIN SYNDICATED CONTENT

(51) International classification	:G09F13/08
(31) Priority Document No	:10/750,361
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/043048
Filing Date	:21/12/2004
(87) International Publication No	:WO/2005/065237
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)GOOGLE, INC.

Address of Applicant : 1600 Amphitheatre Parkway, Mountain View, CA
94043 U.S.A.

(72)**Name of Inventor :**

1)MINAR, Nelson

(57) Abstract :

Incorporating targeted ads into information in a syndicated, e.g., RSS, presentation format in an automated manner is described. Syndicated material e.g., corresponding to a news feed, search results or web logs, are combined with the output of an automated ad server. An automated ad server is used to provide keyword or content based targeted ads. The ads are incorporated directly into a syndicated feed, e.g., with individual ads becoming items within a particular channel of the feed. The resulting syndicated feed including targeted ads is supplied to the end user, e.g., as a set of search results or as a requested web log. Embedding of targeted ads into syndicated feeds and/or user response to the embedded ads is be tracked in an automated manner for billing. The automated targeting and insertion process allows ads to be kept current and timely while the original feed may be considerably older.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2810/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RHODOCOCCUS ERYTHROPOLIS LG12 HAVING ACRYLIC ACID DEGRADING ACTIVITY AND METHOD FOR REMOVING ACRYLIC ACID USING THE SAME

(51) International classification	:C12N1/20	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0073916	1)LG CHEM, LTD.
(32) Priority Date	:15/09/2004	Address of Applicant : 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-
(33) Name of priority country	:Democratic People's Repulic	721 Democratic People's Repulic
(86) International Application No	:PCT/KR2005/003063	(72)Name of Inventor :
Filing Date	:15/09/2005	1)LEE, Sanghyun
(87) International Publication No	:WO/2006/031071	2)CHO, Junhyeong
(61) Patent of Addition to Application Number	:NA	3)PARK, Ohjin
Filing Date	:NA	4)RHEE, Joowon
(62) Divisional to Application Number	:NA	5)PARK, Si Jae
Filing Date	:NA	

(57) Abstract :

[ABSTRACT] The present invention relates to a novel strain, Rhodococcus erythropolis LG12, having acrylic acid degrading activity and resistance to acrylic acid, and a method for removing acrylic acid from acrylic acid—containing contaminants using the same. The strain according to the invention has not only acrylic acid degrading activity but also resistance to a high concentration of acrylic acid thus will be useful to remove acrylic acid from acrylic acid—containing contaminants.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2811/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUGGESTING AND/OR PROVIDING TARGETING CRITERIA FOR ADVERTISEMENTS

(51) International classification	:G06F17/00
(31) Priority Document No	:10/750,451
(32) Priority Date	:31/12/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/044026
Filing Date	:30/12/2004
(87) International Publication No	:WO/2005/065401
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)GOOGLE, INC.
Address of Applicant : 1600 Amphitheatre Parkway, Mountain View, CA
94043 U.S.A.
(72)**Name of Inventor :**
1)KONINGSTEIN, Ross
2)SPITKOVSKY, Valentin
3)HARIK, Georges, R.
4)SHAZEER, Noam

(57) Abstract :

Keyword suggestions that are category-aware (and field-proven) may be used to help advertisers better target the serving of their ads, and may reduce unused ad spot inventory. The advertiser can enter ad information, such as a creative, a landing Webpage, other keywords, etc. for example. A keyword facility may use this entered ad information as seed information to infer one or more categories. It may then request that the advertiser confirm or deny some basic feedback information (e.g., categories, Webpage information, etc.). For example, an advertiser may be provided with candidate categories and may be asked to confirm (e.g., using checkboxes) which of the categories are relevant to their ad. Keywords may be determined using at least the categories. The determined keywords may be provided to the advertiser as suggested keywords, or may automatically populate ad serving constraint information as targeting keywords. The ad server system can run a trial on the determined keywords to qualify or disqualify them as targeting keyword.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2812/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GENERATING USER INFORMATION FOR USE IN TARGETED ADVERTISING

(51) International classification :G06F17/60

(31) Priority Document No :10/750,363

(32) Priority Date :31/12/2003

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

(86) International Application No :PCT/US2004/042912

Filing Date :21/12/2004

(87) International Publication No :PCT/US2004/042912

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GOOGLE, INC.

Address of Applicant : 1600 Amphitheatre Parkway, Mountain View, CA
94043 U.S.A.

(72)Name of Inventor :

1)BHARAT, Krishna

2)LAWRENCE, Stephen

3)SAHAMI, Mehran

(57) Abstract :

User profile information for a user may be determined by (a) determining initial user profile information for the user, (b) inferring user profile information for the user, and (c) determining the user profile information for the user using both the initial user profile information and the inferred user profile information. Initial user profile information for the user may be determined using past search queries submitted by the user may be inferred by (a) defining a node for each of a number of documents and the user, (b) adding edges between nodes if there is an association between the nodes to define a graph, and (c) inferring user profile information for the user using a topology of the graph and user profile information of other documents.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2813/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/07/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INITIATING SYSTEM FOR SOLID POLYESTER GRANULE MANUFACTURE

(51) International classification	:C08F2/22
(31) Priority Document No	:004900446
(32) Priority Date	:30/01/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000095
Filing Date	:27/01/2005
(87) International Publication No	:WO/2005/073257
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ORICA AUSTRALIA PTY LTD
Address of Applicant : 1 Nicholson Street, Melbourne, Victoria 3000
Australia
(72)**Name of Inventor :**
1)SUCH, Christopher Henry
2)CZAPSKI, Barbara Aurelia
3)SELIGMAN, Karen Lai-On
4)AJINKYA, Deepak
5)SERELIS, Algirdas Kazimieras

(57) Abstract :

The invention relates generally to solid polyester granules of the type used as matting agents in paints. In particular, the invention relates to a new redox initiating system for use in a suspension polymerisation process used to manufacture the solid polyester granules, to a process for the preparation of the solid polyester granules, and to paint compositions comprising solid polyester granules.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2814/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MODIFIED HUMAN FOUR HELICAL BUNDLE POLYPEPTIDES AND THEIR USES

(51) International classification :C07K14/61,A61K38/27 (31) Priority Document No :60/541,528 (32) Priority Date :02/02/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2005/003537 Filing Date :28/01/2005 (87) International Publication No :WO/2005/074650 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)AMBRX, INC. Address of Applicant : 10975 North Torrey Pines Road, Suite 100, La Jolla, CA 92037, U.S.A. (72)Name of Inventor : 1)CHO, Ho Sung 2)DANIEL, Thomas 3)DIMARCHI, Richard 4)HAYS, Anna-Maria; 5)WILSON, Troy 6)SIM, Bee-Cheng

(57) Abstract :

Modified human four helical bundle (4HB) polypeptides and uses thereof are provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2815/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COUPLING REACTIONS USEFUL IN THE PREPARATION OF (1H-TETRAZOL-5-YL)-BIPHENYL DERIVATIVES

(51) International classification :C07D405/10

(31) Priority Document No :0402262.0

(32) Priority Date :02/02/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP2005/000978

Filing Date :01/02/2005

(87) International Publication No :WO/2005/075462

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)KRELL, Christoph

2)HIRT, Hans

(57) Abstract :

The present invention relates to a process for the manufacture of intermediates that may be used for the manufacture of ARBs (also called angiotension II receptor antagonists or AT1 receptor antagonists) comprising as a common structural feature a (1H-tetrazol-5-yl)-biphenyl ring. Form PCT/ISA/210 (continuation of first sheet (3)) (January 2004)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2816/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR IN-PROCESS HANDLING OF CUMENE HYDROPEROXIDE WITH IMPROVED SAFETY

(51) International classification :C07C37/08

(31) Priority Document No :10/769,934

(32) Priority Date :02/02/2004

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

(86) International Application No :PCT/US2005/000296

Filing Date :06/01/2005

(87) International Publication No :WO/2005/075393

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SUNOCO, INC. (R & M)

Address of Applicant : 1735 Market Street, Philadelphia, PA 19103

U.S.A.

(72)Name of Inventor :

1)SKIPWORTH, James, G.

2)DELABAR, James, M.

(57) Abstract :

The present invention provides a method and apparatus for in-process handling of concentrated cumene hydroperoxide ("CHP") in a process for the production of phenol and acetone by the decomposition of CHP. The method of the present invention makes use of a tube and shell type heat exchanger as a vessel to accumulate a working volume of concentrated CHP from a distillation unit. Concentrated CHP is then fed to a decomposer unit from the accumulated working volume. Use of a tube and shell type heat exchanger improves safety over designs that make use of an unmodified tank or drum.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2817/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MODIFIED HUMAN GROWTH HORMONE POLYPEPTIDES AND THEIR USES

(51) International classification :C07K14/61,A61K38/27
(31) Priority Document No :60/541,528
(32) Priority Date :02/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002724
Filing Date :28/01/2005
(87) International Publication No :WO/2005/074546
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AMBRX, INC.

Address of Applicant : 10975 North Torrey Pines Road, Suite 100, CA
92037 U.S.A.

(72)Name of Inventor :

1)CHO, Ho Sung;

2)DANIEL, Thomas;

3)DiMARCHI, Richard;

4)HAYS, Anna-Maria;

5)WILSON, Troy;

6)SIM, Bee-Cheng;

7)LITZINGER, David;

(57) Abstract :

Modified human growth hormone polypeptides and uses thereof are provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2818/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MODIFIED HUMAN INTERFERON POLYPEPTIDES AND THEIR USES

(51) International classification	:C07K14/61,A61K38/27	(71) Name of Applicant :
(31) Priority Document No	:60/541,528	1)AMBRX, INC.
(32) Priority Date	:02/02/2004	Address of Applicant : 10975 North torrey Pines Road, Suite 100, La
(33) Name of priority country	:U.S.A.	Jolla, CA 92037 U.S.A.
(86) International Application No	:PCT/US2005/002599	(72) Name of Inventor :
Filing Date	:28/01/2005	1)CHO, Ho Sung;
(87) International Publication No	:WO/2005/074524	2)DANIEL, Thomas;
(61) Patent of Addition to Application Number	:NA	3)HAYS, Anna-Maria;
Filing Date	:NA	4)WILSON, Troy;
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Modified human interferon polypeptides and uses thereof are provided

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2819/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INDAZOLE DERIVATIVES AS INHIBITORS OF HORMONE-SENSITIVE LIPASES

(51) International classification	:C07D231/56,A61K31/416,A61P3/10	(71)Name of Applicant :
(31) Priority Document No	:10 2004 005 172.0	1)SANOFI-AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:02/02/2004	Address of Applicant : Bruningstrasse 50, 65929 Frankfurt Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/000365	1)ZOLLER, Gerhard
Filing Date	:15/01/2005	2)PETRY, Stefan
(87) International Publication No	:WO/2005/073199	3)MULLER, Günter
(61) Patent of Addition to Application Number	:NA	4)HEUER, Hubert
Filing Date	:NA	5)BARINGHAUS, Karl-Heinz
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to indazole derivatives of general formula (I) or (II), with the meanings as given in the description, the pharmaceutically-acceptable salts and use thereof as medicaments.

(54) Title of the invention : THERMAL OVERLOAD PROTECTION

(51) International classification	:H02H7/085
(31) Priority Document No	:20040155
(32) Priority Date	:02/02/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000067
Filing Date	:01/02/2005
(87) International Publication No	:WO/2005/074090
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB OY

Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland

(72)Name of Inventor :

1)KUIVALAINEN, Janne**2)OSTERBACK, Peter**

(57) Abstract :

A thermal overload protection (1) for an electrical device, particularly an electric motor (M), measures (10) a load current supplied to the electrical device (M), and calculates (16) the thermal load on the electrical device on the basis of the measured load current, and switches off (S2) a current supply (L1, L2, L3) when the thermal load reaches a given threshold level. The protection comprises a processor system employing X-bit, preferably X=32, fixed-point arithmetic, wherein a time-to-trip is also calculated by an equation that, together with its operands, is programmed into the microprocessor system structured such that a result or a provisional result never exceeds the X-bit value.

(54) Title of the invention : METHOD FOR ADJUSTING A WIPING ANGLE

(51) International classification	:B60S1/24,1/04	(71)Name of Applicant :
(31) Priority Document No	:10 2004 005 069.4	1)ROBERT BOSCH GMBH
(32) Priority Date	:02/02/2004	Address of Applicant : Postfach 30 02 20, D-70442 Stuttgart Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/050129	1)KRAUS, Achim
Filing Date	:13/01/2005	2)SURKAMP, Gundolf
(87) International Publication No	:WO/2005/073040	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention emanates from a process with which to set a wiper angle (CP1, CP2), between a stand-by position and a point of return (28, 30) of a wiper lever (16, 18) of a windscreen wiper system for a vehicle with at least one wiper lever (18), whose stand-by position or point of return (30) runs approximately parallel to an A-column (14) of a car body, that laterally borders a windscreen (10), whereby the wiper angle (CP2) is set by means of an eccentric ball pin (60) that is located at a free end of a driving crank (54) and connects the same through a toggle link (42) in an articulated manner to an engine crank (52), while the other end of the driving crank (54) sits in a torque-proof manner on a drive shaft (56) that drives a mounting part (58) of the wiper lever (18). It is proposed that the windscreen wiper system first be mounted without the eccentric ball pin (60) at the car body, that then a rivet spigot (64) of the eccentric ball pin (60) be inserted into a corresponding bore of the driving crank (54), that the optimal wiper angle (CP2) be determined and set in that by turning the eccentric ball pin (60) around a spigot axis (68) of the rivet spigot (64), the effective radius (78) between an articulated axis (66) of the eccentric ball pin (60) and an axis (76) of the drive shaft (56) be altered and that the rivet spigot (64) be finally fixed in the driving crank (54) in the set position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2822/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TIME-TEMPERATURE INDICATOR BASED ON VALENCE ISOMERIZATIONS

(51) International classification :G01N31/22,C08K5/34,C07D491/10,333/56
(31) Priority Document No :60/540,558
(32) Priority Date :02/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/050291
Filing Date :24/01/2005
(87) International Publication No :WO/2005/075978
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)FRESHPOINT HOLDINGS SA
Address of Applicant : Rue Fritz-Courvoisier 40, 2300 La Chaux-de-Fonds Switzerland
(72)**Name of Inventor :**
1)Yoav LEVY,
2)Dietrich HAARER,

(57) Abstract :

The present invention relates to a time temperature indicator comprising at least one indicator compound in a first isomeric form, which is converted into a second isomeric form of said indicator compound in a valence isomerization reaction without migration of an atom or chemical group attached to said indicator compound in a time and temperature dependent manner, wherein the formation of the second isomeric form is detectable by monitoring a physical characteristic of the indicator. The present invention also relates to a method of manufacturing such a time-temperature indicator comprising the steps of (a) embedding in or atop a matrix said indicator compound; and (b) inducing the formation of a metastable state of said embedded indicator compound.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2823/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : THERMAL OVERLOAD PROTECTION

(51) International classification	:H02H7/085
(31) Priority Document No	:20040154
(32) Priority Date	:02/02/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000066
Filing Date	:01/02/2005
(87) International Publication No	:WO/2005/074089
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ABB OY

Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland

(72)Name of Inventor :

1)KUIVALAINEN, Janne

2)OSTERBACK, Peter

(57) Abstract :

A thermal overload protection (1) for an electrical device, particularly an electric motor (M), measures (10) a load current supplied to the electrical device (M), and calculates (16) the thermal load on the electrical device on the basis of the measured load current, and shuts off (S2) a current supply (L1, L2, L3) when the thermal load reaches a given threshold level. The protection comprises a processor system employing X-bit, preferably X=32, fixed-point arithmetic, wherein the thermal load is calculated by a mathematic equation programmed into the microprocessor system structured such that a result or a provisional result never exceeds the X-bit value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2824/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HYDROGEL FOR USE IN DOWNHOLE SEAL APPLICATIONS

(51) International classification	:E21B33/12,C09K3/10	(71) Name of Applicant :
(31) Priority Document No	:60/541,035	1)SCHLUMBERGER CANADA LIMITED
(32) Priority Date	:02/02/2004	Address of Applicant : 525-3rd Avenue S.W., Calgary, Alberta T2P 0G4
(33) Name of priority country	:U.S.A.	Afghanistan
(86) International Application No	:PCT/IB2005/050386	(72) Name of Inventor :
Filing Date	:28/01/2005	1)LI, Yanmei
(87) International Publication No	:WO/2005/073501	2)ZHOU, Jian
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention is a composition for forming seals. The composition includes a base material and a hydrogel. The base materials is preferably an elastomer or a thermoplastic. Seals formed with the composition are particularly suited for use in a wellbore environment. The inclusion of hydrogel in the seals allows the seals to be manipulated or altered through certain environmental factors. For instance, temperature, oil/water ratio, pH and the electronic field may all be used to alter the characteristics of the hydrogel. In this way, the seal may be caused to swell in response to a specific stimulus, thereby preventing or sealing a leak without requiring additional work or input from the operator.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2825/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CORIOLIS MASS FLOW SENSOR

(51) International classification

:G01F1/84

(31) Priority Document No

:60/481,852

(32) Priority Date

:02/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2004/044066

Filing Date

:31/12/2004

(87) International Publication No

:WO/2005/068944

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)EMERSON ELECTRIC CO.

Address of Applicant : 8000 West Florissant, St. Louis, Missouri 63136

U.S.A.

(72)Name of Inventor :

1)BERGER, Todd

2)DILLE, Joseph, C.,

3)BIRDSALL, James

4)BROWN, Thomas, G.,

(57) Abstract :

Abstract A Coriolis mass flow sensor includes a flow tube, a light source, and a light pipe having a light inlet situated to receive light from the light source and a light outlet for emitting light received from the light source. A light detector receives light from the light pipe light outlet, and a drive device vibrates the flow tube such that the flow tube moves through a light path between the light outlet of the light pipe and the light detector. In certain embodiments, the light pipe defines a generally square cross section. A sensing aperture having a predetermined shape is situated between the light outlet of the light pipe and the light detector. The sensing aperture passes a portion of the light emitted from the light outlet of the light to the light detector, such that the light entering the light detector has the predetermined shape.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2826/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROVED STORAGE CAPACITY CONFIGURATION

(51) International classification :G11B27/034

(31) Priority Document No :0402273.7

(32) Priority Date :03/02/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/IB2005/050422

Filing Date :01/02/2005

(87) International Publication No :WO/2005/076279

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)WOOD, Karl, J.

(57) Abstract :

A method for configuring the storage capacity of a recording apparatus. An AV content item is recorded (104) preferably on a random access media, for example a hard disk based personal video recorder. It is then reproduced (106) for review by a user, possibly contemporaneously with the recording. During reproduction, the content and/or metadata associated with the content is analysed (108) to identify a pre-determined condition. Where a condition occurs (110), the user is prompted (112) for a response. The storage capacity used for storing the content item is then configured (116) according to the user response, including the case where no user response is provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2827/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OPTICAL DISC HAVING COMBINED ROM/R AREA

(51) International classification	:G11B7/14	(71)Name of Applicant :
(31) Priority Document No	:04100389.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:03/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA EINDHOVEN
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000249	(72)Name of Inventor :
Filing Date	:28/01/2005	1)MARTENS, Hubert, Cecile, Francois
(87) International Publication No	:WO/2005/076267	2)VLUTTERS, Ruud
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A record carrier has information represented by high density read-only marks in a track. The read-only marks (74,75) are optically readable according to a predefined high-density data format such as CD or DVD via a beam of radiation by first variations of the radiation. The record carrier has a recordable layer (70) for writing recorded marks (72,73) in a recording area of the record carrier, which recording area extends over the track (9) carrying the read-only marks. The recordable layer (70) is arranged to generate second variations of the radiation by a difference between an unrecorded state and a recorded state. A recording device writes recorded marks on top of the read-only marks. A read device recovers the first and second variations, and detects the read-only marks and the recorded marks from a same part of the track.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2828/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :31/10/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL ANILINE DERIVATIVES, THEIR MANUFACTURE AND USE AS PHARMACEUTICAL AGENTS

(51) International classification : C07D 413/12

(31) Priority Document No :03009908.9

(32) Priority Date :30/04/2003

(33) Name of priority country :Switzerland

(86) International Application No :PCT/EP2004/004520

Filing Date :29/04/2004

(87) International Publication No :WO/2004/096796

(61) 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

Address of Applicant :Grenzacherstrasse 124, CH-4070 Basel (CH) (All Except US). Swaziland

(72)Name of Inventor :

1)BOSENMAIER, Birgit

2)FRIEBE, Walter-Gunar

3)REIFF, Ulrike

4)RUETH, Matthias

5)VOSS, Edgar

(57) Abstract :

Objects of the present invention are the compounds of formula (I) their pharmaceutically acceptable salts, enantiomeric forms, diastereoisomers and racemates, the preparation of the above-mentioned compounds, medicaments containing them and their manufacture, as well as the use of the above-mentioned compounds in the control or prevention of illnesses such as cancer.

(54) Title of the invention : CYLINDRICAL MICROWAVE CHAMBER

(51) International classification	:H05B6/70,6/72,6/74,31/26,H01L21/469	(71)Name of Applicant :	
(31) Priority Document No	:60/521,003	1)INDUSTRIAL MICROWAVE SYSTEMS, L.L.C.	
(32) Priority Date	:03/02/2004	Address of Applicant : 3000 Perimeter Park Drive, Building I, Morrisville,	
(33) Name of priority country	:U.S.A.	North Carolina 27560 U.S.A.	
(86) International Application No	:PCT/US2005/002767	(72)Name of Inventor :	
Filing Date	:31/01/2005	1)DROZD, Michael, J.	
(87) International Publication No	:WO/2005/079117	2)DROZD, Esther	
(61) Patent of Addition to Application	:NA		
Number	:NA		
Filing Date	:NA		
(62) Divisional to Application	:NA		
Number	:NA		
Filing Date	:NA		

(57) Abstract :

Microwave apparatus for exposing materials on an elongated member, such as a mandrel, to microwave energy. The apparatus includes a cylindrical microwave exposure chamber (10). Elongated slots (20) spaced about the circumference of the chamber (10) are in communication with openings (50) in the walls of waveguides (28) attached to the exterior (19) of the chamber. Microwave energy fed into the waveguide (28) is coupled into the chamber (10) through the associated openings (50) and slots (20). Bars (54) spaced apart in the direction of wave propagation span the opening (50) in the waveguide for uniform or customized delivery of microwave energy into the chamber (10). A low-profile mode stirrer (38) at the rear end of the chamber further evens out the energy distribution. A front plate (62) seals to the chamber and supports a rotatable mandrel (60) on which material to be exposed to microwave energy in the chamber (10) is wrapped.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2829/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR THE PRODUCTION OF 3-AMINO-5-(HYDROXYMETHYL)CYCLOPENTANE-1,2-DIOL DERIVATIVES

(51) International classification	:C07D317/44,491/08,209/52	(71)Name of Applicant :
(31) Priority Document No	:04002055.4	1)LONZA AG
(32) Priority Date	:30/01/2004	Address of Applicant : Munchensteinerstrasse 38, CH-4052 Basel
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:PCT/EP2005/000643	(72)Name of Inventor :
Filing Date	:24/01/2005	1)GRIFFITHS, Gareth-John
(87) International Publication No	:WO/2005/073213	2)LANGE, Silvia
(61) Patent of Addition to Application Number	:NA	3)BRIEDEN, Walter
Filing Date	:NA	4)LANGE, Silvia
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for the production of acetals and ketals of 3-amino-5-(hydroxymethyl)cyclopentane-1,2-diols of formula (I) (and/or the enantiomer), where R1 = H, C1-6 alkyl, C3-8 cycloalkyl or benzyl and i) R2 = methyl and R3 = ethyl, ii) R2 = H and R3 = C1-6 alkyl or phenyl or iii) R2 and R3 together form a group of formula $-(CH_2)_n-$ with $n = 4$ to 6 , present as free amines or as salts of di- or tri-basic organic acids, starting from 2-acetyl-2-azabicyclo[2.2.1]hept-5-en-3-one of formula (II) (and/or the enantiomer). The method is equally useful, depending on the starting material, for the production of enantiomerically-pure compounds, or mixtures with arbitrary enantiomeric content.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2830/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYNERGISTIC COMPOSITIONS

(51) International classification :A01N57/34,C02F5/14
(31) Priority Document No :0402395.8
(32) Priority Date :03/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/000373
Filing Date :03/02/2005
(87) International Publication No :WO/2005/074688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)RHODIA UK LIMITED
Address of Applicant : Oak House, Reeds Crescent, Watford,
Hertfordshire WD24 4QP U.K.
(72)**Name of Inventor :**
1)TALBOT, Robert, Eric
2)JONES, Christopher, Raymond

(57) Abstract :

A synergistic composition comprising a THP salt and a biopenetrant, in which the biopenetrant comprises a polymer of an unsaturated carboxylic acid or a copolymer of an unsaturated carboxylic acid with a sulphonic acid, said polymer or copolymer being terminated by a mono- or diphosphonated unsaturated carboxylic acid group or having such monomers incorporated into the polymer backbone. This composition acts synergistically to enhance the biocidal efficacy of the THP salt against both planktonic (free-swimming) and sessile (attached) bacteria, and also acts synergistically to enhance the efficacy of the THP salt in the dissolution of iron sulphide scale.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2831/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SWITCHING DEVICE

(51) International classification	:H01H3/22,33/28,19/20	(71)Name of Applicant :
(31) Priority Document No	:20045026	1)ABB OY
(32) Priority Date	:03/02/2004	Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland
(33) Name of priority country	:Finland	(72)Name of Inventor :
(86) International Application No	:PCT/FI2005/000070	1)MATTLAR, Harri
Filing Date	:02/02/2005	2)SUUTARINEN, Aki
(87) International Publication No	:WO/2005/076302	3)KOLMONEN, Rainer
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A switching device comprising a frame (2), in which an actuator (6) adapted to rotate a main shaft of the switching device and rotatable around an axis (12) of rotation, and spring means are installed, the actuator (6) having a 0 position, an 1 position and a first dead point between the 0 position and the 1 position, the 1 position being located by a given angle (α) in a first direction relative to the 0 position. The actuator (6) also has a testing position, the testing position being located by a predetermined angle (β) in a second direction relative to the 0 position, said second direction being opposite relative to said first direction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2832/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUSE HOLDER

(51) International classification	:H01H85/20,9/10
(31) Priority Document No	:20045025
(32) Priority Date	:03/02/2004
(33) Name of priority country	:Finland
(86) International Application No	:PCT/FI2005/000069
Filing Date	:02/02/2005
(87) International Publication No	:WO/2005/076306
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABB OY
Address of Applicant : Strombergintie 1, FI-00380 Helsinki Finland

(72)**Name of Inventor :**
1)SALO, Juho
2)MATTLAR, Harri

(57) Abstract :

ABSTRACT A fuse holder comprising a frame (2), spring means and limiter means (6), the frame (2) comprising a first contact member (8) and a second contact member (10) adapted to receive an end (18) of the fuse between them, the spring means being adapted to press the contact members (8, 10) against the fuse end (18) to achieve an electrically conductive connection between the contact members (8, 10) and the fuse end (18), and the limiter means (6) being adapted to define the largest possible depth of the fuse end (18) in the installation direction between the first (8) and second (10) contact members. The spring means comprise a substantially circular arch-formed ring spring (4) adapted to also serve as the limiter means (6). (Figure 1)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2833/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GYCOSIDE PRODRUG OF 5-AMINOSALICYCLIC ACID

(51) International classification	:C07H15/203,A61K31/7036,A61P1/04	(71) Name of Applicant :
(31) Priority Document No	:2004-026916	1)NIPPON SHINYAKU CO., LTD.
(32) Priority Date	:03/02/2004	Address of Applicant : 14, Kisshoin Nishinosho Monguchicho, Minami-
(33) Name of priority country	:Japan	ku, Kyoto-shi, Kyoto 6018550 Japan
(86) International Application No	:PCT/JP2005/001492	(72) Name of Inventor :
Filing Date	:02/02/2005	1)NAKAMURA, Akio
(87) International Publication No	:WO/2005/075492	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object of the present invention is to provide a therapeutic agent for ulcerative colitis which allows 5- aminosaliclyic acid (5-ASA) useful as a therapeutic agent for ulcerative colitis to be efficiently delivered to the large intestine of the affected site almost without being absorbed or metabolized in the stomach or the upper part of the small intestine and is safe and can be administered over a long term. The present invention relates to 5-ASA into which D-galactose represented by the following general formula [1] has been introduced. The compound of the present invention can be efficiently delivered to the large intestine of the site of action, and is degraded by the intestinal bacterial flora, whereby 5-ASA as the active ingredient can be produced in the large intestine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2834/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : POLARIZING BEAM SPLITTER COMPRISING A PRESSURE-SENSITIVE ADHESIVE

(51) International classification	:G02B27/28
(31) Priority Document No	:10/771,863
(32) Priority Date	:03/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041377
Filing Date	:10/12/2004
(87) International Publication No	:WO/2005/081039
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)BRUZZONE, Charles, L.;
2)CHENG, Ming,;
3)LU, Ying-Yuh;
4)MA, Jiaying,;

(57) Abstract :

Abstract A polarizing beam splitter (PBS) includes a multilayer reflective polarizing film, a pressure sensitive adhesive is disposed on the multilayer reflective polarizing film, a first rigid cover is disposed on the pressure sensitive adhesive. The PBS can be used in a variety of applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2901/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NEW COMBINATIONS OF AN ANTI EMETIC AGENT AND AN ENKEPHALINASE INHIBITOR

(51) International classification :A61K45/06,31/4178,31/439,31/265,A61P1/12

(31) Priority Document No :04290384.9

(32) Priority Date :12/02/2004

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/IB2005/000351

Filing Date :14/02/2005

(87) International Publication No :WO/2005/079850

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BIOPROJET

Address of Applicant : 30, rue des Francs Bourgeois, F-75003 Paris
France

(72)Name of Inventor :

1)SCHWARTZ, Jean-Charles

2)LECOMTE, Jeanne-Marie

(57) Abstract :

The present invention concerns new combinations of an anti-emetic agent and an enkephalinase inhibitor, the uses of said combinations for treating diarrhea and/or gastroenteritis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2902/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LOW DENSITY ACOUSTIC FOAMS BASED ON BIOPOLYMERS

(51) International classification	:C08G18/12,18/67,18/81	(71)Name of Applicant :
(31) Priority Document No	:10/776,648	1)DOW GLOBAL TECHNOLOGIES INC.
(32) Priority Date	:10/02/2004	Address of Applicant : Washington Street, 1790 Building, Midland, MI
(33) Name of priority country	:U.S.A.	48674 U.S.A.
(86) International Application No	:PCT/US2005/003996	(72)Name of Inventor :
Filing Date	:08/02/2005	1)LEKOVIC, Huzeir
(87) International Publication No	:WO/2005/078000	2)TABAKOVIC, Rifat
(61) Patent of Addition to Application Number	:NA	3)EL-KHATIB, Ali, J.
Filing Date	:NA	4)BILLOTTO, Frank, V.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Rigid polyurethane foams are described. The foams are made using a prepolymer that is the reaction product of at least one polyisocyanate component, at least one hydroxy-functional acrylate component, and at least one polyol component. The prepolymer is then reacted at specified volume ratios and isocyanate indices with at least one polyol component that includes at least one polyol that is a biopolymer, including but not limited to castor oil, soybean oil, and the like. The foam is made in the presence of at least one blowing agent and at least one catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2903/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SLIDING MECHANISM APPARATUS AND APPLIANCE INTEGRATED WITH THE SAME

(51) International classification	:H04B1/38
(31) Priority Document No	:10-2004-0008663
(32) Priority Date	:10/02/2004
(33) Name of priority country	:Democratic People's Repulic
(86) International Application No	:PCT/KR2005/000389
Filing Date	:11/02/2005
(87) International Publication No	:WO/2005/091515
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LEE, HanSang

Address of Applicant : 102-103, Gyeongnam Apt., 967, Dogok-dong, Gangnam-gu, Seoul 135-270 Democratic People's Repulic

(72)Name of Inventor :

1)LEE, HanSang

(57) Abstract :

Abstract Disclosed is a sliding mechanism apparatus used for slidably opening and closing a slider-type cellular phone. A guide member and a slider member are engaged with each other so as to enable to slide relative to each other. The end of one arm of a first torsion spring is connected to the slider member near the left edge thereof. The end of the other arm thereof is coupled to the right half area of the guide member. The end of one arm of a second torsion spring is connected to the slider member near the right edge thereof. The end of the other arm thereof is coupled to the left half area of the guide member. From the expanded original state of the first and second torsion springs, if an external force is exerted on the slider member or the guide member, the torsion springs are compressed into an acute angle and then spread again by means of the elastic force thereof. In this way, the slider member can move to the lowermost position or the lowermost position. In the first and second torsion springs, the distance between the ends of two arms is larger than at least half of the width of the slider member. Therefore, the first and second torsion springs can maximally utilize the width of the guide member while turning, thereby extending the maximum travel distance of the slider member.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2904/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMBINATIONS OF INSECTICIDE ACTIVE AGENTS BASED ON THE THIACTLOPRID AND PYRETHROIDS

(51) International classification :A01N47/40,55/10,53/10,53/08,53/06,47/02
(31) Priority Document No :10 2004 006 324.9
(32) Priority Date :10/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000830
Filing Date :28/01/2005
(87) International Publication No :WO/2005/077186
(61) 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 AKTIENGESELLSCHAFT
Address of Applicant : Alfred-Nobel-Strasse 50, 40789 Monheim
Germany
(72)**Name of Inventor :**
1)EBBINGHAUS, Dirk
2)HINTERHUBER, Andreas
3)THIELERT, Wolfgang
4)HUNGENBERG, Heike
5)WECKWERT, Holger

(57) Abstract :

Abstract The invention a concerns novel active agent combinations containing thiacloprid and at least one of the active agents (1) to (24) mentioned in the description having very good insecticide properties.

(54) Title of the invention : SECURED PHASE-CHANGE DEVICES

(51) International classification	:G11C	(71)Name of Applicant :
(31) Priority Document No	:10/775,431	1)ENERGY CONVERSION DEVICES, INC.
(32) Priority Date	:10/02/2004	Address of Applicant : 2956 Waterview Drive, Rochester Hills, MI 48309
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/003925	(72)Name of Inventor :
Filing Date	:08/02/2005	1)OVSHINSKY, Stanford, R.
(87) International Publication No	:WO/2005/077025	2)COHEN, Morrel, H.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electronic device for securing the contents of data storage and processing elements. The device includes a security element and a phase-change element connected in a parallel arrangement. The security element is a three-terminal device, such as a conventional transistor or three-terminal phase-change device, having an ON state and an OFF state which differ with respect to resistance and regulate electronic access to the phase-change element by controlling the flow of electrical current applied to the parallel combination. In the ON state, the resistance of the security element is less than that of the phase-change element, thereby preventing, inhibiting or confusion a determination of the resistance of the phase-change element. In this PROTECT mode, the contents of the phase-change element are secured. In the OFF state, the resistance of the security element is greater than that of the phase-change material so that the resistance of the parallel combination approaches that of the phase-change element. In this READ mode, the resistance and information content of the phase-change element can be determined. The phase-change element includes a phase-change material and is preferably a chalcogenide based element. The phase-change element may perform a storage or processing function and includes registers and weighting devices as preferred embodiments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2906/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : POWER SYSTEM

(51) International classification

:G05F1/14

(31) Priority Document No

:0400301-8

(32) Priority Date

:11/02/2004

(33) Name of priority country

:Sweden

(86) International Application No

:PCT/SE2005/000192

Filing Date

:11/02/2005

(87) International Publication No

:WO/2005/078546

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ABB AB

Address of Applicant : Kopparbergsvagen 2, S-721 83 Vasteras, Sweden

(72)Name of Inventor :

1)SOLYOM, Stefan

2)LINCOLN, Bo

3)RANTZER, Anders

(57) Abstract :

The present invention relates to voltage stabilization of electrical power networks, and in particular to a method for voltage stabilization of an electrical power network system comprising a producing power network system side and a consuming power network side to maintain voltage, wherein the power transfer YLD, wherein YLD is power load impedance, is dynamically maintained below the loci for maximum power transfer, $n^2 YLD ZLN = 1$, wherein YLD is power load impedance, ZLN is transmission line impedance and n is transformer ratio, preferably YLD is maintained at a stable equilibrium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2907/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS AS LXR MODULATORS

(51) International classification

:

(31) Priority Document No

:60/544,149

(32) Priority Date

:11/02/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/004652

Filing Date

:11/02/2005

(87) International Publication No

:WO/2005/077122

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)IRM LLC

Address of Applicant : Hurst Holme, 12 Trott Road, Hamilton HM 11,
Bermuda U.S.A.

(72)Name of Inventor :

1)MOLTENI, Valentina

2)LI, Xiaolin

3)LIANG, Fang

4)NABAKKA, Juliet

5)SAEZ, Enrique

6)WITYAK, John

(57) Abstract :

The invention provides compounds, pharmaceutical compositions comprising such compounds and methods of using such compounds to treat or prevent diseases or disorders associated with the activity of liver X receptors (LXRs).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2908/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ORNITHOBACTERIUM RHINOTRACHEALE SUBUNIT VACCINES

(51) International classification :C07K14/195,A61K39/02
(31) Priority Document No :04075427.7
(32) Priority Date :11/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/050577
Filing Date :09/02/2005
(87) International Publication No :WO/2005/077972
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)INTERVET INTERNATIONAL B.V.
Address of Applicant : Wim de Korverstratt 35, NL-5831 AN Boxmeer
Netherlands
(72)**Name of Inventor :**
1)SCHUIJFFEL, Danielle Francisca
2)NUIJTEN, Petrus Johannes Maria

(57) Abstract :

The present invention relates to nucleic acids encoding Ornithobacterium rhinotracheale proteins, to DNA fragments, recombinant DNA molecules, live recombinant carriers and to host cells comprising such nucleic acids. The present invention also relates to Ornithobacterium rhinotracheale proteins and to antibodies against such proteins. Another embodiment of the invention relates to such proteins for use in vaccines and to the use of such proteins in the manufacturing of such vaccines. Also an embodiment of the invention relates to vaccines comprising such nucleic acids, DNA fragments, recombinant DNA molecules, live recombinant carriers, host cells, proteins or antibodies against such proteins. Finally, again another embodiment of the invention relates to methods for the preparation of such vaccines.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2909/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :08/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PYRAZOLOPYRIMIDINE-DERIVATIVES AS CYCLIN DEPENDENT KINASE INHIBITORS

(51) International classification :C07D487/04,A61K31/495,A61P35/00
(31) Priority Document No :10/776,988
(32) Priority Date :11/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003859
Filing Date :08/02/2005
(87) International Publication No :WO/2005/077954
(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)SCHERING CORPORATION

Address of Applicant : 2000 Galloping Hill Road, Kenilworth, New Jersey
07033 U.S.A.

2)PHARMACOPEIA DRUG DISCOVERY, INC.

(72)Name of Inventor :

1)GUZI, Timothy J.

2)PARUCH, Kamil

3)DWYER, Michael P.

4)DOLL, Ronald J.

5)GIRIJAVALLABHAN, Viyyoor Moopil

6)MALLAMS, Alan

7)ALVAREZ, Carmen S.

8)KEERTIKAR, Kartik M.

9)RIVERA, Jocelyn

10)CHAN, Tin-Yau

11)MADISON, Vincent

12)FISCHMANN, Thierry O.

13)DILLARD, Lawrence W.

14)TRAN, Vinh D.

15)HE, Zhen Min

16)JAMES, Ray Anthony

17)PARK, Haengsoon

18)PARADKAR, Vidyadhar M.

19)HOBBS, Douglas Walsh

(57) Abstract :

In its many embodiments, the present invention provides pyrazolo[1,5-a]pyrimidine compounds as inhibitors of cyclin dependent kinases, methods of preparing such compounds, pharmaceutical compositions containing one or more such compounds, methods of preparing pharmaceutical formulations comprising one or more such compounds, and methods of treatment, prevention, inhibition, or amelioration of one or more diseases associated with the CDKs using such compounds or pharmaceutical compositions.

(54) Title of the invention : APPARATUS AND METHOD FOR THE PROCESSING OF SECTIONAL IMAGES

(51) International classification	:G06T5/50,11/00	(71)Name of Applicant :
(31) Priority Document No	:04100517.4	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:11/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050419	(72)Name of Inventor :
Filing Date	:01/02/2005	1)WIEGERT, Jens
(87) International Publication No	:WO/2005/078661	2)ROSE, Georg.,
(61) Patent of Addition to Application Number	:NA	3)WEESE, Jurgen.,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention relates to an apparatus and a method for the processing of reconstructed 3D images (I) in C-arm based volume imaging which often exhibit spatially slowly varying inhomogeneities caused by inconsistent projection data. To correct the images (I), a retrospective homogenization procedure is proposed. The image (I) is segmented (11, 12) into principal classes like bone, tissue and air based on their gray values. Only the tissue-regions (M) are then used as support in order to fit (14) a spatially slowly varying 2D baseline (B) representing the smooth shape of cupping or other inhomogeneities. Finally the inverse of the estimated 2D baseline is subtracted from the original slice (I) to correct for the inhomogeneities. Fig. 1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2911/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PORTABLE DATA CARRIER, EXTERNAL ARRANGEMENT, SYSTEM AND METHODS FOR WIRELESS DATA TRANSFER

(51) International classification :G06K19/073,G06F12/14,G07F7/12
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/SE2005/000141
Filing Date :07/02/2005
(87) International Publication No :WO/2005/078647
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)PRECISE BIOMETRICS AB
Address of Applicant : Scheelevagen 19C, S-223 70 Lund Sweden
(72)**Name of Inventor :**
1)ANDERSSON, Jonas

(57) Abstract :

Abstract A portable data carrier (10) and a method (B1-B10), as well as a storage medium with instructions, for transferring data by means of a portable data carrier are provided. The portable data carrier comprises a carrier storage (12) for storing data containing a biometric template (13) and an application-specific function (15) as well as carrier communication means (11) for contactless receipt and transmission of data. The portable data carrier is characterised in that it further comprises carrier processing means (16) for comparing the biometric template with a biometric sample (23) received from an external arrangement (20), and that it is arranged to complete a handshake process with the external arrangement as well as perform the application-specific function and transmit a result of the same to the external arrangement, only if the biometric sample matches the biometric template.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2912/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A REFRIGERATOR AND A METHOD FOR CONTROLLING VARIABLE COOLING CAPACITY THEREOF

(51) International classification	:F25D29/00,F25B49/02	(71)Name of Applicant :
(31) Priority Document No	:04003144.5	1)WHIRLPOOL CORPORATION
(32) Priority Date	:12/02/2004	Address of Applicant : 2000 M 63, Benton Harbor, Benton Harbor, MI
(33) Name of priority country	:EUROPEAN UNION	49022 U.S.A.
(86) International Application No	:PCT/EP2005/050590	(72)Name of Inventor :
Filing Date	:10/02/2005	1)BOER, Alessandro
(87) International Publication No	:WO/2005/078366	2)PAGANINI, Raffaele
(61) Patent of Addition to Application Number	:NA	3)PETRIGLIANO, Rocco
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A refrigerator comprises a compressor and control means for controlling such compressor in response to the temperature inside the refrigerator. The control means are adapted to detect how the temperature changes inside the refrigerator due to the loading of a warm food item, and to adjust the cooling capacity of the compressor accordingly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2913/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND DEVICE FOR INJECTING SAMPLE

(51) International classification	:G01N30/22,30/02,30/20,30/26,30/88	(71)Name of Applicant :
(31) Priority Document No	:2004-005658	1)DAICEL CHEMICAL INDUSTRIES, LTD.
(32) Priority Date	:13/01/2004	Address of Applicant : 1, Teppo-cho, Sakai-ku, Sakai-shi, Osaka, 590-
(33) Name of priority country	:Japan	8501, Japan
(86) International Application No	:PCT/JP2004/019106	(72)Name of Inventor :
Filing Date	:21/12/2004	1)MATABE, Akihiro
(87) International Publication No	:WO/2005/073710	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT In a chromatography using a pressurized mobile phase, the mobile phase flowing through a feed pipe (31) is introduced into one end of a bypass pipe (32) where a sample is sealed through a two-way valve (v2) , a two-way valve (v3) is opened and a two-way valve (v1) is closed when the sample is pressurized by the introduction of the mobile phase, all the pressurized sample is thereby injected into the feed pipe (31) , and further the pressure variation of the mobile phase in the feed pipe is suppressed when the sample is injected.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2914/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BURNT REFRACTORY CERAMIC PRODUCT AND MIXTURE FOR ITS MANUFACTURE

(51) International classification	:C04B35/443	(71)Name of Applicant :
(31) Priority Document No	:10 2004 007 062.8	1)REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG
(32) Priority Date	:13/02/2004	Address of Applicant : Wienerbergstrasse 11, A-1100 Wien Austria
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/000460	1)BUCHBERGER, Bernd
Filing Date	:19/01/2005	2)NILICA, Roland
(87) International Publication No	:WO/2005/080293	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The invention relates to a fired refractory ceramic product and a batch that can be used to produce said product. Both the batch (the mixture) and the prepared fired product contain spinels consisting of MgO and Al₂O₃. j

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2915/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IONIC UV-A SUNSCREENS AND COMPOSITIONS CONTAINING THEM

(51) International classification	:C07D213/57,C07F9/08,A61K31/4422	(71) Name of Applicant :
(31) Priority Document No	:04003294.8	1)DSM IP ASSETS B.V.
(32) Priority Date	:13/02/2004	Address of Applicant : Het Overloon 1, NL-6411 TE Heerlen Netherlands
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/001379	1)BERG-SCHULTZ, Katja
Filing Date	:11/02/2005	2)HUBER, Ulrich
(87) International Publication No	:WO/2005/080341	3)SPRENGER, Daniel
(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 novel 1,4-dihydropyridine derivatives, to novel cosmetic or dermatological sunscreen compositions containing these derivatives and the use of these derivatives for photoprotecting human skin and/or hair against UV radiation, in particular solar radiation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2916/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROVEMENT IN THE LIGAND PROTECTION FOR MERCAPTOACETYL TRIGLYCINE

(51) International classification

:A61K51/00

(31) Priority Document No

:04075448.3

(32) Priority Date

:13/02/2004

(33) Name of priority country

:EUROPEAN

UNION

(86) International Application No

:PCT/US2005/004349

Filing Date

:11/02/2005

(87) International Publication No

:WO/2005/079864

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MALLINCKRODT INC.

Address of Applicant : 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 U.S.A.

(72)Name of Inventor :

1)BLAUWHOFF, Mart-Jan, T.

2)KNIGHT, Hector, Humberto,

3)STOCK, Friedhelm, R.

4)VERKERK, Volcmar

5)LINK, Siegfried,

6)MAIER, Volker,

7)SIDDIQUEE, Sanaul,

8)STIEHL, Gabriele,

9)TOMBULT-MEYER, Thomas,

(57) Abstract :

The present invention relates to a method for preparing mercaptoacetyl triglycine labeled with a radionuclide, comprising the steps of adding a radionuclide to a solution that comprises a mercaptoacetyl triglycine dimer of formula VI, a reducing agent and optionally a transfer ligand and heating the thus obtained solution. The invention relates to the mercaptoacetyl triglycine dimer and its use in the method, to a kit for performing the method and to the formulation obtained from the method.

(54) Title of the invention : A METHOD FOR COMBINED USE OF A LOCAL RTK SYSTEM AND A REGIONAL, WIDE-AREA, OR GLOBAL CARRIER-PHASE POSITIONING SYSTEM

(51) International classification	:G01S5/14	(71) Name of Applicant :
(31) Priority Document No	:10/757,340	1)NAVCOM TECHNOLOGY, INC.
(32) Priority Date	:13/01/2004	Address of Applicant : 20780 Madrona Avenue, Torrance, CA 90503
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2004/042374	(72) Name of Inventor :
Filing Date	:15/12/2004	1)SHARPE, Richard, T.
(87) International Publication No	:WO/2005/071432	2)NELSON, Frederick, W.
(61) Patent of Addition to Application Number	:NA	3)PICKETT, Terrence, D.
Filing Date	:NA	4)HATCH, Ronald, R.
(62) Divisional to Application Number	:NA	5)YANG, Yunchun
Filing Date	:NA	

(57) Abstract :

ABSTRACT The present invention includes a method for a combined use of a local RTK system and a regional, wide-area, or global differential carrier-phase positioning system (WADGPS) in which disadvantages associated with the RTK and the WADGPS navigation techniques when used separately are avoided. The method includes using a known position of a user receiver that has been stationary or using an RTK system to initialize the floating ambiguity values in the WADGPS system when the user receiver is moving. Thereafter, the refraction corrected carrier-phase measurements obtained at the user GPS receiver are adjusted by including the corresponding initial floating ambiguity values and the floating ambiguity values are treated as well known (small variance) in subsequent processes to position the user receiver in the WADGPS system.

(54) Title of the invention : METHOD OF AND APPARATUS FOR PRODUCING SUBCRITICAL WATER DECOMPOSITION PRODUCTS

(51) International classification :B01J3/00,19/00,B09B3/00,C02F11/08
(31) Priority Document No :2004-036027
(32) Priority Date :13/02/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/002181
Filing Date :14/02/2005
(87) International Publication No :WO/2005/077514
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OSAKA INDUSTRIAL PROMOTION ORGANIZATION
Address of Applicant : 2-5, Honmachibashi, Chuo-ku, Osaka-shi, Osaka
540-0029, Japan
(72)**Name of Inventor :**
1)YOSHIDA, Hiyoyuki

(57) Abstract :

ABSTRACT [Problems] A method of and an apparatus for continuous sub-critical water decomposition treatment for material to be processed containing solid matter are provided, which are capable of controlling decomposition reaction of the material to be processed and suitable for large-scale operations. The method and the apparatus are also capable of minimizing equipment costs and selectively producing desired useful substances at high yield rates. [Means to Solve the Problems] Material to be processed is grinded in advance into particles, which are mixed with water to prepare slurry. The slurry is sent to a compressing means (1) through a pipe and is compressed. Next, the compressed slurry is sent to a heating means 2 and heated, and is brought into a sub-critical state. The slurry in a sub-critical condition is introduced through an inlet (8) into a bottom part of a reactor (3). In the reactor (3) a fixed bed, a fluidized bed, and a sub-critical water dissolution part are formed in that order from the bottom. One(s) of outlets (101) to 106 provided at top and side portions of the reactor 3 is/are selected so that the sub-critical water dissolution part is taken out therethrough, whereby the residence time of the sub-critical water is adjusted and thus the reaction time of sub-critical water decomposition of the material to be processed is adjusted.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2919/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LIGHT-COLLECTING ILLUMINATION SYSTEM

(51) International classification	:G02B3/00,26/00
(31) Priority Document No	:10/776,390
(32) Priority Date	:11/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/041701
Filing Date	:13/12/2004
(87) International Publication No	:WO/2005/083472
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)CONNER, Arlie, R.;

(57) Abstract :

Abstract Light-collecting illumination systems are disclosed, which include a light source module (72), a first meniscus lens (74) having a convex side (74b) and a concave side (74a) and a second meniscus lens (76) having a convex side (76b) and a concave side (76a). The concave side (76a) of the second meniscus lens (76) is adjacent to the convex side (74b) of the first meniscus lens (74) and the concave side (74a) of the first meniscus lens (74) faces the light source module (72) for receiving light therefrom. In addition, light-collecting illumination systems are disclosed, which include a plurality of light source modules and a system of optical elements comprising a plurality of pairs of meniscus lenses, each pair being associated with a light source module.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2920/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ILLUMINATION SYSTEM

(51) International classification	:H04N9/31	(71)Name of Applicant :
(31) Priority Document No	:10/776,152	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:11/02/2004	Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, MN
(33) Name of priority country	:U.S.A.	55133-3427 U.S.A.
(86) International Application No	:PCT/US2004/043903	(72)Name of Inventor :
Filing Date	:30/12/2004	1)CONNER, Arlie R.,;
(87) International Publication No	:WO/2005/084038	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract Illumination systems are disclosed, which include a plurality of light source modules, each having a light-emitting surface, and a system of optical elements configured to image the emitting surfaces onto an illumination target. The shape of the emitting surface or of the image of the emitting surface produced by the system of optical elements may substantially match the shape of the target. In addition, illumination systems are disclosed that utilize a plurality of source modules having light-emitting surfaces of different colors. Furthermore, the present disclosure is directed to illumination systems including a plurality of light source modules disposed in an array within a non-radially symmetrical aperture and to illumination systems in which the light source modules and the system of optical elements are configured to form a plurality of channels aimed substantially into the illumination target.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2921/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 3-(2-ALKOXYCARBONYLOXY-PHENYL)ACRYLIC ACID ESTERS AND THEIR USE AS PRECURSORS FOR THE DELIVERY OF

(51) International classification	:C07C69/618,C11D3/50,A61K7/46	(71) Name of Applicant :
(31) Priority Document No	:0403115.9	1)GIVAUDAN SA
(32) Priority Date	:12/02/2004	Address of Applicant : Chemin de la Parfumerie 5, CH-1214 Vernier
(33) Name of priority country	:U.K.	Switzerland
(86) International Application No	:PCT/CH2005/000074	(72) Name of Inventor :
Filing Date	:10/02/2005	1)FLACHSMANN, Felix
(87) International Publication No	:WO/2005/077881	2)BACHMANN, Jean-Pierre
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract r A compound of formula (I), their use as precursors and a method of their production wherein n, Y, R, R2, R3, and R4 has the same meaning as given in the specification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2922/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FLUORESCENCE MEASURING DEVICE FOR GEMSTONES

(51) International classification	:		(71)Name of Applicant :
(31) Priority Document No	:	10/756,164	1)GEMOLOGICAL INSTITUTE OF AMERICA
(32) Priority Date	:	12/01/2004	Address of Applicant : 5345 Armada Drive, Carlsbad, CA 92008 U.S.A.
(33) Name of priority country	:	U.S.A.	(72)Name of Inventor :
(86) International Application No	:	PCT/US2005/001535	1)GEURTS, Ronald;
Filing Date	:	12/01/2005	
(87) International Publication No	:	WO/2005/067566	
(61) Patent of Addition to Application Number	:	NA	
Filing Date	:	NA	
(62) Divisional to Application Number	:	NA	
Filing Date	:	NA	

(57) Abstract :

A gemstone fluorescence measuring device according to the invention generally includes an ultraviolet ('UV') emission chamber, a UV radiation source, and a light meter assembly. The UV radiation source includes an upper light emitting diode ('LED') and a lower LED that radiate a gemstone under test from both above and below the gemstone. The UV radiation source provides both trans-radiation and direct radiation to the gemstone, and the UV radiation source has an adjustable intensity, thus facilitating calibration of the fluorescence measuring device. The light meter assembly includes a light detector that detects the visible light emitted from the gemstone under test in response to the UV radiation. The light detector is configured to simulate the spectral characteristics of the human eye. The fluorescence measuring device converts the measured visible light into a numerical lux reading, which can then be converted into a fluorescence grade for the gemstone under test.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2923/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR ENHANCING BIOAVAILABILITY OF OSPEMIFENE

(51) International classification	:A61K31/085
(31) Priority Document No	:10/777,211
(32) Priority Date	:13/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/FI2005/000018
Filing Date	:14/01/2005
(87) International Publication No	:WO/2005/077350
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HORMOS MEDICAL LTD.
Address of Applicant : Itainen Pitkakatu 4 B, FI-20520 Turku Finland
(72)**Name of Inventor :**
1)ANTTILA, Markku

(57) Abstract :

ABSTRACT This invention relates to a method for enhancing the bioavailability of a therapeutically active compound of the formula (I) or a geometric isomer, a stereoisomer, a pharmaceutically acceptable salt, an ester thereof or a metabolite thereof, wherein said compound is administered orally to the individual in connection with the intake of food.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2924/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROVED POLYURETHANE DISPERSIONS AND COATINGS MADE THEREFROM

(51) International classification	:C08G18/08,C08K5/21,5/15	(71)Name of Applicant :
(31) Priority Document No	:10/789,887	1)DOW GLOBAL TECHNOLOGIES INC.
(32) Priority Date	:27/02/2004	Address of Applicant : Washington Street, 1790 Building, Midland,
(33) Name of priority country	:U.S.A.	Michigan 48674 U.S.A.
(86) International Application No	:PCT/US2005/006348	(72)Name of Inventor :
Filing Date	:28/02/2005	1)KOONCE, William, A.
(87) International Publication No	:WO/2005/085311	2)BHATTACHARJEE, Debkumar
(61) Patent of Addition to Application Number	:NA	3)KAUL, Surendar, N.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A polyurethane having enhanced properties is made form an aqueous polyurethane dispersion having therein a nonvolatile, non-reactive, property enhancing water-soluble (NNPEW) compound such as urea. Even though the NNPEW is soluble in water, the NNPEW remains in the polyurethane after being exposed to water. In another embodiment, the NNPEW may react with a compound present in the dispersion other than the polyurethane particles of the dispersion when removing the water of the dispersion to form the polyurethane or upon subsequent heating.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2925/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MICROELECTRONIC CLEANING COMPOSITION CONTAINING HALOGEN OXYGEN ACIDS, SALTS AND DERIVATIVES THEREOF

(51) International classification	:G03F7/42,C11D11/00,3/395,7/32	(71) Name of Applicant :
(31) Priority Document No	:60/543,801	1)MALLINCKRODT BAKER INC.
(32) Priority Date	:11/02/2004	Address of Applicant : 675 McDonnell Boulevard, P.O. Box 5840, St.
(33) Name of priority country	:U.S.A.	Louis, MO 63134 U.S.A.
(86) International Application No	:PCT/US2004/037135	(72) Name of Inventor :
Filing Date	:05/11/2004	1)HSU, Chien-Pin, Sherman
(87) International Publication No	:WO/2005/083523	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract Microelectronic cleaning compositions for cleaning microelectronic substrates, and particularly cleaning compositions useful with and having improved compatibility with microelectronic substrates characterized by silicon dioxide, sensitive low-kappa or high-kappa dielectrics and copper, tungsten, tantalum, nickel, gold, cobalt, palladium, platinum, chromium, ruthenium, rhodium, iridium, hafnium, titanium, molybdenum, tin and other metallization, as well as substrates of Al or Al(Cu) metallizations and advanced interconnect technologies, are provided by microelectronic cleaning compositions comprising halogen acids, salts and derivatives thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2926/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS AS LXR MODULATORS

(51) International classification :

(31) Priority Document No :60/543,848

(32) Priority Date :11/02/2004

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

(86) International Application No :PCT/US2005/004655

Filing Date :11/02/2005

(87) International Publication No :WO/2005/077124

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)IRM LLC

Address of Applicant : P.O. Box HM 2899, HM LX Hamilton, Bermuda
Bermuda

(72)Name of Inventor :

1)MOLTENI, Valentina

2)LI, Xiaolin J;

3)NABAKKA, Juliet

4)ELLIS, David, Archer

5)ANACLERIO, Beth

6)SAEZ, Enrique

7)WITYAK, John

(57) Abstract :

The invention provides compounds, pharmaceutical compositions comprising such compounds and methods of using such compounds to treat or prevent diseases or disorders associated with the activity of liver X receptors (LXRs).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2927/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : HETEROAROMATIC PENTACYCLIC COMPOUND AND MEDICINAL USE THEREOF

(51) International classification : A61K 31/381
(31) Priority Document No :2003-105267
(32) Priority Date :09/04/2003
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/005119
Filing Date :09/04/2004
(87) International Publication No :WO/2004/089918
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)JAPAN TOBACCO INC.

Address of Applicant :2-1, Toranomom 2-chome, Minato-ku., Tokyo 105-8422 (JP) Japan

(72)Name of Inventor :

1)IKEMOTO, Tomoyuki

2)TANAKA, Masahiro

3)YUNO, Takeo

4)SAKAMOTO, Johei

5)NAKANISHI, Hiroyuki

6)NAKAGAWA, Yuichi

7)OHTA, Takeshi

8)SAKATA, Shohei

9)MORINAGA, Hisayo

(57) Abstract :

A heteroaromatic pentacyclic compound of the general formula: [I] [wherein V is CH or N; W is S or O; each of R1 and R2 is H, etc.; X is -N(R4)-, -O-, -S-, -SO2-N(R5)-, -CO-N(R7)-, etc.; L is formula [II]; (Each of R20, R21, R22 and R25 is H, etc.; and E is an aryl or an aromatic heterocycle); R is -COOH, etc.; B is an aryl, etc.; R3 is H, etc.; Y is -C(R13)(R14)-N(R12)-, -C(R13)(R14)-O-, -N(R11)-, -O-, etc.; A is an alkylene; Z is an aryl, etc.; etc.]. This compound or its prodrug or a pharmaceutically acceptable salt thereof has a protein tyrosine phosphatase 1B inhibiting activity and is useful as a curative medicine for diabetes mellitus, diabetes mellitus complications, hyperlipemia or obesity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2927/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PRESSURE SENSING

(51) International classification	:A61B5/00,A61M1/14	(71) Name of Applicant :
(31) Priority Document No	:0400330-7	1)GAMBRO LUNDIA AB
(32) Priority Date	:12/02/2004	Address of Applicant : P.O. Box 10101, S-220 10 Lund Sweden
(33) Name of priority country	:Sweden	(72) Name of Inventor :
(86) International Application No	:PCT/SE2005/000184	1)JONSSON, Lennart
Filing Date	:11/02/2005	2)DROTT, Johan
(87) International Publication No	:WO/2005/077262	3)HERTZ, Thomas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A biological fluid device (703) comprises a pressure sensor (702), which is arranged on the device. The pressure sensor comprises a compressible container, the compression of which is indicative of the pressure, and is capable of wireless communication.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2928/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DISTRIBUTED BASE STATION SYSTEM AND METHOD FOR NETWORKING THEREOF AND BASE BAND UNIT

(51) International classification

:H04Q7/30

(31) Priority Document No

:200510001936.7

(32) Priority Date

:12/01/2005

(33) Name of priority country

:China

(86) International Application No

:PCT/CN2006/000044

Filing Date

:12/01/2006

(87) International Publication No

:WO/2006/074607

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HUAWEI TECHNOLOGIES CO., LTD.

Address of Applicant : Huawei Administration Building, Bantian,
Longgang District, Shenzhen, Guangdong 518129 China

(72)Name of Inventor :

1)WU, Wangjun

2)YU, Chengdong

3)TAN, Zhu

4)PU, Tao

5)HE, Wensheng

6)LAN, Peng

7)ZHOU, Jun

8)YU, Ming

(57) Abstract :

The present invention discloses a distributed base station system as well as its networking method and base band unit. In this system, the base band unit (BBU) and RF unit (RFU) of the base station are separated, and the RFU is equipped with base band RF interfaces for interconnecting the BBU and transmitting data information, thereby forming the base station. Based on the separation of the BBU &om the RFU, the BBU capacity is further divided at the same time, and every unit is also arranged independently. The BBU networking and capacity expansion may be achieved with capacity expansion interfaces and base band RF interfaces provided by BBU interface units in tlexibleand convenient ways.

(54) Title of the invention : METHOD OF SEARCHING FOR PROGRAMME CONTENT

(51) International classification	:H04N7/16	(71)Name of Applicant :
(31) Priority Document No	:04100043.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:09/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052874	(72)Name of Inventor :
Filing Date	:21/12/2004	1)KELLY, Declan, P.
(87) International Publication No	:WO/2005/076616	2)NEWTON, Philip, S.,
(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 communication network (10) operable to search for programme content. The network (10) is distinguished in that it comprises: (a) a plurality of mutually interconnected network nodes (100, 110) susceptible to storing programme data content and at least one of electronic programme guides (EPG) and associated meta-data thereat; (b) at least one user-operable node (20) coupled to the network (10), the at least one user-operable node (20) including user-interfacing means (30, 50) for receiving instructions from a user (60) and presenting results to the user (60). The network (10) is arranged such that: (c) the plurality of network nodes (100) and/or the at least one user-operable node (20) are operable to access electronic programme guide (EPG) data and/or associated metadata providing a record of at least previous programme data content communicated within the network (10); (d) the network (10) is operable to present one or more electronic programme guides (EPG) to the user (60) for generating therefrom a search request susceptible to utilizing meta-data associated with the one or more electronic programme guides (EPG) for use in identifying corresponding data content available in the network (10); and (e) the at least one user-operable node (20) is operable to receive data content thereat corresponding to the search request.

(54) Title of the invention : METHOD OF AUTOMATICALLY INCLUDING CONTEXT RELATED LINKS

(51) International classification	:G06F17/30	(71)Name of Applicant :
(31) Priority Document No	:04100044.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:09/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052913	(72)Name of Inventor :
Filing Date	:23/12/2004	1)LUITJENS, Steven, B.
(87) International Publication No	:WO/2005/076154	2)LI, Feng
(61) Patent of Addition to Application Number	:NA	3)WEI, Gongming
Filing Date	:NA	4)YOU, Wenying
(62) Divisional to Application Number	:NA	5)HE, Darwin
Filing Date	:NA	6)FONTIJN, Wilhelmus, F., J.

(57) Abstract :

There is provided a method of automatically including one or more context related links in association with scene data content. The method is distinguished in that involves providing a recording apparatus including: (i) a data store for reading and/or writing data content; (ii) a sensor for sensing audio and/or visual subject matter from a scene and generating corresponding scene data content; (iii) identifying components for use in identifying a spatial location of the apparatus in proximity of the scene and/or an identity of the scene; (iv) a microprocessor for co-ordinating operation of the data store, the sensor and the identifying components. The method involves the steps of: (b) arranging for the data store to include link data susceptible to being invoked to associate one or more spatial locations and/or scene identities with corresponding linkable data content; (c) activating the apparatus in proximity of a desired scene and receiving audio and/or visual subject matter therefrom to generate corresponding desired scene data content; (d) using the identifying components to determine a spatial location of the apparatus in proximity of the desired scene and/or an identity of the desired scene; (e) identifying one or more links in the link data associated with the spatial location and/or identity determined in step (d) and recording them automatically together in the data store with at least one of the desired scene data content derived from step (c) and the spatial location and/or identity from step (d). The one or more links are concurrently and/or subsequently susceptible to being invoked to include corresponding linkable data content with the scene data to generate final composite data content.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2931/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USING A PRESENCE STATUS IN A MEDIA-ON-DEMAND SYSTEM

(51) International classification	:H04N7/173
(31) Priority Document No	:04100045.6
(32) Priority Date	:09/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2004/052914
Filing Date	:23/12/2004
(87) International Publication No	:WO/2005/076619
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)CLAASSEN, Arjan
2)SIMONS, David, P., L.

(57) Abstract :

The present invention relates to a method for a media-on-demand server of handling streaming of media based on media requests received from user operated clients, wherein said server receives media requests from a user operated client and streams said media to said user operated client, wherein the handling of streaming comprises using a presence service adapted for determining the presence status of said user operating said client and only streaming user requested media if said user has a predefined presence status. Thereby it is possible at the server to check the presence status of the user before streaming media requested by the user, and it can e.g. be avoided that a user not being present at the client receives the stream of media, without being able to enjoy the requested media.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2932/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : ALGINATE MATRIX PARTICLES

(51) International classification	:A23L 1/22
(31) Priority Document No	:0310673.9
(32) Priority Date	:09/05/2003
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/CH2004/000270
Filing Date	:05/05/2004
(87) International Publication No	:WO/2004/098318
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GIVAUDAN SA

Address of Applicant : Chemin de la Parfumerie 5, CH-1214 Vernier
Switzerland

(72)Name of Inventor :

1)SOPER, John, C.

2)MOLNAR, Jeff

3)VALE, James, Michael

(57) Abstract :

Heterogenous matrix particles having a continuous phase of a polymer and a discontinuous phase of an oil, and optionally an active such as a flavor or a fragrance. The continuous phase comprises at least one filler. The matrix particles exhibit high loading efficiency and low amounts of surface oil.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2932/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TWO PANEL NAVIGATION

(51) International classification	:G06F3/033	(71)Name of Applicant :
(31) Priority Document No	:04100047.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:09/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050004	(72)Name of Inventor :
Filing Date	:03/01/2005	1)HOLLEMANS, Gerrit
(87) International Publication No	:WO/2005/069200	2)BUIL, Vincentius, P.
(61) Patent of Addition to Application Number	:NA	3)VAN LEEUWEN, Marco
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A graphical user interface for navigating through content is provided. The graphical user interface comprises a history panel wherein navigation history data is displayed so as to represent past selections, and furthermore comprises at least a first panel displaying a first menu of a content structure. The first menu comprises one or more selectable items. A further at least second panel for displaying a first sub-menu of a currently highlighted item of the first menu may be provided. By providing information about navigation history data to the user in a history panel, the user is provided with a general overview of the content and also of the current navigation process and/or the overall navigation structure. By providing navigation history information in a history panel, the past dialog boxes may be closed without losing any information regarding the current navigation process.

(54) Title of the invention : DOUBLE SCROLLING

(51) International classification	:G06F3/033	(71)Name of Applicant :
(31) Priority Document No	:04100048.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:09/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050022	(72)Name of Inventor :
Filing Date	:04/01/2005	1)HOLLEMANS, Gerrit
(87) International Publication No	:WO/2005/069201	2)BUIL, Vincentius, P.
(61) Patent of Addition to Application Number	:NA	3)VAN LEEUWEN, Marco
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A method of providing screen scrolling in content, such as hierarchically ordered content, is provided, wherein at least one level in the content comprises a page level comprising pages of objects and an object level comprising the objects, the method comprises the steps of: scrolling the objects page-by-page in the page level, and scrolling the objects object-by-object in the object level. Especially when scrolling in larger amounts of content, such as hierarchically ordered content, it is an advantage of interweaving a page by page level with an object by object level, so that the user may choose a specific level to navigate either page-wise or object-wise.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2934/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : FLUORESCENT DIKETOPYRROLOPYRROLES

(51) International classification : C07D 487/04

(31) Priority Document No :03100972.3

(32) Priority Date :10/04/2003

(33) Name of priority country :Switzerland

(86) International Application No :PCT/EP2004/050403

Filing Date :01/04/2004

(87) International Publication No :WO/2004/090046

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CIBA SPECIALTY CHEMICALS HOLDING INC.

Address of Applicant :Klybeckstrasse 141, CH-4057 Basel Swaziland

(72)Name of Inventor :

1)YAMAMOTO, Hiroshi

2)DAN, Norihisa

(57) Abstract :

The present invention relates to fluorescent diketopyrrolopyrrole of the formula (I), a process for their preparation and their use for the preparation of inks, colorants, pigmented plastics for coatings, non-impact-printing material, color filters, cosmetics, polymeric ink particles, toners, as fluorescent tracers, in color changing media, in solid dye lasers and electroluminescent devices. A luminescent device comprising a composition according to the present invention is high in the efficiency of electrical energy utilisation and high in luminance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2934/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :09/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PREPARATION OF ESCITALOPRAM

(51) International classification :C07D307/78
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/US2004/038490
Filing Date :12/12/2004
(87) International Publication No :WO/2005/047274
(61) 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. REDDY'S LABORATORIES, INC.

Address of Applicant : 7-1-27, Ameerpet, Hyderabad, Andhra Pradesh,
India-500 016. Andhra Pradesh India

2)DR. REDDY'S LABORATORIES, INC.

(72)Name of Inventor :

1)SUNDARAM, Venkataraman

2)Vijayavithal Thippannachar MATHAD,

3) Pravinachandra Jayanthilal VENKAVALA,

4)ELATI, Ravirama Chandrashekar

5)KOLLA, Naveen kumar

6)CHALAMALA, Subrahmanyeshwara Rao

7)GANGULA, Srinivas

8)GOVINDAN, Shanmugam

(57) Abstract :

Enantiomerically enriched citalopram is prepared by methylating enantiomerically enriched didesmethylcitalopram, obtained by directly resolving racemic didesmethylcitalopram using a chiral acid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2935/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RESHAPING LIGHT SOURCE MODULES AND ILLUMINATION SYSTEMS USING THE SAME

(51) International classification

:G02B6/42

(31) Priority Document No

:10/776,155

(32) Priority Date

:11/02/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/001447

Filing Date

:18/01/2005

(87) International Publication No

:WO/2005/078496

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 U.S.A.

(72)Name of Inventor :

1)CONNER, Arlie, R.;

(57) Abstract :

Abstract Light source modules are disclosed, which include an emitter having a light-emitting surface and a pyramid collector mounted onto the emitter over the emitting surface. Also disclosed are illumination systems, including a plurality of light source modules, each light source module comprising an emitter having a light-emitting surface and a pyramid collector mounted onto the emitter over the emitting surface. The illumination systems further include an illumination target and a system of optical elements disposed between the at least one light source module and the illumination target.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2936/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CHEMOKINE RECEPTOR ANTAGONISTS

(51) International classification :C07D401/00

(31) Priority Document No :0403038.3

(32) Priority Date :11/02/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP2005/001362

Filing Date :10/02/2005

(87) International Publication No :WO/2005/077932q

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)HERSPERGER, Rene

2)JANSER, Philipp

3)PFENNINGER, Emil

4)WUETHRICH, Hans, Juerg

5)MILTZ, Wolfgang

(57) Abstract :

Abstract A compound of formula (I) or a pharmaceutically acceptable salt or prodrug ester thereof, wherein the variants R, R9, Z, X, Q and Y are defined in the specification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2937/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INTEGRATED FUEL PROCESSOR FOR DISTRIBUTED HYDROGEN PRODUCTION

(51) International classification	:C01B3/38,3/48,B01J19/00,F28D7/10	(71)Name of Applicant :	
(31) Priority Document No	:60/545,054	1)MODINE MANUFACTURING COMPANY	
(32) Priority Date	:17/02/2004	Address of Applicant : 1500 DeKoven Avenue, Racine, WI 53403 U.S.A.	
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :	
(86) International Application No	:PCT/US2005/004706	1)REINKE, Michael, J.	
Filing Date	:16/02/2005	2)VALENSA, Jeroen	
(87) International Publication No	:WO/2005/080259	3)BANDHAUER, Todd	
(61) Patent of Addition to Application Number	:NA	4)VOSS, Mark, G.	
Filing Date	:NA	5)MCGREGOR, Michael	
(62) Divisional to Application Number	:NA	6)SILER, Nicholas	
Filing Date	:NA	7)GRANETZKE, Dennis, C.	

(57) Abstract :

ABSTRACT An integrated steam reformer/combustor assembly (42) is provided for use in a fuel processor (20) that supplies a steam/fuel mix (34) to be reformed in the assembly and a combustor feed (40) to be combusted in the assembly (42). The assembly (42) includes a housing (44, 58) defining first and second axially extending, concentric annular passages in heat transfer relation to each other; a first convoluted fin (46) located in the first passage to direct the feed mix therethrough, the first convoluted fin coated with a catalyst that induces a desired reaction in the feed mix; and a second convoluted fin (50) located in the second passage to direct the combustor feed therethrough, the second convoluted fin coated with a catalyst that induces a desired reaction in the combustor feed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2938/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FIXED CARRIAGEWAY FOR RAIL VEHICLES AND METHOD OF MANUFACTURING THE SAME

(51) International classification	:A24F15/18
(31) Priority Document No	:10 2005 018
	195.3
(32) Priority Date	:19/04/2005
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/DE06/00284
Filing Date	:15/02/2006
(87) 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)RAIL.ONE GmbH
Address of Applicant : Ingolstadter Strasse 51, D-92318 Neumarkt,
Germany
(72)**Name of Inventor :**
1)FREUDENSTEIN, Stephan,
2)GEISSLER, Franz,
3)NOTTBECK, Christof,
4)LAY, Sascha,

(57) Abstract :

Abstract Fixed carriageway for rail vehicles having sleepers embedded in a carriageway panel and a reinforcement, which comprises plural longitudinal and transverse rods disposed parallel and transverse to the sleepers, wherein the longitudinal rods (11, 12, 13) and transverse rods (10) are electrically isolated from one another. Fig. 1A

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2939/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARATUS AND PROCESS FOR DOWNFLOW FLUID CATALYTIC CRACKING

(51) International classification :C10G11/18
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/GB2004/000527
Filing Date :10/02/2004
(87) International Publication No :WO/2005/080531
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)PETROLEO BRASILEIRO S.A. - PETROBRAS

Address of Applicant : Av. Republica do Chile No. 65, Rio de Janeiro - RJ
Brazil

(72)Name of Inventor :

1)PINHO, Andrea de Rezende

2)RAMOS, Jose, Geraldo, Furtado

3)HUZIWARA, Wilson, Kenzo

4)DOS SANTOS, Cláudio, Fonseca, Machado

5)SILVA, Mauro

6)DUBOIS, Aurélio, Medina

7)PATRICIO JUNIOR, Nelson

8)MEDEIROS, Jorivaldo

9)FREIRE, Paulo, Sergio

10)NUNES, Walcondiney, Pereira

11)ASSUMPCAO, Paulo, Sergio, Moreira

(57) Abstract :

Abstract An apparatus for downflow fluid catalytic cracking is described, which comprise a regenerated catalyst riser carrying regenerated catalyst and a carrying fluid, those being directed through a crossover section to a distributor that will centrifuge gas and separate catalyst from carrying fluid, the catalyst being directed to a downflow reactor through a distributing basket provided with perforations. The upper part of the reactor is provided with feed injectors, which atomize the feed so that feed vaporization and feed and catalyst admixture is optimized. After the cracking reaction in downflow reactor, reaction products are separated and spent catalyst is directed to stripping and regeneration sections. The FCC process carried out in the apparatus is also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.294/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PULVERULENT COMPOSITION OF POLYMER AND FLAME RETARDANT COMPRISING AMMONIUM POLY PHOSPHATE,PROCESS FOR ITS PREPERATION,AND MOULDINGS PRODUCED FROM THIS POWDER

(51) International classification	: C08K 3/32
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2004/051009
Filing Date	:03/06/2004
(87) International Publication No	:WO/2005/010087
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DEGUSSA AG
Address of Applicant :Bennigsenplatz 1, 40474 Düsseldorf (DE) Germany
(72)**Name of Inventor :**
1)MONSHEIMER, Sylvia
2)GREBE, Maik
3)BAUMANN, Franz-Erich

(57) Abstract :

The invention relates to a powder containing a polymer and a flameproofing agent based on ammonium polyphosphate, to the use of said powder for the layered production of moulded bodies, and to moulded bodies produced from said powder. The moulded bodies produced by the inventive powder have significant advantages in terms of the flammability thereof in relation to conventional products, enabling, for example, the use thereof in aeroplanes. Furthermore, moulded bodies produced from the inventive powder have improved mechanical properties compared to moulded bodies based on conventional powders, especially in terms of the elasticity module and the tensile strength thereof. The density of such moulded bodies approaches that of injection-moulded bodies

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2940/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SHORT-RANGE CELLULAR BOOSTER

(51) International classification	:G08G1/09,H04J1/00,H04B3/36,7/00,7/14	(71)Name of Applicant :
(31) Priority Document No	:60/535,930	1)MOHEBBI, Behzad, Barjasteh
(32) Priority Date	:12/01/2004	Address of Applicant : 2480 Irvine Boulevard #349, Tustin, CA 92782
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/000965	(72)Name of Inventor :
Filing Date	:11/01/2005	1)MOHEBBI, Behzad, Barjasteh
(87) International Publication No	:WO/2005/069249	
(61) Patent of Addition to		
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application		
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A repeater mediates traffic between a network transceiver and a user transceiver in a wireless communication system. The repeater comprises a network unit that maintains a network link with the network transceiver, a user unit that maintains a user link with the user transceiver, a two-way communication pathway between the network unit and the user unit; that facilitate the communication of signals between the network transceiver and the user transceiver in autonomous repeater hops between the network transceiver and the network unit, between the user transceiver and the user unit, and between the network unit and the user unit, and beam-formers respectively coupled to the network unit and the user unit and adapted to communicate signals in an operating frequency band of the network and user transceivers and to control effective radiated power.

(54) Title of the invention : HIGH-PRESSURE PUMP, PARTICULARLY FOR A FUEL-INJECTION DEVICE OF AN INTERNAL COMBUSTION ENGINE

(51) International classification	:F02M59/46,F04B53/10,F16K15/04,15/06	(71) Name of Applicant :	
(31) Priority Document No	:10 2004 006 700.7	1)ROBERT BOSCH GMBH	
(32) Priority Date	:11/02/2004	Address of Applicant : Postfach 30 02 20, D-70442 Stuttgart Germany	
(33) Name of priority country	:Germany	(72) Name of Inventor :	
(86) International Application No	:PCT/EP2005/050126	1)RODRIGUEZ-AMAYA, Nestor	
Filing Date	:13/01/2005	2)MENNICKEN, Michael	
(87) International Publication No	:WO/2005/078273	3)BRENDLE, Peter	
(61) Patent of Addition to	:NA	4)BREDOW, Falko	
Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application	:NA		
Number	:NA		
Filing Date	:NA		

(57) Abstract :

Abstract The high-pressure pump exhibits at least one pump element (16), a pump piston (20) that is driven in an elevating motion and which borders a pump chamber (24), where fuel is sucked out from a fuel inlet conduit (50) through an inlet valve (30) during the intake stroke of the pump piston (20) and from which fuel is discharged through a discharge valve (32) during the discharge stroke of the pump piston (20). The inlet valve (30) has a valve element (44) that works together with a sealing surface (48) that is inclined to its longitudinal axis (45) and with a valve seat (42c) located in a valve body (40), whereby a cross-section of the stream is released between the fuel inlet conduit (50) and the pump chamber (24) when the valve element (44) is in an opened state and when the same is lifted with its sealing surface (48) from the valve seat (42c). A region (52) with the smallest cross-section of the stream is created between the valve element (44) and the valve body (40) in the direction of the flow from the fuel inlet conduit (50) to the pump chamber (24) downstream after the sealing surface (48) of the valve element (4) when the valve element (44) is in an opened state.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2942/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PREVENTING LOAD CHANGE IMPACTS IN A MOTOR VEHICLE

(51) International classification	:F16D48/06
(31) Priority Document No	:10 2004 007 160.8
(32) Priority Date	:12/02/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/001269
Filing Date	:08/02/2005
(87) International Publication No	:WO/2005/078305
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)VOLKSWAGEN AKTIENGESELLSCHAFT
Address of Applicant : D 38436 Wolfsburg Germany
(72)**Name of Inventor :**
1)BOTHE, Edgar
2)SCHREIBER, Wolfgang

(57) Abstract :

Abstract The invention relates to a method for preventing load change impacts in a motor vehicle, especially as a result of abrupt changes in the position of the accelerator. At least one dual clutch mechanism is provided between the drive engine and the gearbox, wherein the gearbox has several selectable gear steps and the clutch is controlled in relation to the torque which is to be transmitted. The driving comfort is improved by controlling the clutch during the starting process of the motor vehicle and/or the gear steps are engaged during the starting process of the vehicle in such a way that the speed of rotation (nAW1; nAW2) of the gear input shaft is lower than the idling position speed (nLL) of rotation of the engine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2943/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INJECTOR AUTO PURGE

(51) International classification :A61M5/36,5/145

(31) Priority Document No :10/780,269

(32) Priority Date :17/02/2004

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

(86) International Application No :PCT/US2005/004600

Filing Date :11/02/2005

(87) International Publication No :WO/2005/079892

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LIEBEL-FLARSHEIM COMPANY

Address of Applicant : 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 U.S.A.

(72)Name of Inventor :

1)GRISPO, Keith, M.

(57) Abstract :

Abstract An auto purge for an intravenous contrast injector of the type having a motor which advances a plunger drive ram and configured for use with a pre-filled or user-filled syringe containing an approximate known amount of air including a processor which causes the motor to move and a memory storing a predetermined purge stop point representative of the approximate known amount of air in the syringe, the injector configured to automatically advance the plunger drive ram. an amount substantially equal to the predetermined purge stop point representative of the approximate known amount of air contained in the syringe.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2944/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONTINUOUS PROCESS FOR PRODUCTION OF POLYAMIDES

(51) International classification	:C08G69/16,69/04	(71)Name of Applicant :
(31) Priority Document No	:10 2004 006 955.7	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:12/02/2004	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/001248	1)DEININGER, Jurgen
Filing Date	:08/02/2005	2)DEMETER, Jurgen
(87) International Publication No	:WO/2005/078004	3)HAHN, Thilo
(61) Patent of Addition to Application Number	:NA	4)KORY, Gad
Filing Date	:NA	5)SOTJE, Oliver
(62) Divisional to Application Number	:NA	6)ZEHNER, Peter
Filing Date	:NA	

(57) Abstract :

Continuous process for production of polyamides Abstract A continuous process for producing polyamides, their oligomers or mixtures thereof, if appropriate with further reaction products, comprises reaction of aminonitriles or dinitriles and diamines or mixtures thereof, if appropriate together with further polyamide-forming monomers and/or oligomers, with an aqueous medium composed of aqueous monomer and oligomer extracts obtained from polyamide production by extraction of the polymer with water in a reactor which has a vertical longitudinal axis and through which there is a flow substantially in the longitudinal direction wherein water and/or the aqueous medium are introduced into the reactor at two or more different locations along the vertical longitudinal axis, wherein the aqueous medium is introduced at one or more locations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2945/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :10/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR THE SEPARATION OF INTERMEDIATES WHICH MAY BE USED FOR THE PREPARATION OF ESCITALOPRAM

(51) International classification	:C07C253/34,253/30,255/59,C07D307/87	(71)Name of Applicant :
(31) Priority Document No	:PA200400217	1)H. LUNDBECK A/S
(32) Priority Date	:12/02/2004	Address of Applicant : 9, Ottiliavej DK-2500 Valby-Copenhagen
(33) Name of priority country	:Denmark	Denmark
(86) International Application No	:PCT/DK2005/000075	(72)Name of Inventor :
Filing Date	:02/02/2005	1)LYNGSO, Lars Ole
(87) International Publication No	:WO/2005/077891	
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date		
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date		

(57) Abstract :

The invention relates to a method of separating and isolating an acylated derivative of 4-[(S)-4-dimethylamino-1-(4-fluorophenyl)-1-hydroxybutyl]-3-hydroxymethylbenzonitrile by reaction of a mixture of the 4-[(S)-4-dimethylamino-1-(4-fluorophenyl)-1-hydroxy-butyl]-3-hydroxymethylbenzonitrile and an acylated derivative thereof with a compound which form a derivative of the 4-[(S)-4-dimethylamino-1-(4-fluorophenyl)-1-hydroxy-butyl]-3-hydroxymethylbenzonitrile containing a carboxylic acid group. The acylated derivative containing a carboxylic acid group precipitates once it is formed and may easily be separated from the reaction mixture.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2946/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :09/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : " METHOD FO0R FORMATING AN OPTICAL DISC

(51) International classification	:G11B20/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB04/50569
Filing Date	:04/05/2004
(87) International Publication No	:WO
	2004/100159 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)KONINKLLIKE PHILIPS ELECTRONICS N.V.
Address of Applicant :OF GROENEWOUDSEWEG EI8NDHUVEN,
THE NETHERLANDS, DUTCH COMPANY. Netherlands
(72)**Name of Inventor :**
1)BRONDIJK ,ROBERT A,

(57) Abstract :

An invert assembly for an individual section glassware forming machine includes an invert base (12) that is oscillated about an axis between angularly spaced apart first and second positions, a double ended ball screw (48) positioned co-axially with the axis and having spaced apart oppositely threaded portions (52, 54), first and second nuts (56, 58) each threadably engaging one of the oppositely threaded portions of the ball screw so that the nuts reciprocate toward and away from each other in response to rotation of the ball screw, and first and second neck ring arms (14) respectively engaging the first and second nuts so that the neck ring arms reciprocate toward and away from each other along the axis with the first and second nuts. Preferably, the invert base is oscillated about the axis by a first reversible electric motor (44), and the ball screw is driven for rotation in opposed directions by a second reversible electric motor (50) to move the nuts and neck ring arms toward and away from each other along the axis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2946/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF ALLOCATING OPTIMAL PAYLOAD SPACE

(51) International classification	:H04H1/00,G11B20/00	(71) Name of Applicant :
(31) Priority Document No	:04100132.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050145	(72) Name of Inventor :
Filing Date	:13/01/2005	1)LEMMA, Aweke, N.
(87) International Publication No	:WO/2005/071870	2)VAN DE KERKHOF, Leon, M.
(61) Patent of Addition to Application Number	:NA	3)OOMEN, Arnoldus, W., J.,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

There is provided a method of allocating optimal payload space in a watermarking system. The method includes steps of: (a) obtaining identification parameters relating to programme data content (PC), said identification parameters including at least one or more user identifiers (UID) and one or 5 more programme content identifiers (CID); (b) storing said identification parameters (UID, CID) in one or more databases (30); (c) generating one or more transaction numbers (nTR) capable of being uniquely mapped to corresponding identification parameters (UID, CID) stored in the one or more 10 databases (30); and (d) generating watermark information for carrying said one or more transaction numbers (nTR) and embedding said watermark information as an optimized payload (OPL) into said programme data content (PC) to generate corresponding watermarked data content (WPC).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2947/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :10/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : RECOMBINANT IL-9 ANTIBODIES AND USES THEREOF

(51) International classification :C07K 16/24

(31) Priority Document No :60/462,259

(32) Priority Date :11/04/2003

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

(86) International Application No :PCT/US04/11172

Filing Date :12/04/2004

(87) International Publication No :WO/2004/091510

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)MEDIMMUNE, INC.

Address of Applicant :One MedImmune Way, Gaithersburg, MD 20878

(US) U.S.A.

(72)Name of Inventor :

1)REED, Jennifer, L.

2)DAVIES, Julian

3)WATKINS, Jeffry, D.

4)WU, Herren

5)TANG, Ying

(57) Abstract :

The present invention provides novel antibodies that immunospecifically bind to an IL-9 polypeptide and compositions comprising said antibodies. The present invention also provides methods and compositions preventing, treating, managing, and/or ameliorating diseases and disorders associated with aberrant expression and/or activity of IL 9 or IL-9 receptor or subunits thereof, autoimmune diseases, inflammatory diseases, proliferative diseases, and infections comprising administration of one or more antibodies thereof that immunospecifically bind to an IL-9 polypeptide. The invention also encompasses methods and compositions for diagnosing, monitoring, and prognosing these disorders. The present invention further relates to articles of manufacture and kits comprising antibodies that immunospecifically bind to an IL-9 polypeptide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2947/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF BIT STREAM PROCESSING

(51) International classification	:H04N7/26	(71)Name of Applicant :
(31) Priority Document No	:04100133.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050155	(72)Name of Inventor :
Filing Date	:13/01/2005	1)LEMMA, Aweke, N.
(87) International Publication No	:WO/2005/071974	2)VAN DER VEEN, Minne
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention concerns a method of bit stream watermarking in a tandem coding system (300). The method involves arranging for the system (300) to comprise a series of stages including a first quantizing unit for processing an input signal to generate a first intermediate signal, a combining unit for embedding a watermarking signal into the intermediate signal to generate a second intermediate signal, and a second quantizing unit for processing the second intermediate signal to generate a watermarked output signal. The first quantizing unit is arranged to include a unit for predicting distortions arising in subsequent stages of the system (300) and generating one or more corresponding quantization noise reduction parameters. Moreover, the system (300) is operable to apply the one or more reduction parameters in at least one of the subsequent stages for reducing noise and/or distortion arising within the system (300).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2948/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OPTICAL SYSTEM

(51) International classification :G11B7/135,G11B7/125,G02B1/00,G02B5/30
(31) Priority Document No :04100125.6
(32) Priority Date :16/01/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/IB2005/050150
Filing Date :13/01/2005
(87) International Publication No :WO/2005/071671
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)HENDRIKS, Robert, F., M.
2)HENDRIKS, Bernardus, H., W.

(57) Abstract :

An optical system comprising an optical element arranged on an optical axis in the path of a radiation beam. The optical element (2; 116; 202) comprises a birefringent material and has a non-planar face (4) through which the radiation beam passes. The optical system comprises a polarisation control system for controlling polarisation of the radiation beam such that the radiation beam has a polarisation which is non-uniform across a cross section (21; 24) taken perpendicular to the optical axis, the non-uniform polarisation having a distribution corresponding with a shape of the said non-planar face.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2949/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELECTROWETTING DEVICE

(51) International classification	:G02B3/14,G02B26/02	(71) Name of Applicant :
(31) Priority Document No	:04100077.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:12/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050095	(72) Name of Inventor :
Filing Date	:07/01/2005	1)KUIPER, Stein
(87) International Publication No	:WO/2005/069043	2)HENDRIKS, Bernardus, H., W.
(61) Patent of Addition to Application Number	:NA	3)AUBERT, Jozef, E.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electrowetting device comprises a variable element (28) and a control system (11) for the variable element (28), wherein the control system (11) is adapted to provide an asymmetric voltage waveform to the variable.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2950/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING A READOUT PARAMETER DURING READING

(51) International classification	:G11B11/105
(31) Priority Document No	:04100081.1
(32) Priority Date	:12/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050085
Filing Date	:07/01/2005
(87) International Publication No	:WO/2005/069282
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VERSCHUREN, Coen, A.

(57) Abstract :

The present invention relates to a method and apparatus for controlling at least one readout parameter during a reading operation from a magneto-optical recording medium comprising a storage layer and a readout layer, wherein an expanded domain leading to a pulse in a reading signal is generated in said readout layer by copying of a mark region from said storage layer to said readout layer upon heating by the radiation power and with the help of the external magnetic field. A pulse pattern in the reading signal is analyzed, and the analysis result is compared with a runlength characteristic of the data stored in said storage layer. A relative occurrence of runlength violations is obtained from this comparison, and an error signal is generated having a predetermined continuous functional relationship with said determined relative occurrence. The at least one readout parameter is controlled on the basis of generated error signal. This makes the error signal dependent on the relative occurrence of detected runlength violations, such that a smooth transition from the non-controlled state to the controlled state can be achieved so as to increase the robustness of the control loop.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2951/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :10/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : PYRIMIDINE COMPOUNDS AND PESTS CONTROLLING COMPOSITION CONTAINING THE SAME

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:2003-132663	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:12/05/2003	Address of Applicant :27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-
(33) Name of priority country	:Japan	8260 Japan
(86) International Application No	:PCT/JP2004/006586	(72)Name of Inventor :
Filing Date	:10/05/2004	1)MIZUNO, Hajime
(87) International Publication No	:WO/2004/099160	2)MANABE, Akio
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract: The present invention relates to a pyrimidine compound of the formula (I);wherein R₁? represents a hydrogen atom, halogen atom or C1-C4 alkyl; R₂? represents C3-C7 alkynyloxy; R₃? represents a hydrogen atom, halogen atom or C1-C3 alkyl; X represents C4-C7 polymethylene, in which a CH₂#191-CH₂#191 may be replaced with a CH=CH, optionally substituted with at least one substituent selected from the group consisting of halogen atoms, trifluoromethyl and C1-C4 alkyls. This pyrimidine compound has an excellent activity of controlling pests.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2951/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR FILTERING HOME-NETWORK CONTENT

(51) International classification	:H04N7/24	(71)Name of Applicant :
(31) Priority Document No	:04100096.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:13/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/052869	(72)Name of Inventor :
Filing Date	:20/12/2004	1)BRONNENBERG, Wilhelmus, J., H., J.
(87) International Publication No	:WO/2005/079071	2)BODLAENDER, Maarten, P.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The present invention relates to a method for filtering and storing information about content, which is available on a network device in a network, wherein said network further comprises network rendering devices adapted for rendering content, the method comprising filtering the information by removing information about content, which cannot be rendered by at least one of said network devices adapted for rendering content, storing the filtered information and making it available on the network. When the network is a UPnP network, then control points have faster reaction times when they browse the content directory service, the content directory being the stored filtered information. Further, less load on the content directory service, the control point and the network is obtained when the control point browses the content directories. Further, the content presented to the user on the user screen of a control point only comprises content, which can be used.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2952/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD, APPARATUS AND RECORD CARRIER WITH AVERAGE-RUNLENGTH PRESERVING CODE FOR IMPROVED READOUT PARAMETER CONTROL

(51) International classification	:G11B20/14,H03M5/14,G11B11/105	(71) Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven Netherlands
(31) Priority Document No	:04100101.7	
(32) Priority Date	:14/01/2004	
(33) Name of priority country	:EUROPEAN UNION	
(86) International Application No	:PCT/IB2005/050036	(72) Name of Inventor :
Filing Date	:05/01/2005	1)VERSCHUREN, Coen, A.
(87) International Publication No	:WO/2005/069281	2)COENE, Willem,. M., J., M.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The present invention relates to a method and apparatus for controlling at least one readout parameter of a magneto-optical domain expansion recording medium. An average detected runlength of the reading signal is monitored, and an error signal is generated on the basis of a comparison of the monitoring result with the predetermined average runlength that has been set during the encoding step. The at least one readout parameter is then controlled by means of the generated error signal. Furthermore, the present invention relates to a method, apparatus and record carrier wherein a runlength constraint is applied to at least one of the following quantities: mark regions and space regions in said storage layer, said runlength constraint being selected to keep an accumulated runlength deviation from a predetermined average runlength within a predetermined range. The proposed runlength property and control scheme provide the advantage that all detected runlengths contribute to the error signal to make the response much faster and to reduce readout errors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2953/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : VARIABLE FOCUS LENS

(51) International classification	:G02B3/14	(71)Name of Applicant :
(31) Priority Document No	:04100100.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:14/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050142	(72)Name of Inventor :
Filing Date	:13/01/2005	1)HENDRIKS, Bernardus, H., W.
(87) International Publication No	:WO/2005/069044	2)KUIPER, Stein
(61) Patent of Addition to Application Number	:NA	3)RENDERS, Christina, A.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An achromatic electrowetting lens is provided. This is achieved by a particular choice of the parameters n , n_2 , V , and V_2 , wherein n is the refractive index and V is the Abbe number. By fulfilling the relations: Formula (I) an achromatization of the electrowetting lens is achieved.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2954/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MIRROR WITH BUILT-IN-DISPLAY

(51) International classification :G09F13/12,G02B5/08,G02F1/1335,A47G1/02

(31) Priority Document No :04100107.4

(32) Priority Date :15/01/2004

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/IB2005/050018

Filing Date :04/01/2005

(87) International Publication No :WO/2005/071645

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)NIEUWKERK, Armanda, C.

2)VAN DELDEN, Martinus, H., W., M.

3)PEETERS, Emiel

4)VAN DER ZANDE, Bianca, M., I.,

(57) Abstract :

A mirror device (1) which can be simultaneously used for display purposes, based on e.g. an LCD display (5) with a polarizing mirror (2) placed in front of it. When the surface area occupied by the display is smaller than the surface area of the mirror, the smaller display can be easily recognized at the front of the mirror. This is masked by introducing absorbing polarizers (30, 40).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2955/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MIRROR WITH BUILT-IN-DISPLAY

(51) International classification :G09F13/12,G02B5/08,G02F1/1335,A47G1/02

(31) Priority Document No :04100107.4

(32) Priority Date :15/01/2004

(33) Name of priority country :EUROPEAN UNION

(86) International Application No :PCT/IB2005/050019

Filing Date :04/01/2005

(87) International Publication No :WO/2005/071646

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)DE BOER, Dirk, K., G.

2)NIEUWKERK, Armanda, C.

3)CORNELISSEN, Hugo, J.

4)HORSTEN, Jan, B., A., M.

5)VAN DELDEN, Martinus, H., W., M.

(57) Abstract :

A mirror device (1) which can be simultaneously used for display purposes based on e.g. an LCD display (5) with a polarizing mirror (2) placed in front of it. The orientation direction of a retardation layer (31, 32) is aligned with respect to the polarization direction of the polarizing mirror to give optimal optical performance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2956/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF ALLOCATING PAYLOAD BITS OF A WATERMARK

(51) International classification	:G06T1/00
(31) Priority Document No	:04100118.1
(32) Priority Date	:15/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050137
Filing Date	:12/01/2005
(87) International Publication No	:WO/2005/071610
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VAN DER VEEN, Minne.,
2)LEMMA, Aweke, N.
3)KALKER, Antonius, A., C., M.

(57) Abstract :

ABSTRACT: A method of dynamically allocating payload bits in a watermarking system (10) is provided. The method including steps of: (a) determining one or more parameters to be conveyed in bits of a payload to be included in watermark information for embedding in programme content; (b) dynamically allocating the bits to corresponding of the one or more parameters so as to represent the one or more parameters in the payload; (c) including the payload in the watermark information; and (d) embedding the watermark information including the payload into the programme content. Such dynamic allocation of payload bits is capable of providing more effective use of payload capacity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2957/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FEEDING FORMULA APPLIANCE

(51) International classification

:

(31) Priority Document No

:10/755,289

(32) Priority Date

:13/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/IL2005/000051

Filing Date

:13/01/2005

(87) International Publication No

:WO/2005/067385

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BIDERMAN, Eytan

Address of Applicant : P O Box 21777, 61217 Tel-Aviv Israel

(72)Name of Inventor :

1)BIDERMAN, Eytan

2)ZIV, Noam

(57) Abstract :

A device for preparing a fluid food at a desired consumption temperature on demand, and for preparing foods or food supplements from components selected based on personal preferences and/or nutritional needs of individual users. The device comprises two reservoirs (12, 14) of water, a container (18, 20) containing a food formula, a data processor (23) and a controller (24) for dispensing a selected quantity of water from each of the reservoirs and a selected quantity of food formula from the formula container into a mixing container (26). The invention is useful in preparing food for infants and in preparing food according to individualized nutritional requirements of individuals of all ages, and in personalized drink preparation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2958/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MALONONITRILE COMPOUNDS AND USE THEREOF

(51) International classification :C07D209/12,209/42,209/30,207/42,207/34	(71) Name of Applicant : 1)SUMITOMO CHEMICAL COMPANY, LIMITED Address of Applicant : 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 1048260 Japan
(31) Priority Document No :2004-009150	
(32) Priority Date :16/01/2004	
(33) Name of priority country :Japan	
(86) International Application No :PCT/JP2005/000555	(72) Name of Inventor : 1)MITSUDERA, Hiromasa
Filing Date :12/01/2005	
(87) International Publication No :WO/2005/068423	
(61) Patent of Addition to Application Number :NA	
Filing Date :NA	
(62) Divisional to Application Number :NA	
Filing Date :NA	

(57) Abstract :

ABSTRACT A nitrile compound shown by the formula (1) has an excellent pesticidal activity and it is useful as an active ingredient of pesticide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2959/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METAL-CLADDED METAL MATRIX COMPOSITE WIRE

(51) International classification :C22C47/08,49/06,49/02,49/14,B32B15/02
(31) Priority Document No :10/779,438
(32) Priority Date :13/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000101
Filing Date :03/01/2005
(87) International Publication No :WO/2005/083142
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, MN
55133-3427 U.S.A.
(72)**Name of Inventor :**
1)MCCULLOUGH, Colin;
2)DEVE, Herve, E.;
3)JOHNSON, Douglas, E.;

(57) Abstract :

Abstract Metal-cladded metal matrix composite wires that include a hot worked metal cladding associated with the exterior surface of a metal matrix composite wire comprising a plurality of continuous, longitudinally positioned fibers in a metal matrix.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2960/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : KEEP VEIN OPEN METHOD AND INJECTOR WITH KEEP VEIN OPEN FUNCTION

(51) International classification :A61M5/145,5/00

(31) Priority Document No :10/779,285

(32) Priority Date :13/02/2004

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

(86) International Application No :PCT/US2005/004348

Filing Date :11/02/2005

(87) International Publication No :WO/2005/079886

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)LIEBEL-FLARSHEIM COMPANY

Address of Applicant : 675 McDonnell Boulevard, P O Box 5840, St. Louis, MO 63134, U.S.A.

(72)Name of Inventor :

1)WAGNER, Gary, S.

2)FAGO, Frank

(57) Abstract :

Abstract The present invention embodies a method and an injector adapted to incorporate this method, for keeping a patient's vein open during an intravenous contrast injector procedure without injecting a saline solution from a separate syringe. The injector includes a controller having a programable software module to allow an operator to configure the injector to push some contrast media fluid through an injection site and then retract a plunger drive ram. A syringe is adapted to allow a patient's blood pressure to move the syringe plunger back towards its starting position, thus enabling a patient's blood to pass through the injection site. Alternatively, the syringe is adapted with an elastic plunger which as it enlarges and contracts facilitates fluid communication through the injection site. Additionally, the plunger drive ram can be adapted to gradually pull as well as push the plunger, thereby causing fluid to flow across the injection site.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2961/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PHARMACEUTICAL COMPOSITIONS COMPRISING MIDAZOLAM IN A HIGH CONCENTRATION

(51) International classification	:A61K9/08,31/5517
(31) Priority Document No	:0400804.1
(32) Priority Date	:14/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/050133
Filing Date	:13/01/2005
(87) International Publication No	:WO/2005/067893
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MERKUS, Franciscus, Wilhelmus, Henricus, Maria
Address of Applicant : Grootreesdijk 26, B-2460 Kasterlee Belgium
(72)**Name of Inventor :**
1)MERKUS, Franciscus, Wilhelmus, Henricus, Maria

(57) Abstract :

Abstract The present invention relates to the administration of midazolam. In particular, the invention provides new midazolam compositions for intranasal administration. These compositions contain midazolam in a high concentration of at least 35mg/ml.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2962/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ROSIGLITAZONE PHOSPHATE AND POLYMORPHIC FORMS

(51) International classification :C07D277/00

(31) Priority Document No :0403254.6

(32) Priority Date :13/02/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP2005/001378

Filing Date :11/02/2005

(87) International Publication No :WO/2005/080358

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SANDOZ AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)GREIL, Julia

2)LUDESCHER, Johannes

3)WOLF, Siegfried

(57) Abstract :

Abstract The present invention relates to 5- {[4-[2-(methyl-2- pyridinylamino)ethoxy]phenyl]-2,4-thiazolidinedione phosphate, a novel salt of rosiglitazone and to novel polymorphic forms thereof. The invention is also directed to processes for preparation of rosiglitazone phosphate and its polymorphs. The compounds of the invention are useful for treatment and/or prophylaxis of diabetes mellitus, conditions associated with diabetes mellitus and certain complications thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2963/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTI-DIMENSIONAL IMAGE RECONSTRUCTION

(51) International classification	:GO6F,HO4L
(31) Priority Document No	:60/535,830
(32) Priority Date	:13/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2005/000048
Filing Date	:13/01/2005
(87) International Publication No	:WO/2005/067383
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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U.S.A.
(72)**Name of Inventor :**
1)ROUSSO, Benny
2)NAGLER, Michael

(57) Abstract :

Abstract Apparatus for radiation based imaging of a non-homogenous target area having distinguishable regions therein, comprises: an imaging unit configured to obtain radiation intensity data from a target region in the spatial dimensions and at least one other dimension, and an image four-dimension analysis unit analyzes the intensity data in the spatial dimension and said at least one other dimension in order to map the distinguishable regions. The system typically detects rates of change over time in signals from radiopharmaceuticals and uses the rates of change to identify the tissues. In a preferred embodiment, two or more radiopharmaceuticals are used, the results of one being used as a constraint on the other.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2964/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR MAKING METAL CLADDED METAL MATRIX COMPOSITE WIRE

(51) International classification :B21C23/30,37/04,B21F19/00,H01B5/02
(31) Priority Document No :10/778,488
(32) Priority Date :13/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/000102
Filing Date :03/01/2005
(87) International Publication No :WO/2005/082556
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul,
Minnesota 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)MCCULLOUGH, Colin;
2)JOHNSON, Douglas, E.;

(57) Abstract :

Abstract A method for forming metal-cladded metal matrix composite wires (20) . The method associates a ductile metal cladding (22) to the exterior surface (24) of a metal matrix composite wire (26) comprising a plurality of substantially of substantially continuous, longitudinally positioned fibers in a metal matrix.

(54) Title of the invention : TO INVESTIGATE THE POTENTIAL OF USING BEETLE ODOURS TO DETER SLUGS IN VINING PEAS

(51) International classification	:A01N63/02,37/06,37/02	(71)Name of Applicant :
(31) Priority Document No	:0400744.9	1)GANI, Nargis, Abdul
(32) Priority Date	:14/01/2004	Address of Applicant : No 4, Harlequin Court, Newport Road, Cardiff
(33) Name of priority country	:U.K.	CF24 1RE U.K.
(86) International Application No	:PCT/GB2005/000018	(72)Name of Inventor :
Filing Date	:06/01/2005	1)GANI, Nargis, Abdul
(87) International Publication No	:WO/2005/046333	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract In the UK slugs can be a major problem in vining peas. Their climbing and feeding habit on pea plants can often result in large numbers being picked up by the viners, causing contamination and possible rejection of the crop, consequently leaving the growers to meet the loss and face the costs. A likely answer, using the current interest in natural enemies as sources of potential chemical repellents, is now being studied by a PhD student at Cardiff University and hopefully this could lead to a new slug deterrent. It has been known for quite some time that slugs are reluctant to enter areas recently colonised by ground beetles, but it is only from an extensive series of laboratory experiments that it has now become clear that slugs respond to chemical secretions from the beetles pygidial glands - situated at the tip of the abdomen (see description figure 1). Normally discharged from the glands in response to attack by beetle predators, these secretions contain a cocktail of noxious substances - usually a mixture of acids and alkanes although the balance may vary from species to species (see description). That this defense mechanism also works to the beetles disadvantage in alerting its own potential prey was shown recently only to Cardiff university (see description, Figures 2-5) as a significant change in the behaviour of the slugs when exposed to beetle extracts. Video recordings used to carry out these tests revealed a direct and rapid reaction on the part of the slugs when coming into contact with beetle extracts showing that the results are very encouraging (see description, page 1). The test also revealed that these slugs do not die during the course of this experiment. This must show that when slugs are exposed to beetle extracts there will be no side effects. The important chemicals have since been obtained, from commercial sources and tested to show its effect on deterring slugs from feeding on to growing plants and its effect on deterring slugs from climbing on to growing plants, under semi-field conditions. The findings conclude that beetle odours have the potential to develop into a new slug deterrent. Chemical companies will also receive the new slug deterrent as a potential source to stop and prevent slugs from entering into other crops currently for use in the UK.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2966/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR A CLIENT CALL SERVICE

(51) International classification	:G06F9/445,17/60,9/46	(71) Name of Applicant :
(31) Priority Document No	:10/756,139	1)INTERNATIONAL BUSINESS MACHINES CORPORATION
(32) Priority Date	:13/01/2004	Address of Applicant : Armonk, New York 10504 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/050044	1)AMBROSE, Kevin
Filing Date	:06/01/2005	
(87) International Publication No	:WO/2005/069134	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT METHOD AND APPARATUS FOR A CLIENT CALL SERVICE A method, apparatus, and computer instructions for providing access to an application. An operating system is identified on the client responsive to receiving a request for access to the application from a client. An appropriate version of the application for the client is selected in response to identifying the operating system. The files required on the client are sent for execution of the appropriate version of the application to the client. A billing process is initiated to identify an amount time during which the appropriate version of the application is used on the client.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2967/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PERTURBED MEMBRANE-BINDING COMPOUNDS AND METHODS OF USING THE SAME

(51) International classification	:		(71)Name of Applicant :
(31) Priority Document No	:	10/799,586	1)NST NEUROSURVIVAL TECHNOLOGIES LTD.
(32) Priority Date	:	15/01/2004	Address of Applicant : 11 Odem Street, Kiryat Matalon, 49170 Petah-
(33) Name of priority country	:	U.S.A.	Tikva Israel
(86) International Application No	:	PCT/IL2005/000055	(72)Name of Inventor :
Filing Date	:	16/01/2005	1)ZIV, Ilan
(87) International Publication No	:	WO/2005/067388	2)SHIRVAN, Anat
(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 compounds that selectively bind to cells undergoing perturbations and alterations of their normal plasma membrane organization, such as cells undergoing apoptosis or activated platelets. The invention further provides methods for utilizing said compounds in medical practice, for diagnostic and therapeutic purposes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2968/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CHILD-RESISTANT CLOSURE HAVING A NON-CHILD-RESISTANT MODE OF OPERATION

(51) International classification	:B65D50/04
(31) Priority Document No	:10/756,082
(32) Priority Date	:13/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001190
Filing Date	:13/01/2005
(87) International Publication No	:WO/2005/070780
(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 : One SeaGate, Toledo,OH 43666 U.S.A.
(72)**Name of Inventor :**
1)BROZELL, Brian, J.
2)WOLFE, Steven, R.

(57) Abstract :

A closure includes an outer plastic shell (42) having a base wall (46), a peripheral skirt (48) with a central axis, a circumferential array of lugs (52) on an underside of the base wall, and a pair of axially spaced internal beads (60, 62) on the skirt spaced from the base wall. An inner plastic shell (44) has a base wall (68), a peripheral skirt (48) with a central axis, at least one internal thread on the skirt of the inner shell, a circumferential array of lugs (80) on an outer surface of the base wall, and a circumferential bead on an outer surface of the skirt remote from the base wall. The inner shell is positionable within the outer shell in a non-child-resistant first position with the bead on the skirt of the inner shell captured between the beads on the skirt of the outer shell, such that the outer shell is rotatably coupled to the inner shell and the at least one internal thread on the skirt of the inner shell can be threaded onto and off of a container by simple rotation of the outer shell. The inner shell is positionable within the outer shell in a child-resistant second position with the bead on the inner shell skirt spaced from the beads on the outer skirt, such that rotation of the outer shell is imparted to the inner shell by forced engagement of the lugs on the base wall.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2969/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LASER WELDED MULTI-LAYERED STEEL GASKET ASSEMBLY

(51) International classification

:

(31) Priority Document No

:10/756,591

(32) Priority Date

:13/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2004/037397

Filing Date

:10/11/2004

(87) International Publication No

:WO/2005/069763

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FEDERAL-MOGUL CORPORATION

Address of Applicant : 26555 Northwestern Highway, Southfield, MI

48034 U.S.A.

(72)Name of Inventor :

1)WADE, Lloyd, Garrold

(57) Abstract :

Abstract The subject invention provides a method of manufacturing a multi-layered steel gasket assembly including a plurality of steel gasket layers each having a predetermined electrical resistance and including at least one coating layer of a material having an electrical resistance substantially greater than that of the steel gasket layers. The method includes the steps of: applying the coating layer of the selected material to at least one surface of at least one of the steel gasket layers to provide at least one coated gasket layer; assembling the coated gasket layer with at least one other steel gasket layer such that the coating layer prevents the use of traditional resistance welding in joining the gasket layers; and thereafter welding the assembled gasket layers together by either a JAG or CO2 laser to form the multi-layered steel gasket assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2970/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD, APPARATUS AND SYSTEM FOR OPTICAL COMMUNICATIONS

(51) International classification	:H04B10/00
(31) Priority Document No	:200410003052.0
(32) Priority Date	:15/01/2004
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2004/001052
Filing Date	:16/09/2004
(87) International Publication No	:WO/2005/071869
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
Address of Applicant : Huawei Administration Building, Bantian,
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(72)**Name of Inventor :**
1)LI, Weishi
2)LUO, Jun;
3)CHANG, Tianhai;
4)XIONG, Qianjin
5)JIN, Yuzhi
6)ZHANG, Naisheng

(57) Abstract :

Abstract The present invention discloses an optical communication system, a sub-rate multiplexing/de-multiplexing apparatus and the method thereof such that the optical communication system could meet the demand of Metropolitan Area Network (MAN) communications using the existing optical fibre network. This optical communication system includes an optical transmitting module and an optical receiving module connected by optical fibres, wherein the optical transmitting module is used for converting the inputted electrical signals into optical signals and transferring the optical signals to the optical receiving module via optical fibres, and the optical receiving module is used for converting the received optical signals into electrical signals and outputting the electrical signals. In the optical signals transferred by optical fibres, the data transmission rate of at least one wavelength is about 5Gb/s. One or multiple optical amplifiers may be incorporated as well between the optical transmitting module and the optical receiving module.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2971/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WATERMARK DETECTION

(51) International classification

:G06T1/00

(31) Priority Document No

:0403327.0

(32) Priority Date

:14/02/2004

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/IB2005/050493

Filing Date

:08/02/2005

(87) International Publication No

:WO/2005/078655

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)ROBERTS, David, K.

(57) Abstract :

Abstract A detector (100) detects the presence of a watermark in an information signal. The information signal is correlated with an expected watermark (Wi) for each of a plurality of relative positions of the information signal with respect to the watermark to derive a set of correlation results (64). Part of the correlation results (64) are cross-correlated (82) with information (81) about an expected shape of a correlation peak in the results. This can improve the sensitivity of the detector (100). The cross-correlation result (84) is compared with a threshold at peak detection unit (85). The threshold used in this comparison (85) is set in an adaptive manner according to the expected shape. The information (81) about an expected shape of the correlation peak can be based on knowledge of processing operations that the information signal has undergone or expected to have undergone or from the shape of previous correlation results.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2972/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WATERMARK DETECTION BY CORRELATION SHAPE ANALYSIS

(51) International classification	:G06T1/00	(71)Name of Applicant :
(31) Priority Document No	:0403330.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:14/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.K.	Netherlands
(86) International Application No	:PCT/IB2005/050495	(72)Name of Inventor :
Filing Date	:08/02/2005	1)ROBERTS, David, K.
(87) International Publication No	:WO/2005/078657	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A watermark detector (100) detects a watermark in an information signal. The information signal is correlated with an expected watermark (Wi) for each of a plurality of relative positions of the information signal with respect to the watermark to derive a set of correlation results (64). The correlation results (64) are analysed to identify a cluster of correlation results which exceed a threshold value, the cluster representing a possible correlation peak. Where multiple clusters are identified, the most likely cluster is selected for further processing while other results are discarded. The cluster of results can identify a correlation peak which has become smeared due to lossy processing during distribution of the information signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2973/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :11/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARATUS AND METHOD FOR REGISTERING IMAGES OF A STRUCTURED OBJECT

(51) International classification	:G06T7/00,3/00,G06F19/00	(71) Name of Applicant :
(31) Priority Document No	:04100580.2	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:13/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050433	(72) Name of Inventor :
Filing Date	:02/02/2005	1)BLAFFERT, Thomas
(87) International Publication No	:WO/2005/078662	2)WIEMKER, Rafael
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: The invention relates to an apparatus and a method for registering a first image (A1) with a second stored image (A2) of an object such as the chest (2) of a patient. The images (A1, A2) may, for instance, have been produced by an X-ray CT system (1) and be used in the trend control of lung tumors. The images (A1, A2) are automatically segmented into various object constituents (a, b, c). Following this, only image areas (B1, B2) of object constituents (b) relevant to the task in hand are registered. In the trend control of lung tumors, for instance, a registration of the lung areas (b) is sufficient. Fig.1

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2974/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A METHOD OF SUBDIVIDING A PLOT OF LAND FOR HOUSING AND A HOUSING SUBDIVISION SO FORMED

(51) International classification	:G06F17/50,E04H1/00	(71)Name of Applicant :
(31) Priority Document No	:2004900191	1)GHAZALI, Mazlin, B.
(32) Priority Date	:16/01/2004	Address of Applicant : 46 Jalan 14, Ampang Jaya, SELANGOR, 68000
(33) Name of priority country	:Australia	Malaysia
(86) International Application No	:PCT/AU2005/000030	2)DURACK, Michael, James
Filing Date	:13/01/2005	(72)Name of Inventor :
(87) International Publication No	:WO/2005/069174	1)GHAZALI, Mazlin, B.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A method for sub-division of a plot of land comprises the steps of forming, on a polygonal basic tile shape, a layout of a basic precinct unit (1) comprising an array of occupiable spaces (2) of predetermined shape, at least one access way (5) communicating with each occupiable space (2) and tessellating the polygonal basic tile shapes over an area to be sub-divided whereby respective said at least one access way (5) of each basic precinct unit (1) connects with an access way (5) of an adjacent basic precinct unit (1) to form a network of connecting access ways, said basic precinct unit (1), together with an adjacent basic precinct unit (1) forming an inter-tile unit (12) of predetermined shape from two or more adjacent occupiable spaces, said inter-tile unit (12) linking adjacent basic precinct units (1). The tessellation is formed computationally and the computation may include dimensional, boundary and topographical contour data of a plot of land to be subdivided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2975/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WATERMARK DETECTION

(51) International classification

:G06T1/00

(31) Priority Document No

:0403329.6

(32) Priority Date

:14/02/2004

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/IB2005/050494

Filing Date

:08/02/2005

(87) International Publication No

:WO/2005/078656

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)ROBERTS, David, K.

(57) Abstract :

Abstract An information signal includes a plurality of watermarks (Wi) which together define a payload of data, such as a rights information. A detector (100) detects the presence (60-62) of each of the plurality of watermarks in the information signal and provides an output (101-103) which can be used to determine (70, 75) the payload represented by the watermarks. A measure of confidence in the accuracy of the payload represented by the watermarks is calculated (110) using information (104-106) from the detection stages (60-62). This provides a measure of the quality of the payload to any equipment which relies on the payload results, such as a Digital Rights Management (DRM) system. Information about the shape of correlation peaks obtained in the detection stages (60-62) can be used to derive the measure of confidence in the accuracy of the payload.

(54) Title of the invention : RESTRICTING ACCESS TO COOKIES

(51) International classification	:G06F1/00	(71)Name of Applicant :
(31) Priority Document No	:04100613.1	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:16/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Afghanistan
(86) International Application No	:PCT/IB2005/050425	(72)Name of Inventor :
Filing Date	:01/02/2005	1)NEWTON, Philip, S.,
(87) International Publication No	:WO/2005/078549	2)KELLY, Declan, P.,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of restricting access to cookie information stored on a client, said client being communicatively connected to servers via a public communication network, wherein the client receives first party data from said server, said first party data comprising embedded links to third party web pages, where at least one of said web pages is adapted for storing client specific cookie information relating to said third party web page on said client, the method comprises the step of: restricting access to said stored cookie information, whereby only third party web pages have access to said cookie information if the third party web pages are accessed via a link from said first party data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2977/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WATERMARK DETECTION

(51) International classification	:G06T1/00
(31) Priority Document No	:0403331.2
(32) Priority Date	:14/02/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/050497
Filing Date	:08/02/2005
(87) International Publication No	:WO/2005/078658
(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 : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)ROBERTS, David, K.

(57) Abstract :

A detector (100) detects the presence of a watermark in an information signal. The information signal is correlated with an expected watermark (Wi) for each of a plurality of relative positions of the information signal with respect to the watermark to derive a set of correlation results (64). A metric, such as a mean square value, is calculated for a cluster of the results (64). The metric is compared with a threshold h which is indicative of the cluster representing the presence of a correlation peak. The metric can be calculated for clusters formed at every position in the results buffer (64). Alternatively, the metric can be calculated only for a cluster which is identified as being a likely correlation peak.

(54) Title of the invention : ACRYLATE POLYMERS BASED ON TERT-BUTYL ACRYLATE FOR USE IN SPRAY FORMULATIONS

(51) International classification	:C08F220/00,220/18,A61K7/06,7/11	(71)Name of Applicant :
(31) Priority Document No	:10 2004 002 650.5	1)BASF Aktiengesellschaft
(32) Priority Date	:16/01/2004	Address of Applicant : 67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/000258	1)WINTER, Gabi
Filing Date	:13/01/2005	2)NGUYEN KIM, Son
(87) International Publication No	:WO/2005/068520	3)WOOD, Claudia
(61) Patent of Addition to Application Number	:NA	4)SIGNORI, Vittoria
Filing Date	:NA	5)SCHUH, Gerd
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Acrylate polymers based on tert-butyl acrylate for use in spray formulations Abstract The present invention relates to polymers obtainable by free-radical polymerization of a) 30 to 99% by weight of tert-butyl acrylate and/or tert-butyl methacrylate as monomer A, b) 1 to 70% by weight of acrylic acid and/or methacrylic acid as monomer B and c) 0 to 12% by weight of a free-radically copolymerizable monomer or a free- radically copolymerizable monomer mixture as monomer C, where at least one of the monomers C produces a homopolymer with a glass transition temperature of less than 30°C, with the proviso that the % by weight add up to 100, where the K value of the polymers is between 27 and 38 and where the polymerization is carried out in the presence of a regulator if the K value of the polymers is less than or equal to 35, and to the use of these polymers in preparations for, in particular, cosmetics and oral care and dental care.

(54) Title of the invention : ENGINE VALVE OPERATING SYSTEM

(51) International classification :F01L13/00,1/18

(31) Priority Document No :2004-009396

(32) Priority Date :16/01/2004

(33) Name of priority country :Japan

(86) International Application No :PCT/JP2005/000292

Filing Date :13/01/2005

(87) International Publication No :WO/2005/068791

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)HONDA MOTOR CO., LTD.Address of Applicant : 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo
1078556 Japan

(72)Name of Inventor :

1)FUJII, Noriaki**2)NAKAMURA, Katsunori****3)YONEKAWA, Akiyuki****4)FUJIMOTO, Tomoya****5)YOSHIDA, Keiko**

(57) Abstract :

A rocker arm (63) has a valve connection section (63a) to which tappet screws (70) individually in contact with a pair of engine valves are screwed such that the positions of the tappet screws in an advance/retreat direction are adjustable. The rocker arm (63) further has a cam contact section (65) in contact with a valve operating cam (69), and the rocker arm (63) is interlinked and connected to the engine valves. One end section of a first link arm (61) pivotally supported at the position where an engine body is fixed and one end section of a second link arm (62) pivotally supported by a movable shaft (68a) capable of being displaced are pivotally connected to the rocker arm (63). The rocker arm (63) is formed such that the width of the valve connection section (63a), which width is in the direction of the rotation axis of the valve operating cam (69), is greater than the width of other portions. This structure enables the amount of lift of the engine valves to be continuously varied, and makes a valve operating device more compact while achieving excellent following ability of the engine valves in opening and closing operation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2980/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A SYSTEM AND METHOD FOR SCHEDULING THE EXECUTION OF MODEL COMPONENTS USING MODEL EVENTS

(51) International classification :G06F9/44,17/50

(31) Priority Document No :10/759,346

(32) Priority Date :15/01/2004

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

(86) International Application No :PCT/US2005/000390

Filing Date :06/01/2005

(87) International Publication No :WO/2005/071537

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)THE MATHWORKS, INC.

Address of Applicant : 3 Apple Hill Drive, Natick, MA 01760 U.S.A.

(72)Name of Inventor :

1)SZPAK, Peter

2)ENGLEHART, Matthew

(57) Abstract :

A method of specifying and configuring a causal relationship between the dynamics of a graphical model and the execution of components of the model is disclosed. Model component execution is tied to the occurrence of model events. Model events are first defined in the modeling environment. The occurrence of conditions in the model specified in the definition of the event causes the event to be "posted". Model components that have been associated with the occurrence of the event "receive" the notice of the posting of the event and then execute. Random components within a subsystem may be designated to execute upon the occurrence of an event, as may non-contiguous components within a model. The association between model events and component execution may be specified without drawing graphical indicators connecting components in the view of the model.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2981/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUBSTITUTED SYM-TRIINDOLE

(51) International classification	:C07D487/14
(31) Priority Document No	:2004-038874
(32) Priority Date	:16/02/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/002140
Filing Date	:14/02/2005
(87) International Publication No	:WO/2005/077956
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IHARA CHEMICAL INDUSTRY CO., LTD.
Address of Applicant : 4-26, Ikenohata 1-chome, Taito-ku Tokyo,
1100008 Japan
(72)**Name of Inventor :**
1)HIYOSHI, Hidetaka
2)KUMAGAI, Hironobu
3)OOI, Hideo

(57) Abstract :

Novel substituted sym-triindole derivative that is applicable to a wide spectrum of uses, such as various electrification preventions, electrification controls, capacitors, batteries, chemical sensors, displays, organic EL materials, solar cells, photodiodes, phototransistors, nonlinear materials, photorefractive materials, rustproof agents, adhesives, fibers, antistatic paints, electrodeposition paints, plating primers, electric protections, etc. There is provided a substituted sym-triindole derivative of the general formula: (1) (wherein each of R1, R2, R3 and R4 independently represents hydrogen, a halogen, a C1-C6 alkyl, etc, provided that in no event all of R1, R2, R3 and R4 are simultaneously hydrogens).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2982/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GLP-1 ANALOGUES

(51) International classification :A61K38/00,C07K14/605
(31) Priority Document No :09/206,833
(32) Priority Date :07/12/1998
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US1999/028929
Filing Date :07/12/1999
(87) International Publication No :WO/2000/034332
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2001/00773/CHE
Filed on :07/12/1999

(71)**Name of Applicant :**
1)SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES SAS
Address of Applicant : 51-53, rue du Docteur Blanche, F-75016 Paris
France
2)THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND
(72)**Name of Inventor :**
1)Zheng, Xin DONG,
2)David, H. COY,

(57) Abstract :

The present invention is directed to peptide analogues of glucagon-like peptide-1, the pharmaceutically-acceptable salts thereof, to methods of using such analogues to treat mammals and to pharmaceutical compositions useful therefor comprising said analogues.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2983/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DERIVATIVES OF PYRIDINE AND QUINOLINE

(51) International classification :C07D213/74,A61K31/14,A61P31/00,33/00
(31) Priority Document No :P200400072
(32) Priority Date :14/01/2004
(33) Name of priority country :Spain
(86) International Application No :PCT/ES2005/070002
Filing Date :11/01/2005
(87) International Publication No :WO/2005/068429
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)Name of Applicant :
1)CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS
Address of Applicant : C.S.I.C., SERRANO, 117, E-28006 MADRID
Spain
2)UNIVERSIDAD DE GRANADA
(72)Name of Inventor :
1)LACAL SANJUAN, Juan Carlos
2)CAMPOS ROSA, Joaquín
3)GALLO MEZA, Miguel Angel
4)ESPINOSA UBEDA, Antonio

(57) Abstract :

ABSTRACT PYRIDINIUM AND QUINOLINIUM DERIVATIVES The invention provides compounds of formula I blocking phosphorylcholine biosynthesis by means of the selective blocking of the choline kinase enzyme in tumor cells or in cells affected by parasitic infection and therefore being applicable in the treatment of tumors and parasitic diseases or diseases produced by viruses and fungi in animals, including human beings; as well as to a method for preparing the compounds of the invention and certain intermediates of said method.

(54) Title of the invention : LESS IMMUNOGENIC BINDING MOLECULES

(51) International classification	:C07K16/28,16/30,16/46,A61P31/00.33/00	(71)Name of Applicant :
(31) Priority Document No	:04003445.6	1)MICROMET AG
(32) Priority Date	:16/02/2004	Address of Applicant : Staffelseestrasse 2, 81477 Munchen Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/001573	1)KUFER, Peter
Filing Date	:16/02/2005	2)LENKKERI-SCHUTZ, Ulla
(87) International Publication No	:WO/2005/077982	3)LUTTERBUSE, Ralf
(61) Patent of Addition to	:NA	4)KOHLEISEN, Birgit
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a bispecific binding molecule, wherein said molecule comprises or consists of at least two domains whereby one of said at least two domains specifically binds to/interacts with the human CD3 complex and said domain comprises an amino acid sequence of an antibody derived light chain, wherein said amino acid sequence is a particularly identified amino acid sequence comprising specific amino acid substitutions, and a second domain is or contains at least one further antigen-interaction-site and/or at least one further effector domain. The invention further provides nucleic acid molecules encoding the bispecific binding molecules of the invention, vectors comprising said nucleic acid molecules and host cells transformed or transfected with said vectors. Moreover, the invention concerns a method for the production of bispecific binding molecules of the invention and compositions comprising the bispecific binding molecules of the invention, the nucleic acid molecules of the invention or the host cells of the invention.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2985/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PREPARING LIQUID SUBSTANCES

(51) International classification :B01D11/04,B01F13/00 (31) Priority Document No :10 2004 007 708.8 (32) Priority Date :16/02/2004 (33) Name of priority country :Germany (86) International Application No :PCT/EP2005/001525 Filing Date :16/02/2005 (87) International Publication No :WO/2005/077484 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)DYNAMIT NOBEL GMBH Address of Applicant : Explosivstoff- und Systemtechnik, Kalkstrasse 218, 51377 Leverkusen Germany (72)Name of Inventor : 1)ANTES, Jurgen 2)BOSKOVIC, Dusan 3)HAASE, Jurgen 4)LOBBECKE, Stefan 5)RULOFF, Cornelius 6)TURCKE, Tobias

(57) Abstract :

The invention concerns a method for preparing liquid substances, whereby the preparation is made in one or several micro-reactors and/or micro-mixers, the liquid substance to be prepared being continuously mixed with a washing liquid in the micro-reactors and/or micro-mixers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2986/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELASTOMERIC HINGED SEAL

(51) International classification

:

(31) Priority Document No

:10/757,919

(32) Priority Date

:15/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2004/037400

Filing Date

:10/11/2004

(87) International Publication No

:WO/2005/069764

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FEDERAL-MOGUL CORPORATION

Address of Applicant : 26555 Northwestern Highway, Southfield, MI

48034 U.S.A.

(72)Name of Inventor :

1)TOTH, David, Michael

2)TRIPATHY, Bhawani, Sankar

(57) Abstract :

A hydrodynamic PTFE seal assembly (10) for a rotating part including a first portion (340) supported by a flexible, elastomeric member (24) and a second portion extending (46) from the first portion past the elastomeric member along the rotating part. The second or trailing portion of the seal is concentrically disposed about the rotating part. The first portion of the seal (32) attached to the elastomeric member is also concentrically disposed around the rotating part. The seal can also include a living hinge portion disposed between the first and second portions. The first portion, the second portion and the living hinge portion can jointly define a continuous sealing surface.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2987/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOUNDS AND COMPOSITIONS AS PROTEIN KINASE INHIBITORS

(51) International classification :C07D471/04,487/04,A61K31/519
(31) Priority Document No :60/544,944
(32) Priority Date :14/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004630
Filing Date :14/02/2005
(87) International Publication No :WO/2005/080393
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)IRM LLC

Address of Applicant : Hurst Holme, 12 Trott Road, Hamilton HM 11, Bermuda

(72)Name of Inventor :

1)CHOI, Ha-Soon

2)WANG, Zhicheng

3)GRAY, Nathanael Schiander

4)GU, Xiang-ju

5)HE, Xiaohui

6)HE, Yun

7)JIANG, Tao

8)LIU, YI

9)RICHMOND, Wendy

10)SIM, Taebo

11)YANG, Kunyong

(57) Abstract :

The invention provides a novel class of compounds, pharmaceutical compositions comprising such compounds and methods of using such compounds to treat or prevent diseases or disorders associated with abnormal or deregulated kinase activity, particularly diseases or disorders that involve abnormal activation of the FAK, Abl, BCR-Abl, PDGF-R, c-Kit, NPM-ALK, Flt-3, JAK2 and c-Met kinases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2988/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR THE PRODUCTION OF LIQUID NITRATE ESTERS

(51) International classification :C07C201/02,203/06
(31) Priority Document No :10 2004 007 706.1
(32) Priority Date :16/02/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/001505
Filing Date :15/02/2005
(87) International Publication No :WO/2005/077883
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
**1)DYNAMIT NOBEL GMBH EXPLOSIVSTOFF- UND
SYSTEMTECHNIK**
Address of Applicant : Kalkstrasse 218, 51377 Leverkusen Germany
(72)**Name of Inventor :**
1)ANTES, Jurgen
2)BOSKOVIC, Dusan
3)HAASE, Jurgen
4)LOBBECKE, Stefan
5)RULOFF, Cornelius
6)TURCKE, Tobias

(57) Abstract :

The invention relates to a method for the production of liquid nitrate esters, e.g. nitro-glycerine, wherein an alcohol is esterified by means of nitrating acid and the reaction takes place in one or several microreactors.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2989/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :14/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : UNIVERSAL JOINT WASHER BAFFLE

(51) International classification

:F16D3/40

(31) Priority Document No

:10/760,053

(32) Priority Date

:16/01/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/001042

Filing Date

:11/01/2005

(87) International Publication No

:WO/2005/073581

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)FEDERAL-MOGUL CORPORATION

Address of Applicant : 26555 Northwestern Highway, Southfield, MI

48034 U.S.A.

(72)Name of Inventor :

1)NELSON, David

2)STERN, William

(57) Abstract :

A combination of a thrust washer and lubrication baffle adapted for a press fitting installation into lubrication chamber of a universal joint cross-member journal. The thrust washer and lubrication baffle incorporate one or more lubrication grooves, facilitating the flow of lubricant between the surfaces of the cross-member and bearing cap. Elastomeric properties of the thrust washer eliminate the need for grinding of the journal surfaces to desired tolerances, while incorporation of lubrication grooves into the thrust washer surface eliminates the need for pressing of lubrication grooves directly into the journal ends prior to hardening or heat treating.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2990/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR RESTRAINED BUDGET USE WITH CONTROLLED BUDGET TRANSFER

(51) International classification	:G06F9/46
(31) Priority Document No	:60/545,439
(32) Priority Date	:18/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/050585
Filing Date	:16/02/2005
(87) International Publication No	:WO/2005/083566
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)BRIL, Reinder Jaap

(57) Abstract :

A method (10, 30) for controlling multiple tasks in a real-time operating system (20) assigns priorities to two or more tasks (24, 25). A first task (24) is assigned to be a More Important Task. A second task (25) is assigned to be a Less Important Task. A Guaranteed Budget Margin is then allocated to the More Important Task along with a More Important Guaranteed Budget. A Less Important Guaranteed Budget is also allocated to the Less Important Task. At some point during execution, the higher priority or More Important Task (24) may then determine that the More Important Task no longer requires the Guaranteed Budget Margin, in which case, a Conditionally Guaranteed Budget Margin is then allocated to the Less Important Task (24). Upon reclaiming of the Guaranteed Budget Margin from the LIT, the MIT waits either a predetermined static time period or a dynamic time period determined upon release or reclaiming of the GBM, whichever is longer, before receiving the GBM or before the CGBM is removed from the LIT.

(54) Title of the invention : CATHETER SYSTEM AND METHOD FOR FINE NAVIGATION IN A VASCULAR SYSTEM

(51) International classification	:A61M25/00,25/01	(71)Name of Applicant :
(31) Priority Document No	:04100643.8	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:18/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050523	(72)Name of Inventor :
Filing Date	:10/02/2005	1)BORGERT, Jorn
(87) International Publication No	:WO/2005/082441	2)KRUGER, Sascha
(61) Patent of Addition to Application Number	:NA	3)TIMINGER, Holger
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a catheter system comprising a first, outer catheter (1) and a second catheter element contained in it, which can particularly be a guide wire (2). A respective active localizer (4, 5) is placed on the first and on the second catheter element (1, 2), for example sensors of a magnetic tracking system. The first catheter element (1) preferably has a fixing device (3), by means of which it can be fixed relative to the vascular system (7). If the guide wire (2) is, for example, to be navigated through a stenosis (6), the position of its localizer (5) relative to the localizer (4) is measured on the catheter element at rest (1), so that its position relative to the vessel (7) is known. Since interference factors such as organ movement balance each other during the measurement of the relative position of the localizers (4, 5), the navigation can be carried out with very high accuracy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2992/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF VISUALIZING A LARGE STILL PICTURE ON A SMALL-SIZE DISPLAY.

(51) International classification	:H04N1/00	(71)Name of Applicant :
(31) Priority Document No	:04300084.3	1)KONINKLIJKE PHILIPS ELECTRONIQUE N.V.
(32) Priority Date	:17/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/000337	(72)Name of Inventor :
Filing Date	:09/02/2005	1)GENTRIC, Philippe
(87) International Publication No	:WO/2005/084005	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of visualizing a large still picture on a display having a size smaller than the large still picture, said method comprising the steps of dividing the large still picture into a set of pieces, said pieces having a size substantially equal to the display size; ranking the pieces of the large still picture according to a predetermined scanning order; and encoding the set of pieces using a predictive block-based compression technique according to said predetermined scanning order so as to obtain a video sequence.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2993/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CORRECTION OF MEASURED VALUES FOR A MAGNETIC LOCALIZATION DEVICE

(51) International classification	:A61B5/06	(71)Name of Applicant :
(31) Priority Document No	:04100639.6	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:18/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050530	(72)Name of Inventor :
Filing Date	:11/02/2005	1)KRUGER, Sascha
(87) International Publication No	:WO/2005/082247	2)WISCHMANN, Hans-Aloys
(61) Patent of Addition to Application Number	:NA	3)TIMINGER, Holger
Filing Date	:NA	4)SABCZYNSKI, Jorg
(62) Divisional to Application Number	:NA	5)BORGERT, Jorn
Filing Date	:NA	

(57) Abstract :

The invention relates to a device and a method for correction of the position (x) of a field sensor (4) measured by means of a magnetic localization device. External field distortions, such as caused for example by the rotating components (1 a, 1b) of a computer tomograph (1), are then determined with the help of reference sensor (3) placed at a known position. It is possible to deduce, for example, the current angle of rotation (F) of the computer tomograph (1) from the measurement signals of the reference sensor (3). Based on an empirically determined correction ($\Delta(x, F)$), the uncorrected determined positions (x) of the field sensor (4) can then be converted to corrected positions (x") in relation to the field distortions. The field generator (2) and the reference sensor (3) are preferably fastened to the gantry in order to eliminate the dependency of the field distortions on an inclination of the gantry.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2994/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUDIO PACING DEVICE

(51) International classification :A63B69/00

(31) Priority Document No :60/546,077

(32) Priority Date :19/02/2004

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

(86) International Application No :PCT/IB2005/050587

Filing Date :16/02/2005

(87) International Publication No :WO/2005/082472

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)OGG, Felix Henric Govert

2)SIMONS, David Peter Louis

(57) Abstract :

This invention relates to a projection system (300) and a liquid crystal display comprising a reflection device (100, 200, 308) adapted to received incoming light (102, 210, 304), to decompose the incoming light (102, 210, 304) into three primary light colours, and to individually reflect and modulate each of the primary light colours. The reflection device (100, 200, 308) comprises a stack of layers in co-planar relationship and defining a longitudinal axis normal to the incoming light (102, 210, 304). The stack of layers receives the incoming light (102,210,304) and comprises for each of the primary light colours a transmissive modulating layer (108, 116, 124, 202, 204, 206, 314, 320, 326) and a colour sensitive reflective layer (110,118,126,214,222,230,310,316,322).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2995/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MOBILE RENDERING DEVICE AND METHOD PROVIDING CONTEXT AWARE POWER SAVING

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:G06F3/147,H04L12/28,G06F1/32 :04100618.0 :17/02/2004 :EUROPEAN UNION :PCT/IB2005/050445 :03/02/2005 :WO/2005/083559 :NA :NA :NA :NA	(71) Name of Applicant : 1)KONINKLIJKE PHILIPS ELECTRONICS N.V. Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven Netherlands (72) Name of Inventor : 1)VAN GASSEL, Jozef, P. 2)VAN DEN BRINK, Hendrikus, B.

(57) Abstract :

ABSTRACT A wireless detachable rendering device (1) having a display (10) and a wired network connection (14) to a data server (11) such as a HDD. When device (1) is docked in a stand, data to be rendered on display is in a best-effort like fashion loaded via the wired connection into the storage means (11). Thus data is available for undocked use of device (1). Power Consumption is reduced as use of the wireless connection is avoided.

(54) Title of the invention : METHOD OF MEASUREMENT OF SPECTROSCOPIC PROPERTIES OF LOOSE PRODUCTS AND A DEVICE FOR ITS IMPLEMENTATION.

(51) International classification	:G01N21/85,G01F11/00	(71)Name of Applicant :
(31) Priority Document No	:2004102057	1)ZUBKOV, Vladimir Aleksandrovich
(32) Priority Date	:16/01/2004	Address of Applicant : ul. Kavalergardskaya, 30-14, St.Petersburg, 193124
(33) Name of priority country	:Russia	Russia
(86) International Application No	:PCT/RU2004/000474	2)TIMOFEEV, Vladimir Andreevich
Filing Date	:18/11/2004	3)SHAMRAI, Aleksandr Valeryevich
(87) International Publication No	:WO/2005/068984	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ZUBKOV, Vladimir Aleksandrovich
Filing Date	:NA	2)TIMOFEEV, Vladimir Andreevich
(62) Divisional to Application Number	:NA	3)SHAMRAI, Aleksandr Valeryevich
Filing Date	:NA	

(57) Abstract :

The invention relates to analytical instrument engineering, in particular to spectroscopy. The inventive method for measuring spectroscopic properties of bulk products consists in portionwisely supplying a sample in a measurement area. In order to fully fill said measurement area, several portions (at least two) are loaded and alternately placed substantially in different fields of the horizontal section of the measurement area in such a way that the uniformed distribution and the permanent density of the product in the area of measurement are provided. Afterwards, the spectroscopic properties of the sample are recorded in a standstill and the sample is removed from the area of measurement. The inventive device for measuring spectroscopic properties of bulk products comprises a feeding hopper, an input (receiving) opening, a batch loading unit which is provided with means for successively and uniformly distributing the product alternately in the different fields of the horizontal section of the area of measurement, a measuring unit, a unit for closing the area of measurement, an output (unloading) opening and a discharge hopper. Said invention makes it possible to ensure the high uniformity and permanent density of the product in the area of measurement during the measurement of the spectroscopic characteristics of the bulk products.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2997/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITE OPHTHALMIC MICROCANNULA

(51) International classification	:A61F9/007
(31) Priority Document No	:60/538,625
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002603
Filing Date	:24/01/2005
(87) International Publication No	:WO/2005/070490
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ISCIENCE SURGICAL CORPORATION
Address of Applicant : 3696 Haven Ave., Suite A, Redwood City, CA
94063 U.S.A.
(72)**Name of Inventor :**
1)CHRISTIAN, Jeffrey
2)CONSTON, Stanley R.
3)KUPIECKI, David J.
4)MCKENZIE, John

(57) Abstract :

Microcannulae are constructed with multiple components in a composite design, allowing the microcannulae to have varying mechanical and delivery properties that will enable ophthalmic treatments by minimally invasive means. The microcannula includes at least one flexible, tubular communicating element (9) with an outer diameter of 350 microns or less, a proximal connector for introduction of materials, energy or tools. It may also include a reinforcing member attached to the communicating element, which may be designed to create variable stiffness along the length of the microcannula. The microcannula may also include other features such as a signal beacon near the distal tip.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2998/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HOOK FIBER

(51) International classification	:A44B18/00
(31) Priority Document No	:10/780,396
(32) Priority Date	:17/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002297
Filing Date	:24/01/2005
(87) International Publication No	:WO/2005/082196
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, MN
55133-3427 U.S.A.
(72)**Name of Inventor :**
1)AUSEN, Ronald W.,;
2)SETH, Jayshree;

(57) Abstract :

The present invention is directed at a hook strand. These hook strands have a base layer with first top face and a second bottom face and two side faces. Hook elements on the strand extend from at least one face and the hook elements have engaging arms that extend at an angle of from 1 to 90 degrees relative to the longitudinal extent of the strands.

(54) Title of the invention : DISTANCE MEASURING DEVICE

(51) International classification	:G01B7/14,G01D5/20	(71)Name of Applicant :
(31) Priority Document No	:04075045.7	1)NOMICS (SOCIETE ANONYME)
(32) Priority Date	:16/01/2004	Address of Applicant : Parc Scientifique du Sart-Tilman, 4, rue des
(33) Name of priority country	:EUROPEAN UNION	Chasseurs Ardennais, B-4031 Liege (Angleur), Belgium
(86) International Application No	:PCT/EP2005/050178	2)LOGISTIQUE SPATIALE WALLONIA SPACE LOGISTICS -
Filing Date	:17/01/2005	'W.S.L.' (SOCIETE ANONYME)
(87) International Publication No	:WO/2005/071353	(72)Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)ANSAY, PIERRE
Filing Date	:NA	2)POIRRIER, ROBERT
(62) Divisional to Application Number	:NA	3)BECKERS, BERNARD
Filing Date	:NA	

(57) Abstract :

Distance measuring device comprising an emitter and a receiver, said emitter being arranged to produce a magnetic field by means of a resonant circuit having a resonant frequency, said receiver being arranged to pick up at said resonant frequency the magnetic field emitted by the emitter and convert the strength of the magnetic field picked up into a first signal having an energy value, said emitter being arranged to produce said magnetic field intermittently, each emission having a predetermined energy, said receiver being connected to a detector arranged to determine, by correlation of said first signal with a second predetermined signal having a waveform representative of a signal to be " picked up by the receiver, a distance measurement signal representing the distance between the emitter and the receiver. The device finds .its application in detectors for sleep disorders or other forms of illness.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3000/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ENHANCED EFFICACY ALUMINUM-ZIRCONIUM ANTIPERSPIRANTS

(51) International classification	: A61K 8/00
(31) Priority Document No	:10/756,620
(32) Priority Date	:17/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/001711
Filing Date	:19/01/2005
(87) International Publication No	:WO/2005/081751
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)REHEIS, INC.
Address of Applicant : 235 Snyder Avenue, Berkeley Heights, NJ 07922
U.S.A.
(72)**Name of Inventor :**
1)LI, Zijun;

(57) Abstract :

A novel efficacious and less irritant aluminum-zirconium antiperspirant composition is provided by the addition of a small amount of AlCl₃ and/or HCl to the activated aluminum component. After the heating of diluted basic aluminum chlorohydrate solution, cooling to room temperature, mixing with small amount of AlCl₃ or HCl and then reacting with zirconium glycine complex, an aluminum-zirconium salt is produced with a maximum amount of depolymerization aluminum and zirconium species. The addition of a small amount of AlCl₃ or HCl to the diluted and activated aluminum chlorohydrate solution accelerates the depolymerization of the activated ACH solution, and upon the addition of zirconium glycinate the solution is further depolymerized and results in the formation of less polymerized zirconium species.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3001/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TRANSMISSION PROPULSION UNIT

(51) International classification

:H02K7/08

(31) Priority Document No

:102004007873.4

(32) Priority Date

:17/02/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/050233

Filing Date

:20/01/2005

(87) International Publication No

:WO/2005/081382

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)ROBERT BOSCH GMBH

Address of Applicant : Postfach 30 02 20, D-70442 Stuttgart Germany

(72)Name of Inventor :

1)SCHWENDEMANN, Franz

(57) Abstract :

Abstract Transmission propulsion unit (10), particularly to adjust movable parts in a motor vehicle, with a rotor shaft (18) that is borne in a casing (16) and that is supported by at least one front side (50) axially at casing (16) and a separate gear-tooth element (32) is affixed on the rotor shaft (18) for transmission of a torsional moment to a transmission component (38, 40), whereby the gear-tooth element (32) exhibits an axial contact surface (48) that abuts one of the front sides (50) of the rotor shaft (18). (Figure 1)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3002/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONTAINER HAVING A FOAMED WALL

(51) International classification : B29C 45/00

(31) Priority Document No :60/545,049

(32) Priority Date :17/02/2004

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

(86) International Application No :PCT/US2005/001774

Filing Date :21/01/2005

(87) International Publication No :WO/2005/081756

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PLASTIC TECHNOLOGIES, INC.

Address of Applicant : 1440 Timberwolf Drive, Holland, OH 43528-0964

U.S.A.

(72)Name of Inventor :

1)SEMERSKY, Frank, E.

2)VOYLES, William, D.

3)SADZEWICZ, Eugene, M.

(57) Abstract :

A process for making a container comprises injection molding a polymer preform having a non-reactive gas entrapped within the walls thereof, cooling the preform to a temperature below the polymer softening temperature, reheating the preform to a temperature above the polymer softening temperature, and blow molding the preform, to prepare a container consisting essentially of a microcellular foamed polymer having a non-reactive gas contained within the microcellular foam cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3003/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR HIGHSPEED WIDE VOLTAGE RANGE SOURCING OUTPUT

(51) International classification :G05B19/05

(31) Priority Document No :60/545,034

(32) Priority Date :17/02/2004

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

(86) International Application No :PCT/US2005/005108

Filing Date :17/02/2005

(87) International Publication No :WO/2005/081080

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SIEMENS ENERGY & AUTOMATION, INC.

Address of Applicant : 3333 Old Milton Parkway, Alpharetta, GA 30005-4437 U.S.A.

(72)Name of Inventor :

1)KNOOP, James, Allen

2)MCNUTT, Alan, D.

(57) Abstract :

Certain exemplary embodiments comprise a system, comprising: an electrical isolator adapted to couple a processor of a programmable logic controller to a user load; a transistor adapted to provide switching of a control signal provided by the processor for the user load; a totem pole output coupling the electrical isolator and the transistor and adapted to switch a gate of the transistor; and a power supply adapted to provide a floating regulated DC voltage to the gate of the transistor.

(54) Title of the invention : SPRAY-DRIED STARCH HYDROLYSATE AGGLOMERATE PRODUCT AND METHOD FOR PREPARING A SPRAY-DRIED STARCH HYDROLYSATE AGGLOMERATE PRODUCT AND METHOD FOR PREPARING A SPRAY-DRIED HYDROLYSATE AGGLOMERATE PRODUCT

(51) International classification	:A23L1/0522,1/09,A23P1/02,C08B30/00	(71)Name of Applicant :
(31) Priority Document No	:NA	1)TATE & LYLE EUROPE NV
(32) Priority Date	:NA	Address of Applicant : Burchtstraat 10, B-9300 Aalst Belgium
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/001744	1)VANHOUTTE, Helena
Filing Date	:19/02/2004	2)NEZZAL, Amale
(87) International Publication No	:WO/2005/079595	3)MOYSON, Bart
(61) Patent of Addition to	:NA	
Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates on the one hand to a spray-dried starch hydrolysate agglomerate product having the following properties: a dextrose equivalent (DE) between 5 and 35, a moisture content of < 6% by weight, an unpacked bulk density between 0,4 and 0,6 g/cm³, a compressibility of less than 10%, a particle size distribution whereby less than 5% by weight is bigger than 500 micron and less than 5% by weight is smaller than 53 micron, an average particle size of between 150 - 250 micron, a mechanical stability of > 95%, a static angle of repose (SAOR) of less than 45°, as a measure for flowability; and a dissolution speed of < 180 seconds. On the other hand, the invention relates to a method for preparing a spray-dried starch hydrolysate agglomerate product in a spray-drying tower, comprising spraying a liquid material onto a solid powder material, whereby the liquid material is atomised by means of one or more two-fluid nozzles using a fluid for heating and conveying this material, and whereby the agglomerated spray-dried starch hydrolysate is produced by injecting the solid powder material in the top of the drying tower in such a way that the trajectory of the powder crosses the spray pattern of the atomised liquid material, and wherein the liquid material which is atomised by one or more two-fluid nozzles is a starch hydrolysate solution, whereby this starch hydrolysate solution is atomised using steam as said fluid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3005/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HETEROCYCLIC GABA-A SUBTYPE SELECTIVE RECEPTOR MODULATORS

(51) International classification :A61K31/437,31/5383,C07D471/04,498/04
(31) Priority Document No :60/545,524
(32) Priority Date :18/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/001406
Filing Date :11/02/2005
(87) International Publication No :WO/2005/077363
(61) 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
Address of Applicant : Grenzacherstrasse 124, CH-4070 Basel
Switzerland
(72)Name of Inventor :
1)LOUGHHEAD, David, Garrett
2)NOVAKOVIC, Sanja
3)O'YANG, Counde
4)PUTMAN, David, George
5)SOTH, Michael

(57) Abstract :

This invention relates to the use of compounds of formula (I) for the manufacture of a medicament useful for modulating α_2 subtype GABAA receptors. The invention further relates to novel heterocyclic compounds and pharmaceutical compositions containing said compounds. In addition the invention relates to the treatment of depression, an anxiety disorder, a psychiatric disorder, a learning or cognitive disorder, a sleep disorder, a convulsive or seizure disorder or pain.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3006/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CUTTING PLATE, PARTICULARLY FOR A BORING TOOL

(51) International classification :B23B27/14,29/034

(31) Priority Document No :20 2004 002 491.8

(32) Priority Date :17/02/2004

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2005/001386

Filing Date :11/02/2005

(87) International Publication No :WO/2005/080034

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)KENNAMETAL INC.

Address of Applicant : 1600 Technology Way, Latrobe, PA 15650-0231

U.S.A.

(72)Name of Inventor :

1)KRENZER, Ulrich

2)JUST, Werner

(57) Abstract :

The invention relates to a cutting plate (1) comprising a plate surface (2), lateral plate faces (5), a main cutting edge (9) that borders a secondary cutting edge (8) via a corner cutting edge (10), and a chip-forming stage (6) that is located in the zone near the corner and is provided with a stage base (7) which extends from the secondary cutting edge (8) to the main cutting edge

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3007/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NUCLEOSIDE PHOSPHONATE DERIVATIVES USEFUL IN THE TREATMENT OF HIV INFECTIONS

(51) International classification	:A61K31/675,A61P31/18	(71) Name of Applicant :
(31) Priority Document No	:60/544,349	1)LG LIFE SCIENCES LTD.
(32) Priority Date	:17/02/2004	Address of Applicant : LG Twin Tower, East Tower, 20, Yoido-dong,
(33) Name of priority country	:U.S.A.	Yongdeungpo-gu, 150-101 Seoul Democratic People's Repulic
(86) International Application No	:PCT/US2005/005209	(72) Name of Inventor :
Filing Date	:17/02/2005	1)AVERETT, Devron, R.
(87) International Publication No	:WO/2005/079812	2)CHOI, Jong-Ryoo,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of treating HIV infections by administering a nucleoside phosphonate derivative represented by formula (I).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3008/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : REMOVABLE ATTACHMENT FOR A ROCK BREAKER

(51) International classification	:E02F3/96
(31) Priority Document No	:0401622
(32) Priority Date	:18/02/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/000307
Filing Date	:10/02/2005
(87) International Publication No	:WO/2005/090693
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)MONTABERT

Address of Applicant : 203, route de Grenoble, F-69800 Saint Priest
France

(72)**Name of Inventor :**

1)JALABERT, Gilles

2)VALVERDE, Paul

(57) Abstract :

The invention relates to a bucket-, claw-, scraper-blade- or compacting-type attachment (1) which is intended to be fitted at one end (18) of a rock breaker (15) comprising a tool (17). The inventive attachment comprises: (i) means (7, 8, 9, 12) enabling the correct positioning thereof in relation to the rock breaker and the tool; and (ii) means (13, 14, 20) for fixing same temporarily and removably to the end of the rock breaker, without dismantling the tool.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3009/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NETWORK AND METHODS FOR INTEGRATING INDIVIDUALIZED CLINICAL TEST RESULTS AND NUTRITIONAL TREATMENT

(51) International classification	:G06Q10/00
(31) Priority Document No	:60/545,677
(32) Priority Date	:17/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/004888
Filing Date	:16/02/2005
(87) International Publication No	:WO/2005/079417
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)BODYBIO CORPORATION
Address of Applicant : 45 Reese Road, PO Box 809, Millville, NJ 08332
U.S.A.
(72)**Name of Inventor :**
1)KANE, Edward

(57) Abstract :

The present invention provides networks and method for linking consumers and nutritional pharmacologists offering personalized nutritional information through a central network site. The network includes a central integration site through which network members communicate with each other. The central integration site stores two or more databases in the storage medium. The databases store biochemical marker data information, nutritional and/or drug data information including a record for association and effect of nutrients with a particular biochemical marker, and/or drug. The network of the invention provides individualized nutritional diagnostic and treatment to consumers on the basis of their clinical test results.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3010/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :17/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 7H-PYRROLOPYRIMIDINE DERIVATIVES

(51) International classification :C07D487/00

(31) Priority Document No :0403606.7

(32) Priority Date :18/02/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/EP2005/001635

Filing Date :17/02/2005

(87) International Publication No :WO/2005/077951

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)CARAVATTI, Giorgio

2)VAUPEL, Andrea

(57) Abstract :

The invention relates to 7H-pyrrolo[2,3-d]pyrimidine derivatives of formula (I), wherein the symbols and substituents are as defined in the description, to processes for the preparation thereof, to pharmaceutical compositions comprising such derivatives and to the use of such derivatives - alone or in combination with one or more other pharmaceutically active compounds - for the preparation of pharmaceutical compositions for the treatment especially of a proliferative disease, such as a tumour.

(54) Title of the invention : CONNECTED COMMUNICATION TERMINAL, CONNECTING COMMUNICATION TERMINAL, SESSION MANAGEMENT SERVER AND TRIGGER SERVER

(51) International classification	:H04L29/06,29/12,H04M7/00	(71)Name of Applicant :	
(31) Priority Document No	:2004-042416	1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	
(32) Priority Date	:19/02/2004	Address of Applicant : 1006, Oaza Kadoma, Kadoma-shi, Osaka 5718501	
(33) Name of priority country	:Japan	Japan	
(86) International Application No	:PCT/JP2005/003072	(72)Name of Inventor :	
Filing Date	:18/02/2005	1)AIZU, Kazuhiro	
(87) International Publication No	:WO/2005/081493	2)TSUJIMOTO, Takahiro	
(61) Patent of Addition to Application Number	:NA	3)SHINTANI, Yasuyuki	
Filing Date	:NA	4)TSUCHIDA, Shinichi	
(62) Divisional to Application Number	:NA	5)TSUJIMOTO, Takahiro	
Filing Date	:NA		

(57) Abstract :

The communication system according to the present invention is made up of: a connected communication terminal (1) to which communication is requested; a connecting communication terminal (3) that requests a communication with the connected communication terminal (1); a session management server (4) that manages sessions between the communication terminals; a trigger server (5) that transmits, to the connected communication server (1), the request made by the session management server (4); and routers (6 and 7) that relay between the connecting communication terminal (3) and the connected communication terminal (1), and a network (2). In the system, the connected communication terminal (1) holds a permission list (L) that is a list of communication terminals to which connection is permitted, and the session management server (4) judges, with reference to the permission list (L), whether or not the communication between the connected communication terminal (1) and the connecting communication terminal (3) is permitted.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3012/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INTEGRATED DESTINATION SALES SYSTEM WITH ASP-HOSTED MEMBER INTERFACE

(51) International classification	:G06F
(31) Priority Document No	:10/784,008
(32) Priority Date	:19/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/004899
Filing Date	:14/02/2005
(87) International Publication No	:WO/2005/079422
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)IDSS (INTERNET DESTINATION SALES SYSTEM)
Address of Applicant : 250 Marquette Avenue South, Suite 1330,
Minneapolis, MN 55401 U.S.A.
(72)**Name of Inventor :**
1)ADAMSON, James, L.
2)HEDLUND, Peter, A.
3)GUNARATNE, Ajith, H., R., P., U., K.

(57) Abstract :

An integrated computerized sales system for destination events includes a member user interface (MUI) hosted by an application service provider (ASP) and accessible to a plurality of independent service providers that are members of a convention visitor bureau (CVB) organization. Members periodically log into the MUI to review information on a request for proposal (RFP) from a potential destination event organizer. The MUI includes a tentative response booking agreement (TRBA) electronic form to be completed by a member for any services responsive to the RFP that the member is willing to make available. A projected service availability database automatically incorporates information from the TRBA and is accessible only by the CVB. The projected service availability database is reviewed by the CVB in order to prepare a response to the RFP that includes information about services from members of the CVB that is then communicated to the potential destination event organizer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3013/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FIELD-SHAPING SHIELDING FOR RADIO FREQUENCY IDENTIFICATION (RFID) SYSTEM

(51) International classification	:H01Q7/00,G08B13/14,H01Q19/02	(71)Name of Applicant :
(31) Priority Document No	:10/784,109	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:20/02/2004	Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, MI
(33) Name of priority country	:U.S.A.	55133-3427 U.S.A.
(86) International Application No	:PCT/US2005/000439	(72)Name of Inventor :
Filing Date	:07/01/2005	1)LIEFFORT, Seth, A.;
(87) International Publication No	:WO/2005/083836	2)GOFF, Edward, D.;
(61) Patent of Addition to Application		
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A radio frequency identification (RFID) system is described that utilizes a substantially-contiguous conductive shield to shape an electromagnetic field formed by an antenna for communication with RFID tags. The antenna and the conductive shield have substantially planar forms, and may be mounted to a surface of a check-in / check-out area. The conductive shield is positioned around the antenna and within a plane parallel to the antenna, e.g., within the same plane. The conductive shield shapes the electromagnetic field to extend substantially in a direction perpendicular to the antenna, and prevents the electromagnetic field from forming substantially over the conductive shield.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3014/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARTUS PROVIDED WITH HEAT-EXCHANGING MEANS

(51) International classification	:F28D7/00
(31) Priority Document No	:1025538
(32) Priority Date	:20/02/2004
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/NL2005/000065
Filing Date	:28/01/2005
(87) International Publication No	:WO/2005/080899
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CONTINENTAL HOLDING B.V.
Address of Applicant : Rustenburg 114, NL-1506 AZ Zaandam
Netherlands
(72)**Name of Inventor :**
1)DEKKER, Cornelis, Jan

(57) Abstract :

The invention relates to an apparatus (1) provided with heat-exchanging means comprising a housing (2), in which housing (2) a tube bank (3) is accommodated, having at both sides connecting means (4, 5) for the inlet and outlet of a primary medium stream (6) and a secondary medium stream (7), wherein the housing (2) comprises a wall (8) that extends in the longitudinal direction of the tube bank (3) wherein the wall (8) is embodied with tubes (9) incorporated therein or mounted thereon, through which a portion of the medium supplied to the tube bank flows (3).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3015/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTI-LOOP ANTENNA FOR RADIO FREQUENCY IDENTIFICATION (RFID) COMMUNICATION

(51) International classification : G06K 7/08

(31) Priority Document No :10/784,124

(32) Priority Date :20/02/2004

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

(86) International Application No :PCT/US2005/000435

Filing Date :07/01/2005

(87) International Publication No :WO/2005/081808

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)3M INNOVATIVE PROPERTIES COMPANY

Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 U.S.A.

(72)Name of Inventor :

1)GOFF, Edward, D.;

2)LIEFFORT, Seth,A.;

3)STOLBERG, Leroy;

(57) Abstract :

A multi-loop antenna is described having a plurality of conductive loops to produce an electromagnetic field for radio frequency identification (RFID) communication with RFID tags. The conductive loops are spaced apart at least a distance that is selected based on a dimension of the RFID tags with which the antenna communicates. In this manner, the loops are positioned and spaced in a manner that reduces the size of the holes within the resulting magnetic field. In addition, the configuration of the described dual-loop antenna increases the coverage of the antenna, and decreases inter-winding capacitance, thereby increasing overall read range achieved by the antenna.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3016/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ALKOXYPHENYLCARBOXYLIC ACID DERIVATIVES

(51) International classification	:A61K7/48	(71)Name of Applicant :
(31) Priority Document No	:04100674.3	1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(32) Priority Date	:20/02/2004	Address of Applicant : Klybeckstrasse 141, CH-4057 Basel Switzerland
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/050605	1)HOLZL, Werner
Filing Date	:11/02/2005	2)PREUSS, Andrea
(87) International Publication No	:WO/2005/079744	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Use of compounds of formula (I) wherein R1 is substituted or unsubstituted C8-C30alkyl or substituted or unsubstituted C3-C7cyclo- alkyl, and R2 is H, COOH or substituted or unsubstituted O-C1-C30alkyl, in the antimicrobial treatment of surfaces, in the preservation of cosmetics, household products, textiles and plastics, and for use in disinfectants.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3017/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USE OF CHOLINESTERASE INHIBITORS FOR TREATING VASCULAR DEPRESSION

(51) International classification :A61K31/27,31/4453,31/55,45/06,A61P25/24

(31) Priority Document No :60/545,871

(32) Priority Date :19/02/2004

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

(86) International Application
No :PCT/EP2005/001715
Filing Date :18/02/2005

(87) International Publication No:WO/2005/079784

(61) Patent of Addition to :NA

Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

(72)Name of Inventor :

1)LANE, Roger, Michael

(57) Abstract :

The invention discloses the use of cholinesterase inhibitors in treating vascular depression.

(54) Title of the invention : MODAFINIL SYNTHESIS PROCESS

(51) International classification	:C07C 315/00
(31) Priority Document No	:03291152.1
(32) Priority Date	:16/05/2003
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB04/01409
Filing Date	:05/05/2004
(87) International Publication No	:WO/2004/101503
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ORGANISATION DE SYNTHESE MONDIALE ORSYMONDE
Address of Applicant :5, rue Charles Martigny, F-94700 MAISONS
ALFORT France
(72)**Name of Inventor :**
1)ROSE, Sébastien

(57) Abstract :

The invention relates to a process for preparing modafinil having a defined granulometry which comprises the steps of: a) preparing a solution of DMSAM ;
b) contacting the solution obtained with NH₃ at a predetermined temperature and a predetermined stirring; and c) isolating the modafinil formed, wherein said temperature and said stirring are predetermined in order to obtain said defined granulometry.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3018/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUROSEMIDE DERIVATIVES AS MODULATORS OF HM74 AND THEIR USE FOR THE TREATMENT OF INFLAMMATION

(51) International classification :A61K31/341,31/40,31/38,A61P29/00,11/06
(31) Priority Document No :60/546,011
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004108
Filing Date :10/02/2005
(87) International Publication No :WO/2005/082350
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to Application :NA
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AVENTIS PHARMACEUTICALS INC.
Address of Applicant : 300 Somerset Corporate Boulevard, Bridgewater,
NJ 08807-2854 U.S.A.
2)SANOFI-AVENTIS DEUTSCHLAND GMBH
(72)**Name of Inventor :**
1)MINNICH, Anne
2)KUNTZWEILER, Theresa
3)EISHINGDRELO, Haifeng
4)ANGELASTRO, Michael
5)LANG, Han-Jochen

(57) Abstract :

Furosemide-like molecules with agonist activity on the HM74 receptor having the following structure formula (I); and their use to treat inflammatory disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3019/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF INCREASING DEPTH OF SHADE

(51) International classification	:D06P3/24,3/14,1/607,1/642,1/62,5/06	(71) Name of Applicant :
(31) Priority Document No	:04100655.2	1)CIBA SPECIALTY CHEMICALS HOLDING INC.
(32) Priority Date	:19/02/2004	Address of Applicant : Klybeckstrasse 141, CH-4057 Basel Switzerland
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/050552	1)OUZIEL, Philippe
Filing Date	:09/02/2005	2)STRAHM, Ulrich
(87) International Publication No	:WO/2005/080669	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method of increasing the depth of shade of dyed natural or synthetic polyamide fibre materials, which comprises treating the fibre material - before, during or after dyeing - with an aqueous liquor comprising a polyamine, the polyamine being the product of reaction of a compound containing at least two primary amino groups with ethylene oxide, propylene oxide, 1,2-epoxybutane, a chloroalkylamine or an aromatic compound having at least one -COCl, -SO₃Cl or -SO₂-Z substituent wherein Z is vinyl, 2-chloroethyl or 2-sulfatoethyl, or the product of reaction of a compound containing at least two primary amino groups with an unsaturated aliphatic cyano compound and subsequent hydrogenation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3020/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OXYDECAHYDRONAPHTHALENE MODULATORS OF HM74

(51) International classification :A61K31/325,A61P11/06,11/00,19/02
(31) Priority Document No :60/546,012
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/004095
Filing Date :10/02/2005
(87) International Publication No :WO/2005/082352
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AVENTIS PHARMACEUTICALS INC.
Address of Applicant : 300 Somerset Corporate Boulevard, Bridgewater,
NJ 08807-2854 U.S.A.
(72)**Name of Inventor :**
1)MINNICH, Anne
2)KUNTZWEILER, Theresa
3)EISHINGDRELO, Haifeng
4)ANGELASTRO, Michael
5)HENKE, Stephan

(57) Abstract :

ABSTRACT Hosts cells expressing HM74 were used to obtain oxydecalinlike molecules with agonist activity having the following structure (formula I).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3021/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : POLYMORPHIC FORMS OF 6-11 BICYCLIC KETOLIDE DERIVATIVES

(51) International classification : A61K 31/40

(31) Priority Document No :60/546,433

(32) Priority Date :20/02/2004

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

(86) International Application No :PCT/US2005/004718

Filing Date :15/02/2005

(87) International Publication No :WO/2005/081821

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ENANTA PHARMACEUTICALS, INC.

Address of Applicant : 500 Arsenal Street, Watertown, MA 02472 U.S.A.

(72)Name of Inventor :

1)TANG, Datong

2) GAI, Yonghua

3)WANG, Zhe

4)OR, Yat Sun

5)LI, Hiu-Lin

6)XU, Guoyou

(57) Abstract :

The present invention includes EP-13420 polymorphic crystalline forms: Form I, Form II, Form Ia, and monohydrate and amorphous EP-13420 which possess distinct physical properties. In another embodiment of the present invention, there are provided methods of producing the various polymorphic forms in pure form or in combination with one another. The present invention also provides pharmaceutical compositions and formulations comprising the polymorphic and amorphous forms and methods of treating bacterial infections by administering the pharmaceutical compositions to a subject in need of such treatment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3022/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS AND STRUCTURES FOR UTILIZING A MEMORY DEVICE FOR A PLC

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:G05B19/05,G06F11/00,12/00 :60/546,153 :20/02/2004 :U.S.A. :PCT/US2005/005227 :18/02/2005 :WO/2005/083534 :NA :NA :NA :NA	(71) Name of Applicant : 1)SIEMENS ENERGY & AUTOMATION, INC. Address of Applicant : 3333 Old Milton Parkway, Alpharetta, Georgia 30005-4437 U.S.A. (72) Name of Inventor : 1)FULTON, Temple Luke 2)BOGGS, Mark Steven 3)HAUSMAN, Steven Michael 4)JOHNSON, William H.

(57) Abstract :

Certain exemplary embodiments comprise a method comprising a plurality of activities comprising: at a programmable logic controller comprising a memory device, receiving a request to create a data log that is adapted to receive data from a process; initializing the data log by writing to the data log a head marker code in the record type field of a first record and an invalid code in the record type field of a last record of the data log, the last record logically preceding and logically adjacent to the first record.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3023/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONNECTOR ASSEMBLY FOR MALE AND FEMALE MEMBERS

(51) International classification :F16L19/065,23/00

(31) Priority Document No :2,457,978

(32) Priority Date :19/02/2004

(33) Name of priority country :Canada

(86) International Application No :PCT/CA2005/000218

Filing Date :18/02/2005

(87) International Publication No :WO/2005/080853

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)DANA CANADA CORPORATION

Address of Applicant : 656 Kerr Street, Oakville, Ontario L6K 3E4

Canada

(72)Name of Inventor :

1)MUHAMMAD, Anis

2)SHEPPARD, Jeff

(57) Abstract :

Abstract A connector assembly having a male member, a female member and a retainer for releasably securing the male member and the female member. The retainer has inner retainer arms for simultaneously engaging the male member and an interior portion of the female member, and an outer retainer flange for engaging an outer portion of the female member.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3024/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING A COMPOSITE PART

(51) International classification :B21D22/20,53/88

(31) Priority Document No :0401688

(32) Priority Date :19/02/2004

(33) Name of priority country :France

(86) International Application No :PCT/FR2005/000372

Filing Date :17/02/2005

(87) International Publication No :WO/2005/089974

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ARCELOR France

Address of Applicant : 1-5 rue Luigi Cherubini, 93200 Saint Denis, France

(72)Name of Inventor :

1)PINARD, Fabrice

(57) Abstract :

The invention relates to a method for producing a composite laminated part consisting in coating a steel sheet whose thickness is less than 0.65 mm by an adhesive polymer film whose thickness is equal to or greater than 0.1 mm, thereby forming a composite laminated steel sheet and, afterwards in shaping said composite laminated sheet by deep drawing in order to produce said composite part.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3025/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SKINCARE COMPOSITIONS

(51) International classification	:A61K7/48
(31) Priority Document No	:0403702.4
(32) Priority Date	:19/02/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000524
Filing Date	:15/02/2005
(87) International Publication No	:WO/2005/079746
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RECKITT & COLMAN (OVERSEAS) LIMITED
Address of Applicant : 103-105 Bath Road Slough, Berkshire SL1 3UH
U.K.
(72)**Name of Inventor :**
1)EVISON, Jane

(57) Abstract :

There is disclosed a skincare composition suitable for topical application to the skin. The composition comprises a cosmetically acceptable skincare composition in the form of a hydroalcoholic gel dispersion, the composition comprising salicylic acid or a salt thereof and a gelling agent in the form of a copolymer of acryloyl dimethyl tauric acid or a salt thereof. The compositions may be useful to cleanse the skin and the prophylactic or remedial treatment of acne.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3026/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GLIMEPIRIDE- AND INSULIN-INDUCED GLYCOSYLPHOSPHATIDYLINOSITOL-SPECIFIC PHOSPHOLIPASE C REGULATION

(51) International classification	:C12Q1/02,C07F9/6571	(71) Name of Applicant :
(31) Priority Document No	:04003897.8	1)SANOFI-AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:20/02/2004	Address of Applicant : Bruningstrasse 50, 65929 Frankfurt Germany
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/001553	1)MUELLER, Guenter
Filing Date	:16/02/2005	2)FRICK, Wendelin
(87) International Publication No	:WO/2005/080587	3)SCHNEIDER, Rudolf
(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 refers to a method for identification of a chemical compound which modulates the activity of mammalian GPI-PLC wherein a] a mammalian cell is incubated with glimepiride; b] hcDIGs of the cells of a] are prepared; c] the hcDIGs from b] are incubated with a chemical compound; d] the activity of the GPI-PLC from the hcDIGs of c] is determined.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3027/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A PROCESS FOR THE PREPARATION OF N-(PHOSPHONOMETHYL) GLYCINE OR A SALT THEREOF

(51) International classification :B01J21/18,B01J23/56,B01J37/02 (31) Priority Document No :60/171,313 (32) Priority Date :21/12/1999 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2000/034875 Filing Date :21/12/2000 (87) International Publication No :WO/2001/046208 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :IN/PCT/2002/00947/CHE Filed on :21/12/2000	(71)Name of Applicant : 1)MONSANTO Technology LLC Address of Applicant : 800 North Lindbergh Boulevard Saint Louis, Missouri 63167 U.S.A. (72)Name of Inventor : 1)LEIBER, Mark, A. 2)EBNER, Jerry, R. 3)WAN, Kam-to 4)WOODS, Anthony 5)ROGERS, Peter, E.

(57) Abstract :

This invention relates to a process for the preparation of N- (phosphonomethyl)glycine or a salt thereof, the process comprising contacting N- (phosphonomethyl)iminodiacetic acid or a salt thereof with an oxidation catalyst and in the presence of oxygen, wherein the catalyst comprises a carbon support having a noble metal and tellurium at a surface of the carbon support, the noble metal being selected from the group consisting of platinum, palladium, ruthenium, rhodium, iridium, silver, osmium, gold and combinations thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3028/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :16/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR PRODUCING 2-(L-MENTHOXY)ETHANOL COMPOUND

(51) International classification	:C07C 41/03	(71)Name of Applicant :
(31) Priority Document No	:2003-111597	1)TAKASAGO INTERNATIONAL CORPORATION
(32) Priority Date	:16/04/2003	Address of Applicant :37-1, Kamata 5-chome, Ohta-ku, Tokyo 1448721
(33) Name of priority country	:Japan	(JP) Japan
(86) International Application No	:PCT/JP2004/003058	(72)Name of Inventor :
Filing Date	:28/10/2004	1)ADACHI, Kenichiro
(87) International Publication No	:WO/2004/092104	2)ISHIDA, Kenya
(61) Patent of Addition to Application Number	:NA	3)MATSUDA, Hiroyuki
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process by which a 2-(L-menthoxy)ethanol compound which can enable foods or beverages, cigarettes, cosmetics, etc. to give a refreshing cool feeling can be produced from inexpensive materials through a simple step at low cost. The process, which is for producing a 2-(L-menthoxy)ethanol compound represented by the general formula (1) (wherein R represents hydrogen, alkyl, or 1-hydroxyalkyl), comprises reacting L-menthol with a 1,2-epoxyalkane in the presence of a catalyst comprising a Lewis acid

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3028/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS OF PREPARATION OF AN OLEFIN OLIGOMERIZATION CATALYST

(51) International classification :C07C2/32,2/30

(31) Priority Document No :10/783,429

(32) Priority Date :20/02/2004

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

(86) International Application No :PCT/US2005/005416

Filing Date :18/02/2005

(87) International Publication No :WO/2005/082816

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CHEVRON PHILLIPS CHEMICAL COMPANY LP

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77380 U.S.A.

(72)Name of Inventor :

1)KNUDSEN, Ronald, D.

2)KREISCHER, Bruce, E.

3)ABBOTT, Ronald, G.

4)BRIDGES, Steven, D.

5)BARALT, Eduardo, J.

(57) Abstract :

A method of making a catalyst for use in oligomerizing an olefin comprising a chromium-containing compound, a pyrrole-containing compound, a metal alkyl, a halide-containing compound, and optionally a solvent, the method comprising contacting a composition comprising the chromium-containing compound and a composition comprising the metal alkyl, wherein the composition comprising the chromium-containing compound is added to the composition comprising the metal alkyl.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3029/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DPP-IV INHIBITORS FOR TREATING NEURODEGENERATION AND COGNITIVE DISORDERS

(51) International classification :A61K31/4439,31/40,31/00,A61P25/28
(31) Priority Document No :60/546,229
(32) Priority Date :20/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/EP2005/001729
Filing Date :18/02/2005
(87) International Publication No :WO/2005/079795
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland
(72)**Name of Inventor :**
1)HUGHES, Thomas, Edward

(57) Abstract :

The invention relates to the use of a Dipeptidyl peptidase IV inhibitor (DPP-IV inhibitor) or a pharmaceutically acceptable salt thereof for the prevention, delay of progression or the treatment of neurodegenerative disorders, cognitive disorders and for improving memory (both short term and long term) and learning ability.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.303/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :01/04/2004

(43) Publication Date : 08/06/2007

(54) Title of the invention : "AN IMPROVED PROCESS FOR THE PREPARATION OF CEFOXITINB SODIUM"

(51) International classification

:C07D
57/14

(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)AUROBIND PHARMA LIMITED

Address of Applicant :NO 2 MAITRIVIHAR COMPLEX AMEERPET
ANDHRA PRADESH, HYDERABAD-500038 Andhra Pradesh India

(72)Name of Inventor :

1)BUDIDET SANKAR REDDY

2)YEARAMREDDY THIRUPATHI REDDY

3)SOMANNVAN YALLAPPA REDDY

4)RAMESH DANDALA

5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

THE PRESENT INVENTION IS DIRECTED TO A NEEW PROCESS OF PREPARING HIGHLY PARE CEFOXINTIN SODIUM OF FORMULA 1 AN ANTIBACTERIAL AGENT. THE INVENTION IS FURTHER DIRECTED TO NOVEL INTERMEDIATED USEFUL IN MAKING CEFOXINTIN SODIUM AND PROCESS OF MAKING THESEDERIVATIVES. EXAMPLES OF SUCH I-THIENYLACETAQMIDO}-NTERMEDIATES INCLUDE AMINE SALT OF 3--METHOXY-{ACETYLOXYMETHY-THEINYLASCVETAMIDO}-METHOXY- METHOXY-CARBOXYLATE, AMINE SALT OF -HYDROXYMETHY-3-CEPHEM-4-CARBOXYLATE.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3030/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A DECODING METHOD FOR DECODING CODED DATA ON A BLOCK BASIS

(51) International classification :G06T9/00,H04N7/26,H04N7/26,H04N7/50
(31) Priority Document No :2002-112665
(32) Priority Date :15/04/2002
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2003/003794
Filing Date :27/03/2003
(87) International Publication No :WO/2003/088675
(61) Patent of Addition to :NA
Application Number :NA
Filing Date :NA
(62) Divisional to Application :1973/CHENP/2003
Number :27/03/2003
Filed on

(71)**Name of Applicant :**
1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
Address of Applicant : 1006, Oaza Kadoma Kadoma-shi, Osaka 571-8501
Japan
(72)**Name of Inventor :**
1)KADONO, Shinya
2)HAGAI, Makoto
3)KONDO, Satoshi
4)ABE, Kiyofumi

(57) Abstract :

The method includes the following units: a coefficient number detecting unit (109) for detecting the number of coefficients which has a value other than 0 for each block according to the generated coefficient, a coefficient number storing unit (110) for storing the number of coefficients detected, a coefficient number coding unit (111) for selecting a table for variable length coding based on the numbers of coefficients in the coded blocks located on the periphery of a current block to be coded with reference to the selected table for variable length coding so as to perform variable length coding for the number of coefficients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3031/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DEVICE AND PROCESS FOR MULTIMODAL REGISTRATION OF IMAGES

(51) International classification	:G06T7/00	(71)Name of Applicant :
(31) Priority Document No	:04100689.1	1)KONINKLIJKE PHILIPS ELECTRONICS N. V.
(32) Priority Date	:20/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050468	(72)Name of Inventor :
Filing Date	:04/02/2005	1)MEETZ, Kirsten
(87) International Publication No	:WO/2005/083629	2)SCHULZ, Heinrich
(61) Patent of Addition to Application Number	:NA	3)VON BERG, Jens
Filing Date	:NA	4)SABCZYNSKI, Joerg
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a device and a process, with which images of different imaging methods can be registered, for example preoperatively obtained 3D X-ray images (A) and intra operatively obtained ultrasound images (B). First transformed images (A",B") are then generated in a data processing device (10), which are aligned to each other with regard to the peculiarities of each imaging method. Particularly from the three dimensional CT-image (A), can be generated a two dimensional image (A") which adheres to the characteristic means of representation of an ultrasound system, while shaded areas behind bones and/or gas-filled volumes can be blended out. With a feature-based registration of the transformed images (A", B") errors are avoided, which are traced back to artifacts and peculiarities of the respective imaging methods.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3032/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUDIO INTERVAL TRAINING DEVICE

(51) International classification :A63B69/00

(31) Priority Document No :60/546,076

(32) Priority Date :19/02/2004

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

(86) International Application No :PCT/IB2005/050586

Filing Date :16/02/2005

(87) International Publication No :WO/2005/082471

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)OGG, Felix Henric Govert

2)SIMON, David Peter Louis

(57) Abstract :

There is provided an audio interval training device, including a sensing unit to obtain a parameter of a user in physical exercise, a memory to store a plurality of audio signals having predetermined tempos; and a processing unit configured to (1) receive a first and second target parameter value, (2) select from the plurality of audio signals a first and second audio signal having respective tempos, (3) alternatively rendering the first and second audio signals, wherein a respective audio signal is rendered to the user corresponding to the first and second target parameter value, as determined by the processing unit using the parameter from the sensing unit.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3033/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMIDAZOLINE DERIVATIVES HAVING CB1-ANTAGONISTIC ACTIVITY

(51) International classification	:C07D233/00
(31) Priority Document No	:04100656.0
(32) Priority Date	:19/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/050680
Filing Date	:16/02/2005
(87) International Publication No	:WO/2005/080345
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SOLVAY PHARMACEUTICALS B.V.
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Netherlands
(72)**Name of Inventor :**
1)LANGE, Josephus, H., M.,
2)KRUSE, Cornelis, G.
3)VAN STUIVENBERG, Herman, H.

(57) Abstract :

The present invention relates to 1,2,4-tri-substituted imidazoline derivatives, to methods for the preparation of these compounds, to novel intermediates useful for the synthesis of said imidazoline derivatives, to methods for the preparation of these intermediates, to pharmaceutical compositions containing one or more of these imidazoline derivatives as active ingredient, as well as to the use of these pharmaceutical compositions for the treatment of psychiatric and neurological disorders. The compounds have the general formula (I) wherein the symbols have the meanings given in the specification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3034/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :18/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONCENTRATED-PROTEIN FOOD PRODUCT AND PROCESS

(51) International classification	: A23C 9/12
(31) Priority Document No	:60/546,079
(32) Priority Date	:18/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005192
Filing Date	:17/02/2005
(87) International Publication No	:WO/2005/079488
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DOMINION NUTRITION, INC.
Address of Applicant : 119 Dollar Drive, P.O. Box 5620, Ketchum, ID
83340 U.S.A.
(72)**Name of Inventor :**
1)ACHS, Ronald;

(57) Abstract :

A system, processes, and milk-based food products made from the system and processes, in which cream is separated from milk to produced an ultra-low fat milk product. The milk product is microfiltered to produce a retentate that is ready to drink and is high in protein and has no or substantially no fat. The permeate from the microfiltration processes is ultra filtered to produce a retentate that is high in protein with few other solids. The permeate may be used to provide protein fortification to other food and beverage products, and is especially useful in its liquid form for such fortification.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3035/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : EMBEDDING A SECONDARY INFORMATION SIGNAL IN A CHANNEL DATA STREAM

(51) International classification	:G11B20/00,G11B20/14,H03M5/14	(71)Name of Applicant :
(31) Priority Document No	:04100144.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050091	(72)Name of Inventor :
Filing Date	:07/01/2005	1)BENTVELSEN, Petrus, H., C.
(87) International Publication No	:WO/2005/071676	2)COENE, Willem, M., J., M.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and a corresponding device for embedding a secondary information signal in a channel data stream of encoded primary information signal. In order to make it more difficult for unauthorized persons or devices to retrieve the location of storage of the secondary information signal or its content itself a device is proposed according to the present invention comprising: - an encoder (1) for encoding said primary information signal into a channel data stream, - a control unit (3) for controlling the DC content of said channel data stream, - a secondary information signal embedding unit (2) for embedding said secondary information signal in said channel data stream by using freedoms in the DC control, and - an adaptation unit (4) for adapting the DC control by making non-optimal, arbitrary or random choices of the DC control at a number of locations of said channel data stream.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3036/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DISK CARTRIDGE HAVING CENTERING MEANS

(51) International classification	:G11B23/03
(31) Priority Document No	:04100137.1
(32) Priority Date	:19/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050172
Filing Date	:14/01/2005
(87) International Publication No	:WO/2005/071682
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1) BIERHOFF, Waltherus, C., J.

(57) Abstract :

A disk cartridge comprises a disk (1) having a central hub (4) for engagement with a disk drive. The disk is accommodated in a housing (2). The housing and disk are dimensioned such that there is limited clearance in a direction parallel to and perpendicular to the plane of the disk. The cartridge comprises a clamping member (11), such as a magnet, to clamp the disk to one side of the cartridge housing when the cartridge is free from the disk drive. The housing and the disk have co-operating centering members (13, 14), preferably near the center of the disk, so as to center the disk with respect to the cartridge housing when the disk is clamped to the housing by the clamping member. In this way, the disk is always in the correct position for a next engagement by the disk drive.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3037/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF MANUFACTURING A MAGNETO-OPTICAL DEVICE

(51) International classification	:G11B11/105
(31) Priority Document No	:04100146.2
(32) Priority Date	:19/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050087
Filing Date	:07/01/2005
(87) International Publication No	:WO/2005/071673
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VULLERS, Rudolf, J., M.

(57) Abstract :

Method of manufacturing a magneto-optical device, wherein at least one coil (3) is embedded in an oxide layer (2), wherein the oxide layer (2) is provided with at least one aperture (4). Wherein said aperture (4) is etched selectively in said oxide layer (2) with the use of a sloping side wall (6) of at least one turn (6) of said coil (3).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3038/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :17/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : EXPANDING THE EUKARYOTIC GENETIC CODE

(51) International classification	:C12N
(31) Priority Document No	:60/463,869
(32) Priority Date	:17/04/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/011786
Filing Date	:16/04/2004
(87) International Publication No	:WO/2004/094593
(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 :10550 North Torrey Pines Road, La Jolla, CA
92037 (US) U.S.A.
(72)**Name of Inventor :**
1)CHIN, Jason, W.
2)CROPP, Ashton, T.
3)ANDERSON, Christopher, J.
4)SCHULTZ, Peter, G.

(57) Abstract :

This invention provides compositions and methods for producing translational components that expand the number of genetically encoded amino acids in eukaryotic cells. The components include orthogonal tRNAs, orthogonal aminoacyl-tRNA synthetases, orthogonal pairs of tRNAs/synthetases and unnatural amino acids. Proteins and methods of producing proteins with unnatural amino acids in eukaryotic cells are also provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3038/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RECORDING APPARATUS AND METHOD FOR OPTIMIZED OVERWRITING

(51) International classification	:G11B7/004,G11B7/006,G11B7/125	(71)Name of Applicant :
(31) Priority Document No	:04100139.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:19/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050005	(72)Name of Inventor :
Filing Date	:03/01/2005	1)KABLAU, Johannes, G., F.,
(87) International Publication No	:WO/2005/071668	2)VAN DER VLEUTEN, Maarten
(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 recording apparatus and a corresponding method for recording information in an information layer of a record carrier (10) by irradiating the information layer (101) by means of a radiation beam (12), said information layer (101) having a phase reversibly changeable between a crystalline phase and an amorphous phase. In order to ensure that previously written marks are completely erased, irrespective of the mark width which may be the result of a different writer used for recording such a previously written marks, a recording apparatus is proposed comprising: -a radiation source (11) for emitting said radiation beam for writing, erasing and/or reading information, -a control unit (15) operative for controlling the power of said radiation beam, -a detection unit (16) for detecting previously written marks in said information layer and for determining the mark widths of previously written marks, wherein said control unit (15) is adapted for controlling write parameters for writing information based on the mark width of previously written marks.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3039/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF CONTROLLING ACCESS TO A COMMUNICATION NETWORK

(51) International classification	:G06F1/00,H04L29/06	(71) Name of Applicant :
(31) Priority Document No	:04100167.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:20/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050147	(72) Name of Inventor :
Filing Date	:13/01/2005	1)KELLY, Declan, P.
(87) International Publication No	:WO/2005/071516	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of controlling access to infrastructure (40) is provided. The method pertains to a terminal (20) that can be communicatively coupled to the infrastructure (40). Moreover, the terminal (20) is arranged to include a computer processor (60) that can be coupled to an associated local memory device (70) capable of receiving data carriers (200a, 200b). The method involves a first step of arranging for the processor (60) to execute one or more software applications therein which are at least in part operable in a substantially seamless manner to a user (90) of the terminal (20) for accessing data content from one or more of the local memory device (70) and the infrastructure (40). The computer processor (60) is at least partially restricted regarding data content that it is capable of receiving from the infrastructure (40, 50) and/or requesting from the infrastructure (40, 50).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3040/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FOCUS CONTROL SCHEME WITH JUMPING FOCAL POINT

(51) International classification	:G11B7/085	(71)Name of Applicant :
(31) Priority Document No	:04100166.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:20/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050097	(72)Name of Inventor :
Filing Date	:10/01/2005	1)ZIJP, Ferry
(87) International Publication No	:WO/2005/071670	2)VAN DER MARK, Martinus, B.
(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 focus control apparatus and method of controlling focus of a radiation beam onto a first spatial level of a record carrier, wherein a focus control loop is locked onto a reflection signal obtained from a second spatial level located at a predetermined distance from said first spatial level, and is then opened to move an objective means towards the second spatial level by a predetermined amount related to the predetermined distance. This stepwise procedure enlarges the margin for mechanical overshoot and hence reduces the risk of bumping into the disc. Additionally, no ambiguous focus error signals are detected and robustness of initial focusing is improved if a thin transparent cover layer is present.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3041/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AN OPTICAL DATA DISC WITH MULTIPLE BOOTING POINTS

(51) International classification	:G11B27/10,G06F9/445	(71) Name of Applicant :
(31) Priority Document No	:04300029.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:20/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050166	(72) Name of Inventor :
Filing Date	:14/01/2005	1)FONTIJN, Wilhelmus, F., J.
(87) International Publication No	:WO/2005/071685	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A booting procedure can take a long time and typically starts from a lead-in on a main data layer of an optical data disc. A Portable-Blue (PB) disc, a dual boot disc, includes a second data layer (304) from which application specific optical drives can boot directly. The dual boot disc still conforms to the prior art standard for PB for normal applications. The second boot (340) will cut in booting time for a specific application and will make application software small. is in particular relevant for gaming, for portable devices and relative specific applications.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3042/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR DETERMINING A MEASURE OF TEMPO AMBIGUITY FOR A MUSIC INPUT SIGNAL

(51) International classification	:G10H1/40
(31) Priority Document No	:04100175.1
(32) Priority Date	:21/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050212
Filing Date	:18/01/2005
(87) International Publication No	:WO/2005/071662
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)MCKINNEY, Martin, F.

(57) Abstract :

The invention describes a method for determining a measure of tempo ambiguity for a music input signal (1). The method comprises identifying candidate tempos (2) of the music input signal (1); ranking the candidate tempos (2) according to their relative strengths; and compiling a tempo scheme (4) comprising the relationship of the ranked candidate tempos (2") to each other. Moreover the invention describes an appropriate system (7) for determining a measure of tempo ambiguity for a music input signal (1).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3043/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYNTHESIS OF SPONGOSINE

(51) International classification :C07H19/16

(31) Priority Document No :0401292.8

(32) Priority Date :21/01/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB2005/000183

Filing Date :19/01/2005

(87) International Publication No :WO/2005/070947

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)CAMBRIDGE BIOTECHNOLOGY LIMITED

Address of Applicant : P.O. Box 230, Cambridge CB2 1XJ U.K.

(72)Name of Inventor :

1)OUZMAN, Jacqueline, Valerie, Anne

(57) Abstract :

Reaction of 1-O-acetyl-2,3,5-tri-O-benzoyl- β -D-ribofuranose with 2-methoxyadenine to form 9-(2',3',5'-tri-O-benzoyl- β -D-ribofuranosyl)-2-methoxyadenine, then deprotection of the 9-(2',3',5'-tri-O-benzoyl- β -D-ribofuranosyl)-2-methoxyadenine to form spongosine is described. Synthesis of intermediates for use in the synthesis of spongosine is also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3044/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : THERAPEUTIC METHODS AND PHARMACEUTICAL COMPOSITIONS FOR TREATING WARTS WITH TELLURIUM COMPOUNDS

(51) International classification	: A61B 1/005
(31) Priority Document No	:60/538,635
(32) Priority Date	:22/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IL2005/000084
Filing Date	:23/01/2005
(87) International Publication No	:WO/2005/069735
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)BIOMAS LTD.

Address of Applicant : Or Towers A, 11th Floor, 27, Habarzel Street,
69710 tel-Aviv, Israel

(72)**Name of Inventor :**

1)SREDNI, Benjamin

2)ALBECK, Michael

(57) Abstract :

A novel method for treating skin and mucosal membrane ailments caused by human papilloma viruses, which utilizes tellurium-containing compounds, is disclosed. Also disclosed are pharmaceutical compositions containing tellurium-containing compounds for treating such ailments.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3045/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND SYSTEM FOR A GRID-ENABLED VIRTUAL MACHINE WITH MOVABLE OBJECTS

(51) International classification	:G06F9/46
(31) Priority Document No	:10/761,998
(32) Priority Date	:21/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/052667
Filing Date	:26/10/2004
(87) International Publication No	:WO/2005/071539
(61) 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 : Armonk, New York 10504 U.S.A.
(72)**Name of Inventor :**
1)BROUSSARD, Scott, J.
2)LIU, Ying
3)SPRING, Eduardo, N.

(57) Abstract :

A method, an apparatus, a computer program product, and a data processing system provide for operation of a virtual machine with embedded functionality for interoperating with other virtual machines in a computational grid. A plurality of virtual machines are run on one or more devices within a data processing system; each virtual machine in the plurality of virtual machines incorporates functionality for interoperating and associating with other virtual machines in a virtual machine cluster in a grid-like manner. Each virtual machine in the virtual machine cluster acts as a node within the virtual machine cluster. A virtual machine manages its objects in association with an object group, and each virtual machine may manage multiple object groups. The virtual machines share information such that the object groups can be moved between virtual machines in the virtual machine cluster, thereby allowing the virtual machine cluster to act as one logical virtual machine.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3046/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ACTIVATED CARBON WITH IMPROVED MECHANICAL RESISTANCE, AND THE USES THEREOF, ESPECIALLY AS A CATALYST CARRIER

(51) International classification	:C01B31/08
(31) Priority Document No	:0400568
(32) Priority Date	:22/01/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/000114
Filing Date	:19/01/2005
(87) International Publication No	:WO/2005/080269
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)CECA S.A.

Address of Applicant : 4-8, cours Michelet, F-92800 Puteaux France

(72)**Name of Inventor :**

1)LE BEC, Remi

(57) Abstract :

The invention relates to activated carbons with improved mechanical properties. Said carbons can be advantageously used in the softening of petroleum fractions as oxidation catalyst carriers in the transformation of mercaptans and disulfides, but also in all other types of reactions, such as for the oxidation of cyanide contained in water or in the synthesis of glyphosate, and in methods for purification and/or separation by selective liquid-phase and/or gas-phase adsorption (discoloration of food liquids, water treatment, air treatment, solvent recovery, etc.)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3047/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING CALCIUM FLUORIDE, REUSING METHOD AND RECYCLING METHOD THEREOF

(51) International classification	:C01F11/22,C02F1/58,B01D9/02	(71)Name of Applicant :
(31) Priority Document No	:2004-013191	1)Morita Chemical Industries Co., Ltd.
(32) Priority Date	:21/01/2004	Address of Applicant : 4-1-3, Kyutarou-machi, Chuo-ku, Osaka-shi,
(33) Name of priority country	:Japan	Osaka, 5410056 Japan
(86) International Application No	:PCT/JP2004/012040	(72)Name of Inventor :
Filing Date	:17/08/2004	1)MOMOTA, Kunitaka
(87) International Publication No	:WO/2005/070831	2)YAMAMOTO, Kazumasa
(61) Patent of Addition to Application		3)INOUE, Youichi
Number	:NA	4)WATANABE, Shuuichi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

To recycle fluoride by recovering calcium fluoride having a particle size and purity suitable for production of hydrogen fluoride, from a fluoride-containing effluent or a hydrofluoric acid-containing effluent. This method comprises reacting the fluoride-containing effluent or the hydrofluoric acid-containing effluent with an aqueous calcium chloride solution, under an acidic condition with hydrochloric acid where calcium fluoride has a comparatively high solubility. Calcium fluoride having a high purity and a large particle size can be deposited. The hydrochloric acid residues from the reaction or formed through the reaction is reacted with an inexpensive calcium compound such as calcium hydroxide, calcium oxide and calcium carbonate to produce an aqueous calcium chloride solution, and the aqueous calcium chloride solution is reused for the treatment of the hydrofluoric acid-containing effluent. The calcium fluoride obtained can be used as a raw material as it is for producing hydrogen fluoride, and the surplus aqueous calcium chloride solution can be supplied for other industrial uses.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3048/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DATA CLEANING PROGRAM

(51) International classification :G06F12/14,12/00,G11B20/10,20/12,27/00
(31) Priority Document No :2004-013600
(32) Priority Date :21/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/000664
Filing Date :20/01/2005
(87) International Publication No :WO/2005/071552
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)ORIENT INSTRUMENT COMPUTER CO., LTD.
Address of Applicant : 17-19, Shiginonishi 1-chome, Joto-ku, Osaka-shi,
Osaka 5360014 Japan
(72)**Name of Inventor :**
1)ITO, Tomoaki

(57) Abstract :

There is provided with a data cleaning program capable of deleting data recorded in a data recording medium so as not to be restored. Further, there is provided with a data cleaning program capable of making it impossible to read unnecessary data remaining in a data recording medium. A part of an operating system, 14 required for a cleaning operation and/or a data cleaning program 22 are saved into a main memory 3, so that the part of the operating system 14 and/or the program 22, both saved, write predetermined data over a recording area of a file specified to be cleaned. All addresses of recording areas 14a of a FAT in which release codes are recorded are extracted, so that clusters 17a in the data area 17 corresponding to the extracted addresses are written over with desired dummy data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3049/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR DEINTERLACING OF VIDEO USING MOTION COMPENSATED TEMPORAL INTERPOLATION

(51) International classification	:H04N7/01,H04N7/36	(71) Name of Applicant :
(31) Priority Document No	:04100196.7	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN	Netherlands
(86) International Application No	:PCT/IB2005/050010	(72) Name of Inventor :
Filing Date	:03/01/2005	1)BRULS, Wilhelmus, H., A.
(87) International Publication No	:WO/2005/071957	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and an apparatus for processing an interlaced video signal is disclosed. First, the interlaced video signal is de-interlaced. A plurality of temporal interpolated frames between original frames of the interlaced video signal are created using motion compensated temporal interpolation. The plurality of temporal interpolated frames and original frames are temporal filtered to produce an output video signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3050/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF AUTHORIZING ACCESS TO CONTENT

(51) International classification	:G06F1/00	(71)Name of Applicant :
(31) Priority Document No	:04100215.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:22/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050131	(72)Name of Inventor :
Filing Date	:12/01/2005	1)STARING, Antonius, A., M.
(87) International Publication No	:WO/2005/071515	2)TREFFERS, Menno, A.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of and source device (410) for authorizing access to content (425) by a sink device (400) in accordance with usage rights, the content being stored on a storage medium (420) controlled by the source device. The revocation status of the sink device is verified using the most recently issued revocation information that is available if the usage rights need to be modified as part of the authorization of access to the content, and using revocation information associated with the content stored on the storage medium, preferably the revocation information stored on the storage medium, otherwise. The revocation information on the storage medium, or only the part relating to the sink device, is optionally updated to the most recently issued revocation information if the usage rights need to be modified. Preferably this is done only if the result of the verification is that the sink device has been revoked.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3051/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DIRECTIONAL FLOW SENSOR INHALER

(51) International classification : A61M 15/00

(31) Priority Document No :60/547,324

(32) Priority Date :24/02/2004

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

(86) International Application No :PCT/US2005/005750

Filing Date :23/02/2005

(87) International Publication No :WO/2005/081977

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MICRODOSE TECHNOLOGIES, INC.

Address of Applicant : 4262 US Route 1, Suite 3, Monmouth Junction, NJ
08852 U.S.A.

(72)Name of Inventor :

1)GUMASTE, Anand, V.

2)BOWERS, John

(57) Abstract :

An fluid sensor to activate and control various components of an inhalation device. The fluid sensor includes an acoustic element, such as a microphone, positioned within said inhalation device to detect fluid within the device and output signals representative of the frequency, direction and/or amplitude of the fluid. These signals control and activate an electrostatic plate and/or a high frequency vibrator.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3052/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYNTHETIC JET BASED MEDICAMENT DELIVERY METHOD AND APPARATUS

(51) International classification : A61M 11/00

(31) Priority Document No :60/547,323

(32) Priority Date :24/02/2004

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

(86) International Application No :PCT/US2005/004850

Filing Date :17/02/2005

(87) International Publication No :WO/2005/081833

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MICRODOSE TECHNOLOGIES, INC.

Address of Applicant : 4262 US Route 1, Suite 3, Monmouth Junction, NJ

08852 U.S.A.

(72)Name of Inventor :

1)GUMASTE, Anand, V.

2)BOWERS, John

(57) Abstract :

A dry powder inhaler consisting of first chamber having an orifice for holding a dry powder and a gas, and a second chamber for receiving a deaggregated form of the dry powder and for communicating the deaggregated dry powder to a user. A synthetic jet drives the dry powder from the first chamber to the second chamber.

(54) Title of the invention : NOVEL HETEROCYCLIC COMPOUND

(51) International classification	:C07D209/34,235/26,263/58,277/68,401/02	(71)Name of Applicant :	
(31) Priority Document No	:2004-045979	1)Dainippon Sumitomo Pharma Co., Ltd.	
(32) Priority Date	:23/02/2004	Address of Applicant : 6-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi,	
(33) Name of priority country	:Japan	Osaka 5418524 Japan	
(86) International Application No	:PCT/JP2005/003095	(72)Name of Inventor :	
Filing Date	:18/02/2005	1)KODO, Toru	
(87) International Publication No	:WO/2005/080334	2)FUKAYA, Takayuki	
(61) Patent of Addition to	:NA	3)KOYAMA, Koji	
Application Number	:NA	4)MASUMOTO, Shuji	
Filing Date	:NA	5)FUJIBAYASHI, Nao	
(62) Divisional to Application	:NA		
Number	:NA		
Filing Date	:NA		

(57) Abstract :

A drug having a high affinity for benzodiazepine W3 receptors and showing curative and preventive effects for anxiety and depression, which comprises as the active ingredient, for example, a compound of the formula (1): wherein RI and R2 are independently a hydrogen atom, an optionally substituted alkyl group, an optionally substituted aryl group, etc., R3 and R4 are independently a hydrogen atom, an optionally substituted alkyl group, etc., R5, R6, R7 and R8 are independently a hydrogen atom, an optionally substituted alkyl group, an optionally substituted aryl group, etc., X is an oxygen atom, a sulfur atom, NRIO, etc. (in which RIO is a hydrogen atom, an optionally substituted alkyl group, etc.)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3054/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BIOMAKERS

(51) International classification

:C12Q1/68

(31) Priority Document No

:60/546,856

(32) Priority Date

:23/02/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/EP2005/001849

Filing Date

:22/02/2005

(87) International Publication No

:WO/2005/080593

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)NOVARTIS AG

Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland

2)NOVARTIS FORSCHUNGSSTIFTUNG

(72)Name of Inventor :

1)BEUVINK, Iwan

2)BOULAY, Anne

3)LANE, Heidi

4)O'REILLY, Terence

5)THOMAS, George

(57) Abstract :

Abstract Provided are biomarkers for determining the sensitivity of proliferative diseases such as cancer to therapeutic agents, in particular mTOR inhibitors in combination with a cytotoxic agent, in particular a cytotoxic agent which damages or affects the integrity of DNA.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3055/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PGG SEPARATION AND PURIFICATION

(51) International classification	:C07H1/06,C13D3/16	(71) Name of Applicant :
(31) Priority Document No	:60/538,698	1)OHIO UNIVERSITY
(32) Priority Date	:23/01/2004	Address of Applicant : 20 East Circle Drive, Suite 190, Athens, Ohio
(33) Name of priority country	:U.S.A.	45701-3751 U.S.A.
(86) International Application No	:PCT/US2005/002262	(72) Name of Inventor :
Filing Date	:24/01/2005	1)REN, Yulin
(87) International Publication No	:WO/2005/070943	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract A simple, inexpensive, and efficient method for separation and purification of the alpha- and beta- FORMS OF penta-O-galloyl-D-glucose (PGG) without the need for HPLC. The methods provided herein are useful for separating alpha-PGG or beta-PGG from a mixture that contains alpha-PGG and beta-PGG and other chemicals. The method for separation of alpha-PGG from a mixture of alpha-PGG and beta-PGG comprises the steps of: adding water to a sample containing 50% or more alpha-PGG and 50% or less beta-PGG; mixing the PGG and water to dissolve the PGG; filtering out any undissolved particles; and allowing the filtered solution to stand undisturbed until crystals form.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3056/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AN EFFICIENT METHOD TO SYNTHESIZE BENZYL GROUP-PROTECTED ALPHA-PENTAGALLOYLGLUCOSE (&AGR;-PGG) AND ITS ANALOGUES

(51) International classification	:A61K38/00
(31) Priority Document No	:60/539,063
(32) Priority Date	:23/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002261
Filing Date	:24/01/2005
(87) International Publication No	:WO/2005/072765
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)OHIO UNIVERSITY
Address of Applicant : 20 East Circle Drive, Suite 190, Athens, Ohio
45701-3751 U.S.A.
(72)**Name of Inventor :**
1)HIMMELDIRK, Klaus B.
2)CHEN, Xiaozhuo

(57) Abstract :

A method to synthesize benzyl group protected alpha-pentagalloylglucose (&agr;-PGG) and related compounds. The method comprises the steps of: suspending a highly reactive acylation agent and an acylating catalyst in a donor solvent; adding &agr;-D-glucose or an analogue thereof to the mixture; reacting the mixture at room temperature for a time sufficient for reaction to occur; evaporating the solvent; taking up the residue in an appropriate solvent; filtering the residue and solvent mixture; and evaporating off the solvent.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3057/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMMUNOSUPPRESSANT COMPOUNDS AND COMPOSITIONS

(51) International classification :C07C251/52

(31) Priority Document No :60/547,712

(32) Priority Date :24/02/2004

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

(86) International Application No :PCT/US2005/006123

Filing Date :24/02/2005

(87) International Publication No :WO/2005/082841

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)IRM LLC

Address of Applicant : Hurst Holme, 12 Trott road, Hamilton HM 11, Bermuda

(72)Name of Inventor :

1)PAN, Shifeng

2)GAO, Wenqi

3)GRAY, Nathanael Schiander

4)MI, Yuan

(57) Abstract :

The present invention relates to immunosuppressants, processes for their production, their uses and pharmaceutical compositions containing them. The invention provides a novel class of compounds useful in the treatment or prevention of diseases or disorders mediated by lymphocyte interactions, particularly diseases associated with EDG receptor mediated signal transduction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :18/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : BENZIMIDAZOLE-DERIVATIVES AS FACTOR Xa INHIBITORS

(51) International classification : C07D 235/24

(31) Priority Document No :03011305.4

(32) Priority Date :19/05/2003

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2004/004750

Filing Date :05/05/2004

(87) International Publication No :WO/2004/101553

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SANOFI-AVENTIS DEUTSCHLAND GMBH

Address of Applicant :Brüningstrasse 50, 65929 Frankfurt (DE) (All Except US) Germany

(72)Name of Inventor :

1)NAZARE, Marc

2)WAGNER, Michael

3)WEHNER, Volkmar

4)MATTER, Hans

5)URMANN, Matthias

6)RITTER, Kurt

(57) Abstract :

The present invention relates to compounds of the formula (I), wherein R0,, R1 , R2, Q, V, G and M have the meanings indicated in the claims. The compounds of the formula I are valuable pharmacologically active compounds. They exhibit a strong antithrombotic effect and are suitable, for example, for the therapy and prophylaxis of cardiovascular disorders like thromboembolic diseases or restenoses. They are reversible inhibitors of the blood clotting enzymes factor Xa (FXa) and/or factor VIIa (FVIIa), and can in general be applied in conditions in which an undesired activity of factor Xa and/or factor VIIa is present or for the cure or prevention of which an inhibition of factor Xa and/or factor VIIa is intended. The invention furthermore relates to processes for the preparation of compounds of the formula I, their use, in particular as active ingredients in pharmaceuticals, and pharmaceutical preparations comprising them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3058/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANTIFUNGAL COMPOSITIONS

(51) International classification	:A01N35/02,35/04,43/30,31/04,31/02	(71) Name of Applicant :
(31) Priority Document No	:60/547,120	1)GIVAUDAN SA
(32) Priority Date	:24/02/2004	Address of Applicant : Chemin de la Parfumerie 5, CH-1214 Vernier
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/CH2005/000063	(72) Name of Inventor :
Filing Date	:04/02/2005	1)NATSCH, Andreas
(87) International Publication No	:WO/2005/079573	2)MCGEE, Thomas
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of simultaneously preventing the growth of fungi on substrates, particularly those exposed to an atmosphere, and imparting thereto a desired odour, by applying thereto a fragrance whose fragrant properties are derived mainly from the presence in the fragrance of at least two fragrance components selected from the group consisting of certain selected cyclic aldehydes, cyclic alcohols, branched or unbranched linear aldehydes, branched or unbranched linear alcohols, phenols and lactones. The method is particularly effective in supplying the necessary fragrance and antifungal properties in the vapour phase, thus avoiding any potentially harmful or damaging contact with liquid preparations.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3059/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMMUNOSUPPRESSANT COMPOUNDS AND COMPOSITIONS

(51) International classification : A61K 31/497
(31) Priority Document No :60/547,757
(32) Priority Date :24/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006311
Filing Date :24/02/2005
(87) International Publication No :WO/2005/082089
(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)PAN, Shifeng

2)MARSILJE, Thomas, H.

3)LU, Wenshuo

4)GAO, Wenqi

5)GRAY, Nathanael, Schiander

6)HE, Yun

7)LIU, Yahua

8)MI, Yuan

9)XIE, Yongping

(57) Abstract :

The present invention relates to immunosuppressant, process for their production, their uses and pharmaceutical compositions containing them. The invention provides a novel class of compounds useful in the treatment or prevention of diseases or disorders mediated by lymphocyte interactions, particularly diseases associated with EDG receptor mediated signal transduction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3060/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DEVICE FOR DISPENSING A FLUID

(51) International classification	:A61L9/12,9/05,E03D9/03	(71) Name of Applicant :
(31) Priority Document No	:0401409.8	1)RECKITT BENCKISER (UK) LIMITED
(32) Priority Date	:23/01/2004	Address of Applicant : 103-105 Bath Road, Slough, Berkshire SL1 3UH
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2005/000205	(72) Name of Inventor :
Filing Date	:21/01/2005	1)CORNELIUS, Gay, Joyce
(87) International Publication No	:WO/2005/070474	2)MCKECHNIE, Malcolm, Tom
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A device for dispensing a fluid at a locus comprises a reservoir (2) of fluid in liquid form, a syphonic-action elongate liquid delivery means (12) having a proximal end (14) inside the reservoir adjacent the bottom thereof and a distal end (16) from which the fluid is dispensed as a liquid or as a vapour.

(54) Title of the invention : VIRUS PURIFICATION METHODS

(51) International classification	:C12N7/00
(31) Priority Document No	:PCT/EP04/050190
(32) Priority Date	:23/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/050739
Filing Date	:21/02/2005
(87) International Publication No	:WO/2005/080556
(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 : Archimedesweg 4, NL-2333 CN Leiden
Netherlands
(72)**Name of Inventor :**
1)WEGGEMAN, Miranda
2) VAN CORVEN, Emile Joannes Josephus Maria

(57) Abstract :

The invention provides a method for the purification of a virus from a host cell, said method comprising the steps of: a) culturing host cells, b) infecting said host cells with a virus, c) treating the cell culture with nuclease, d) lysing said host cells to provide a lysate comprising the virus. The virus is preferably a recombinant adenovirus. The invention further provides a method for the purification of a recombinant virus expressing a heterologous protein that is capable of binding nucleic acid, comprising the steps of: a) culturing host cells, b) infecting said host cells with said recombinant virus, c) lysing said host cells to provide a lysate comprising said recombinant virus, d) subjecting the recombinant virus to anion exchange chromatography and size exclusion chromatography, characterized in that the virus containing mixture is buffer exchanged at least once with a solution comprising at least 2 M NaCl, or another salt providing an equivalent ionic strength.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3062/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USE OF TWEAK MODULATORS AND INHIBITORS FOR THE TREATMENT OF NEUROLOGICAL CONDITIONS

(51) International classification :G01N33/50,A61K39/395,38/17,A61P25/00
(31) Priority Document No :04004094.1
(32) Priority Date :23/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/001921
Filing Date :23/02/2005
(87) International Publication No :WO/2005/080972
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AXARON BIOSCIENCE AG
Address of Applicant : Im Neuenheimer Feld 515, 69120 Heidelberg
Germany
(72)**Name of Inventor :**
1)SCHNEIDER, Armin
2)ROSSNER, Moritz
3)VOGT, Gerhart
4)SCHWANINGER, Markus

(57) Abstract :

The invention relates to the use of substances that modulate or inhibit the expression or activity of TWEAK in neural cells, for the manufacture of a medicament for the treatment and/or prophylaxis of neurological and/or psychiatric conditions. The invention furthermore relates to the use of substances that modulate or inhibit the expression or activity of the TWEAK receptor, or that modulate or inhibit the intracellular signalling of the TWEAK receptor, for the same purpose. In addition, the invention encompasses a method for the identification of substances that modulate or inhibit the expression or activity of TWEAK.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3063/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A METHOD FOR REALIZING THE MULTICAST SERVICE

(51) International classification	:H04L12/28,29/06
(31) Priority Document No	:200410030392.2
(32) Priority Date	:24/03/2004
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2005/000375
Filing Date	:24/03/2005
(87) International Publication No	:WO/2005/091562
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)HUAWEI TECHNOLOGIES CO., LTD.
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Longgang District, Shenzhen, Guangdong 518129 China
(72)**Name of Inventor :**
1)FU, Yan
2)HU, Haitao

(57) Abstract :

The present invention discloses a method for implementing multicast services, which includes: preset a mapping relation between a multicast user address and a multicast group address; acquire a request packet sent by the multicast user who requests to join in the multicast group; determine whether the multicast group address in request I packet is the same as that corresponding to the multicast user in the established mapping relation according to the multicast user address and multicast group address carried in the request packet. If yes, allow the multicast user to join in the multicast group. Otherwise, reject the multicast user from joining in the multicast group. The present invention can open the preset multicast resources to the preset multicast user with speed and pertinence. At the same time, it limits the maximum number of multicast groups that each multicast user is allowed to join in, which can effectively control multicast service bandwidth and further protect the network equipment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3064/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUPPORT ACCUMULATING IN INJURED PART IN VASCULAR CHANNEL

(51) International classification	:A61K9/127,47/10,47/12,47/24,A61P9/10	(71) Name of Applicant :	
(31) Priority Document No	:2004-015713	1)KEIO UNIVERSITY	
(32) Priority Date	:23/01/2004	Address of Applicant : 15-45, Mita, Minato-ku, Tokyo 1088345 Japan	
(33) Name of priority country	:Japan	(72) Name of Inventor :	
(86) International Application No	:PCT/JP2005/001291	1)SUEMATSU, Makoto	
Filing Date	:24/01/2005	2)TAKEOKA, Shinji	
(87) International Publication No	:WO/2005/070395		
(61) Patent of Addition to			
Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application			
Number	:NA		
Filing Date	:NA		

(57) Abstract :

The present invention provides a carrier that accumulates on a damaged tissue and that functions as a drug for controlling a platelet function, a drug delivery method using the carrier and a pharmaceutical composition comprising the carrier. The present invention also provides a carrier with a non-cationic surface, a drug transporter and a pharmaceutical composition comprising the carrier.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3065/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITION FOR TREATING PATHOLOGY ASSOCIATED WITH MSRV/HERV-W

(51) International classification :C07K16/28

(31) Priority Document No :0400675

(32) Priority Date :23/01/2004

(33) Name of priority country :France

(86) International Application No :PCT/FR2005/000156

Filing Date :24/01/2005

(87) International Publication No :WO/2005/080437

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)BIOMERIEUX

Address of Applicant : Chemin de l'Orme, F-69280 Marcy L'toile France

2)INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE

MEDICALE (I.N.S.E.R.M.)

(72)Name of Inventor :

1)MARCHE, Patrice

2)ROLLAND, Alexandre

3)JOUVIN-MARCHE, Evelyne

4)PERRON, Herve

5)ROLLAND, Alexandre

(57) Abstract :

The inventive composition comprises at least one type of antibody selected in a group (i) of anti-Env-SU MSRV/HERV-W antibodies or in a group of anti-TLR4 antibodies specifically linkable with the soluble fraction of a Env protein of MSRV/HERV-W or to a TLR4 receptor of the soluble fraction of the Env protein of MSRV/HERV-W.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3066/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR PRODUCTION OF CHLORINE DIOXIDE

(51) International classification	:C01B11/02,B01J8/02,19/24,3/00	(71)Name of Applicant :
(31) Priority Document No	:60/546,199	1)AKZO NOBEL N.V.
(32) Priority Date	:23/02/2004	Address of Applicant : P.O. Box 9300, NL-6800 SB Arnhem Netherlands
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/SE2005/000167	1)CHARLES, Gary
Filing Date	:09/02/2005	2)BURKE, Michael
(87) International Publication No	:WO/2005/080262	
(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 process for continuously producing chlorine dioxide comprising the steps of: feeding to a reactor an acid, a reducing agent and alkali metal chlorate; reacting the alkali metal chlorate with the acid and the reducing agent to form a product stream containing chlorine dioxide and the alkali metal salt of the acid; and, bringing said product stream from the reactor to an absorption tower, where it is contacted with a flow of water to form an aqueous solution containing chlorine dioxide. The invention also relates to an apparatus to produce chlorine dioxide. The invention further relates to a novel aqueous solution comprising of chlorine dioxide.

(54) Title of the invention : METHOD FOR INCREASING THE PROCESS STABILITY, PARTICULARLY THE ABSOLUTE THICKNESS PRECISION AND THE INSTALLATION SAFETY DURING THE HOT ROLLING OF STEEL OR NONFERROUS MATERIALS

(51) International classification	:B21B37/00,37/16	(71) Name of Applicant :
(31) Priority Document No	:10 2004 003 514.8	1)SMS DEMAG AKTIENGESELLSCHAFT
(32) Priority Date	:23/01/2004	Address of Applicant : Eduard-Schloemann-Strasse 4, 40237 Dusseldorf
(33) Name of priority country	:Germany	Germany
(86) International Application No	:PCT/EP2005/000348	(72) Name of Inventor :
Filing Date	:14/01/2005	1)LIXFELD, Peter
(87) International Publication No	:WO/2005/070575	2)SKODA-DOPP, Ulrich
(61) Patent of Addition to Application Number	:NA	3)WEHAGE, Harald
Filing Date	:NA	4)GRIMM, Wolfgang
(62) Divisional to Application Number	:NA	5)BOROWIKOW, Alexander
Filing Date	:NA	6)BLEI, Holger

(57) Abstract :

Abstract The invention relates to a method for increasing the process stability, particularly the absolute thickness precision and the installation safety during the hot rolling of steel or nonferrous materials, with small degrees of deformation (f) or no reductions while taking the high-temperature limit of elasticity (Re) into account when calculating the set rolling force (FW) and the respective setting position (s). The process stability can be increased with regard to the precision of the yield stress (kf,R) and the set rolling force (FW) at small degrees of deformation (f) or small reductions, during which the high-temperature limit of elasticity (Re) is determined according to the deformation temperature (T) and/or the deformation speed (phip) and is integrated into the function of the yield stress (kf) for determining the set rolling force (FW) via the relation (2)) $Re = a + e \cdot phip$, in which: Re represents the high-temperature limit of elasticity; T represents the deformation temperature; phip represents the deformation speed, and; a, b, c represent coefficients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3068/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS AND CATALYSTS FOR THE PRODUCTION OF LINEAR ALKANES

(51) International classification :C10G47/16,47/18,47/20,B01J29/08,29/12
(31) Priority Document No :MI2004A000299
(32) Priority Date :23/02/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/001223
Filing Date :04/02/2005
(87) International Publication No :WO/2005/080532
(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 : Via E. Fermi 4, I-72100 Brindisi Italy
(72)**Name of Inventor :**
1)DALLORO, Leonardo
2)CESANA, Alberto
3)BUZZONI, Roberto
4)RIVETTI, Franco

(57) Abstract :

The invention relates to a process for the production of linear alkanes, containing less than 6"carbon atoms, from a mix comprising one or more hydrocarbons containing at least 6 carbon. atoms. The process uses a catalytic composition comprising particular combinations of a Y-type zeolite, at least one element selected from Zn, Mo, Cu, Ga, In, W, Ta, Zr, Ti, metals of Group VIII and optionally one or more lanthanides.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3069/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONFIGURING A MOBILE TELEPHONE

(51) International classification	:H04Q7/32
(31) Priority Document No	:0403971.5
(32) Priority Date	:24/02/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/050600
Filing Date	:17/02/2005
(87) International Publication No	:WO/2005/086512
(61) 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.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
U.K.
(72)**Name of Inventor :**
1)WOOD, Karl, J.

(57) Abstract :

Abstract A method for controlling the communication functionality of a mobile phone in which configuration data is provided and received. Voice calls using the mobile phone are controlled by impeding or limiting the ability to conduct such calls to encourage use of alternative communication such as SMS text messaging.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3070/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND CIRCUIT FOR ENCRYPTING A DATA STREAM

(51) International classification	:G11B20/00	(71)Name of Applicant :
(31) Priority Document No	:04100708.9	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:23/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050594	(72)Name of Inventor :
Filing Date	:17/02/2005	1)DE HAAN, Wiebe
(87) International Publication No	:WO/2005/081544	2)TREFFERS, Menno, A.
(61) Patent of Addition to Application Number	:NA	3)STARING, Antonius, A., M.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: Current legislation requires the possibility of encryption when storing television programmes received by broadcast. However, legacy playback apparatuses will not be able to play back such encrypted data in a regular way, but possibly in a wrong way. This may result in problems like damage of Speakers. Therefore, the invention intends to hide any of such possibly damaging streams by intentionally providing such streams with a wrong identification during the encryption process. The invention provides among others a method and circuit for encryption and a method and circuit for decryption. The invention is especially suitable for DVD recorders, but may also be employed for other video and/or audio recorders. The invention may even be used for encrypting non-audiovisual data.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3071/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SOLID FORMULATIONS OF OSPEMIFENE

(51) International classification	:A61K31/085,9/16,9/20	(71) Name of Applicant :
(31) Priority Document No	:10/783,024	1)HORMOS MEDICAL LTD.
(32) Priority Date	:23/02/2004	Address of Applicant : Itainen Pitkakatu 4 B, FI-20520 Turku Finland
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/FI2005/000037	1)LEHTOLA, Veli-Matti
Filing Date	:19/01/2005	2)HALONEN, Kaija
(87) International Publication No	:WO/2005/079777	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention relates to a solid drug formulation comprising granulates containing ospemifene (also known as (deaminohydroxy)toremifene) as a therapeutically active compound, or a geometric isomer, a stereoisomer, a pharmaceutically acceptable salt, an ester thereof or a metabolite thereof, in combination with one or more intra-granular excipients.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3072/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GAS DRIVE ELECTROLYTIC CELL

(51) International classification

:C02F1/46

(31) Priority Document No

:10/785,892

(32) Priority Date

:23/02/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/005978

Filing Date

:23/02/2005

(87) International Publication No

:WO/2005/082787

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MIOX CORPORATION

Address of Applicant :5601 Balloon Fiesta Parkway NE Albuquerque,
New Mexico 87113, U.S.A.

(72)Name of Inventor :

1)HERRINGTON, Rodney

2)MICH, Greg, C.

3)SCHWARZ, Kevin

(57) Abstract :

The present invention is directed to an electrolytic cell that is completely sealed during the electrolysis operation during production of oxidant. Gasses generated within the electrolysis operation, primarily hydrogen that is liberated at the cathode surface, increase the pressure within the cell, and the gas pressure is ultimately utilized to expel the oxidant from the cell chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3073/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TOUCH SENSOR WITH LINEARIZED RESPONSE

(51) International classification	:G06F3/033
(31) Priority Document No	:10/786,205
(32) Priority Date	:25/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/000437
Filing Date	:07/01/2005
(87) International Publication No	:WO/2005/083551
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)3M INNOVATIVE PROPERTIES COMPANY
Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul, Minnesota 55133-3427 U.S.A.
(72)**Name of Inventor :**
1)GEAGHAN, Bernard O.,;
2)KEEFER, Kenneth J.,;
3)BULAT, Bulent,;

(57) Abstract :

A pattern for linearizing an electric field and a touch sensor incorporating same are disclosed. The touch sensor includes an electrically resistive film that covers a touch sensitive area. The touch sensor further includes two or more substantially parallel polygonal rows of electrically conductive segments disposed on the resistive film and surrounding the touch sensitive area. Each edge of each row has one or more middle electrically conductive segments disposed between two end electrically conductive segments. Gaps separate adjacent conductive segments in a row. A middle conductive segment in a row fully overlaps a middle conductive segment in an adjacent row. The overlap defines a full overlap region. The touch sensor further includes a discrete electrically insulative segment disposed in the resistive film in the full overlap region. The insulative segment increases the electrical resistance between the two middle conductive segments.

(54) Title of the invention : SWITCHING DEVICE WITH A DISCONNECTION AND/OR GROUNDING FUNCTION

(51) International classification	:H01H31/00,H02B13/035	(71) Name of Applicant :
(31) Priority Document No	:04405113.4	1)ABB TECHNOLOGY AG
(32) Priority Date	:27/02/2004	Address of Applicant : Affolternstrasse 44, CH-8050 Zurich Switzerland
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/CH2005/000111	1)PAVLOVIC, Bojan
Filing Date	:25/02/2005	2)BLEIKER, Daniel
(87) International Publication No	:WO/2005/083732	3)SOLOGUREN-SANCHEZ, Diego
(61) Patent of Addition to Application Number	:NA	4)HOLAUS, Walter
Filing Date	:NA	5)WIESER, Martin
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The switching device contains an encapsulating housing (1) filled with insulating gas. A grounding contact (14) and a disconnector contact (15) are held in stationary fashion in the interior of the housing (1). In addition, a moveable contact element (9), which can be displaced along an axis (8) and can be brought into or out of engagement with at least one of the two contacts (14, 15), is arranged in the housing interior. A drive (13), which is guided through the wall of the housing (1) and can have force applied to it from the outside, acts on the moveable contact element (9). This drive (13) has a retaining element (12), which can be displaced along the axis (8) and is guided radially in the conductor tube (11). The moveable contact element (9) comprises at least one of two contact tubes (9", 9" I), which can preferably be detachably connected to the retaining element (12). A first one (9") of the two contact tubes forms the mating contact of a grounding device (E) containing the grounding contact (14), and a second one (9") forms the mating contact of a disconnector (T) containing the disconnector contact (15). This switching device can easily be retrofitted by adding or removing the contact tubes (91, 91 ") such that it can perform the functions of disconnection and grounding, only disconnection or only grounding, depending on requirement"s.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3075/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LOCATOR TOOL ASSEMBLY FOR PAINT REPLACEMENT FILMS

(51) International classification	:B65H37/00,B62D65/06	(71) Name of Applicant :
(31) Priority Document No	:60/546,792	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:23/02/2004	Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul,
(33) Name of priority country	:U.S.A.	Minnesota 55133-3427 U.S.A.
(86) International Application No	:PCT/US2005/005510	(72) Name of Inventor :
Filing Date	:22/02/2005	1)ANDERSON, Gordon L.
(87) International Publication No	:WO/2005/082755	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A locator tool assembly (10) comprising a locator tool (20) capable of being mounted to a vehicle door (200). The tool (20) includes at least one locator projection (42a, 42b) adapted to mount one or more film tabs (104). Each tab (104) forms a removable part of an adhesive-backed film structure (102). The assembly (10) further includes a stripper mechanism (50) associated with the locator tool (20) for use in removing the one or more film tabs (104) from the at least one locator projection (42a, 42b).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3076/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PREVENTION OR TREATMENT OF OSTEOPOROSIS IN PATIENTS WITH INCREASED BONE TURNOVER

(51) International classification	:A61K31/085,A61P19/10	(71) Name of Applicant :
(31) Priority Document No	:10/783,092	1)HORMOS MEDICAL LTD.
(32) Priority Date	:23/02/2004	Address of Applicant : Itainen Pitkakatu 4 B, FI-20520 Turku Finland
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/FI2005/000034	1)BLOM, Taru
Filing Date	:19/01/2005	2)KANGAS, Lauri
(87) International Publication No	:WO/2005/079776	3)LAMMINTAUSTA, Risto
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT This invention relates to a method method for the treatment or prevention of osteoporosis in an individual suffering from increased bone turnover, said method comprising administering to said individual an effective amount of a therapeutically active compound, which is a selective estrogen receptor modulator of the triphenylalkene or triphenylalkane structure.

(54) Title of the invention : ARMATURE FOR A DIRECT CURRENT MOTOR

(51) International classification	:H02K1/24,7/04
(31) Priority Document No	:10 2004 008 936.1
(32) Priority Date	:25/02/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/050228
Filing Date	:20/01/2005
(87) International Publication No	:WO/2005/081380
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Robert Bosch GmbH

Address of Applicant : Postfach 30 02 20, 70442 Stuttgart Germany

(72)Name of Inventor :

1)GROSCH, Werner**2)BITZER, Harold****3)BRAUN, Wilhelm****4)OSER, Jochen****5)RAUSCHNING, Markus**

(57) Abstract :

Armature of a Direct Current Motor Abstract An armature is specified for a direct current motor, particularly for a permanent magnet-energised direct current motor, that has an armature body (19) with armature teeth (20) that are connected to one another as a single piece through a loop back ring (21) and are displaced at the same peripheral angle to one another with one tooth neck (22) respectively for acceptance of an armature winding (25) and a tooth tip (23) that protrudes over the tooth neck (22) in the peripheral direction. For a technically simple and cost-effective axial extension of the armature body (19), a preferably laminated flux conducting element (34) whose profile corresponds to the tooth tip profile, is placed in each case on the front surfaces of the tooth tips (23) that point in an axial direction. (Figure 2).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3078/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : VISUAL WATERMARK IN BOTH DATA AREA AND INNER RING AREA OF RECORD CARRIER

(51) International classification	:G11B20/00	(71)Name of Applicant :
(31) Priority Document No	:04100249.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:23/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050247	(72)Name of Inventor :
Filing Date	:21/01/2005	1)YNTEMA, Gertjan
(87) International Publication No	:WO/2005/071677	
(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 record carrier comprising a data area for storing data in the form of marks, in which the data is encoded by means of a channel code, wherein a parameter of the channel code is controlled so as to introduce a predetermined run length distribution in the marks on the record carrier, thereby introducing first information relating to a watermark, and a non-data area comprising second information relating to a watermark, the first and the second information forming the watermark. This watermark, extending over both the data-area and the inner-ring area and/or the outer-ring area, can be used for checking the authenticity of the record carrier and/or the recordings made on this record carrier. The invention also relates to a method of providing a watermark on such a record carrier.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3079/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR THE ASSEMBLY OF A CAP WITH A RECEPTACLE

(51) International classification :B65D51/00

(31) Priority Document No :A 80/2004

(32) Priority Date :23/01/2004

(33) Name of priority country :Austria

(86) International Application No :PCT/AT2005/000004

Filing Date :14/01/2005

(87) International Publication No :WO/2005/070781

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)GREINER BIO-ONE GMBH

Address of Applicant : Bad Haller Strasse 32, A-4550 Kremsmunster

Austria

(72)Name of Inventor :

1)KONRAD, Franz

(57) Abstract :

The invention relates to a method for the assembly of a cap (20) of a sealing device (9) with an open end (6, 7) of a receptacle (5), to form a storage device (1) for bodily fluids, tissue parts, or tissue cultures, whereby a relative turning or pivoting motion between the cap (20) and the receptacle (5) is carried out about a common longitudinal axis (14). The relative displacement is carried out by exerting a pressure force (F) on at least one of the assembly components, approximately in the direction of the longitudinal axis (14). The invention further relates to a cap (20) to form the sealing device (9), a receptacle (5) and a storage device (1) formed therefrom, comprising at least the cap (20), a sealing device (21) retained therein and the receptacle (5).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3080/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : KV1.5-BLOCKER FOR THE SELECTIVE INCREASE OF ATRIAL CONTRACTILITY AND TREATMENT OF CARDIAC INSUFFICIENCY

(51) International classification :A61K31/4406,31/166,31/44,A61P9/04	(71) Name of Applicant : 1)SANOFI-AVENTIS DEUTSCHLAND GMBH Address of Applicant : Bruningstrasse 50, 65929 Frankfurt Germany
(31) Priority Document No :10 2004 009 931.6	(72) Name of Inventor :
(32) Priority Date :26/02/2004	1)WIRTH, Klaus
(33) Name of priority country :Germany	
(86) International Application No :PCT/EP2005/001422	
Filing Date :12/02/2005	
(87) International Publication No :WO/2005/084675	
(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 the contractility-increasing action of Kv1.5-blockers, especially phenylcarboxylic acid amides of formulae Ia and/or Ib (I), (II) and/or pharmaceutically acceptable salts thereof, for treating reduced atrial contractility and cardiac insufficiency, especially cardiac insufficiency caused by diastolic dysfunction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3081/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OPTICAL INSPECTION FOR CONTAINER LEAN

(51) International classification :G01N21/90,G01B11/27,11/24
(31) Priority Document No :10/765,801
(32) Priority Date :26/01/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/002422
Filing Date :25/01/2005
(87) International Publication No :WO/2005/073699
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)OWENS-BROCKWAY GLASS CONTAINER, INC.
Address of Applicant : One SeaGate, Toledo, OH 43666 U.S.A.
(72)**Name of Inventor :**
1)JUVINALL, John, W.
2)RINGLIEN, James, A.
3)GRAFF, Stephen, M.
4)CHEN, Jie
5)ANDERSON, William, H.

(57) Abstract :

Apparatus for inspecting lean of a container (34) includes a light source (50) positioned beneath a container (34) for directing light energy (60) onto the container bottom (62) as the container is held in position and rotated around an axis (A). A light sensor (54) positioned beneath the container (34) receives portions of the light energy from the source (50) reflected from the container bottom (62). An information processor (56) is coupled to the light sensor (54) for determining, as a combined function of the reflected light energy and container rotation, departure of the container bottom (62) from a plane perpendicular to the axis (A). The container (34) preferably is held in position and rotated around an axis by a drive roller (24) that urges the container (34) against axially spaced backup rollers (26, 28) so as to define an average axis of rotation as a suction of the geometry of the container (34) and spacing between the backup rollers (26, 28).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3082/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR ADJUSTING FUEL INJECTION TIMING

(51) International classification : F02D 41/40

(31) Priority Document No :10/787,991

(32) Priority Date :26/02/2004

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

(86) International Application No :PCT/US2005/004255

Filing Date :08/02/2005

(87) International Publication No :WO/2005/081806

(61) 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 ENGINE INTELLECTUAL PROPERTY
COMPANY, LLC**

Address of Applicant : 4201 Winfield Road, Warrenville, IL 60555 U.S.A.

(72)Name of Inventor :

1)DICKERSON, Steven, J.

2)BEAUCAIRE, James, T.

(57) Abstract :

A method and apparatus for adjusting fuel injection timing detects (401) a change in the number of fuel injections for a combustion chamber (105). During a timing adjustment period, the timing for fuel injection(s) may be adjusted (405) incrementally, e.g., in a series of steps or increments, and/or based at least in part on the time elapsed since the detected of the change in the number of fuel injections.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3083/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROGRAM / METHOD FOR CONVERTING SPREADSHEET MODELS TO CALLABLE, COMPILED ROUTINES

(51) International classification	:go6f	(71)Name of Applicant :
(31) Priority Document No	:60/539,377	1)SAVVYSOFT/OPTIONS UNLIMITED RESEARCH
(32) Priority Date	:26/01/2004	Address of Applicant : 17 State Street, 4th Floor, New York, 10004 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/002588	1)TANENBAUM, Richard
Filing Date	:26/01/2005	
(87) International Publication No	:WO/2005/072381	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A computer program and a method for operating it to convert spreadsheet models into callable, compiled routines. The models are first converted into program code in a language such as C. Then the program code is compiled into computer object code.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3084/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SEALING RING FOR A VEHICLE WHEEL

(51) International classification	:B60C5/16,15/028
(31) Priority Document No	:10 2004 009 379.2
(32) Priority Date	:26/02/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/050107
Filing Date	:12/01/2005
(87) International Publication No	:WO/2005/082642
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Continental Aktiengesellschaft
Address of Applicant : Vahrenwalder Strasse 9, 30165 Hannover Germany
(72)**Name of Inventor :**
1)KIDNEY, Darren

(57) Abstract :

Disclosed is a sealing ring (8) for a vehicle wheel comprising a tubeless tire (1) with two tire beads that are embodied on the radially inward side thereof. The tubeless tire (1) is mounted on the radially outer side of a multipart rim (2) by means of the tire beads thereof. Said vehicle wheel further comprises a sealing ring (8) which seals the tire (1) radially inward towards the rim (2), is positioned on the radially outer side of the rim (2), extends in a peripheral direction along the circumference of the rim (2), and runs between the two tire (1) beads in an axial direction. The invention is characterized in that the sealing ring (8) is configured with a central ring member which is provided with a cylindrical inner surface that is to rest on the outer surface of rim while being embodied with one respective concentric flexible annular leg which is located on both axial sides of the central ring member and extends diagonally and radially outward in an axial direction from the central ring member. Moreover, deformable sealing elements which extend along the circumference of the annular leg on the radially inward-facing surface thereof are configured on the end of the leg that faces away from the central ring member.

(54) Title of the invention : VEHICLE SUPPLEMENTAL HEATING SYSTEM

(51) International classification	:B60H1/02
(31) Priority Document No	:60/547,814
(32) Priority Date	:26/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006545
Filing Date	:28/02/2005
(87) International Publication No	:WO/2005/082653
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)VENTECH, LLC

Address of Applicant : 29769 Anthony Drive, Wixom, MI 48393 U.S.A.

(72)Name of Inventor :

1)SANGER, Jeremy, J.**2)GARAVOGLIA, Franco**

(57) Abstract :

A preferred embodiment supplemental heating system is fluidly connectable to a vehicle cooling system (20) and includes a liquid heat generator operable for heating a cooling fluid delivered to the supplemental heating system (58) from the vehicle's cooling system. The liquid heat generator includes a discharge passage connectable to a heater core (52) of the vehicle and an inlet passage connectable to the vehicle's cooling system. The supplemental heating system further includes a control valve (34) having an inlet connectable to an exit passage of a heater core of the vehicle, a discharge passage fluidly connected to the liquid heat generator, and a second discharge passage connectable to the vehicle's cooling system. The control valve is operable for controlling the proportion of cooling fluid exiting the heater core that is returned to the vehicle's cooling system and recirculated back to the liquid heat generator.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3086/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : X-SPRING VOLUME COMPENSATOR FOR AUTOMOTIVE CARBON CANISTER

(51) International classification	:B01D53/04,F02M33/02	(71)Name of Applicant :
(31) Priority Document No	:10/788,752	1)DAYCO PRODUCTS, LLC
(32) Priority Date	:26/02/2004	Address of Applicant : 1 Prestige Place, Miamisburg, OH 45342 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/005464	1)ALLEN, Christopher, D.
Filing Date	:22/02/2005	2)DUMAS, James, T.
(87) International Publication No	:WO/2005/082490	3)GEPPER, Donald, L.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A fuel vapor storage canister is provided. The canister (10) includes a vapor storage chamber of variable volume, a partition (22), vapor adsorbing material (20), and a volume compensator. The partition (22) is movable within the canister (10) and partially defines the vapor storage chamber. The vapor adsorbing material (20) is located in the vapor storage chamber. The volume compensator includes a spring (30) having at least three legs (32, 34) that are deflected by and exert pressure against the movable partition (22) to control the volume of the vapor storage chamber. In one embodiment, the legs (32, 34) of the spring (30) may be evenly spaced to exert a balanced pressure. The spring (30) may include two pairs of opposing legs (32, 34), where the spring rate between the pairs of legs may vary. The spring (30) may be comprised of two angularly offset band springs and may be formed from a unitary member.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3087/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :24/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AMBULATORY PHYSIOLOGICAL MONITOR HAVING A PATIENT-ACTIVATED EMERGENCY ALERT CANCELLATION FEATURE

(51) International classification	:A61B5/00	(71) Name of Applicant :
(31) Priority Document No	:60/548,026	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:26/02/2004	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050429	(72) Name of Inventor :
Filing Date	:01/02/2005	1)RUSSELL, James, Knox
(87) International Publication No	:WO/2005/084532	2)LYSTER, Thomas, Dean
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ambulatory physiological monitor (10) is provided. The monitor includes at least one sensor for detecting at least one physiological parameter of a patient and a housing (42) adapted to be secured to the patient. A circuit (50) is located in the housing for receiving and processing a signal representative of the physiological parameter from the sensor to generate recordable physiological data and for determining if the data exceeds a preestablished alarm limit. An event indicator (12) is coupled to the housing for notifying the patient when the alarm limit has been exceeded. A wireless transmitter (28), operationally coupled to the circuit, is located in the housing for transmitting an emergency notification when the alarm limit has been exceeded. A patient-operable actuator (22) is coupled to the housing for preventing transmission of the emergency notification by the wireless transmitter upon activation by the patient within a predetermined time after the alarm limit has been exceeded.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3088/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FEEDBACK CONTROL LOOP FOR BIT DETECTION IN AN N-DIMENSIONAL DATA BLOCK

(51) International classification	:G11B20/10,G11B20/18
(31) Priority Document No	:04100273.4
(32) Priority Date	:26/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050263
Filing Date	:24/01/2005
(87) International Publication No	:WO/2005/074176
(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)BERGMANS, Johannes W., M.

2)IMMINK, Albert, H., J.

3)RIANI, Jamal

4)COENE, Willem, M., J., M.

5)VAN BENEDEN, Steven, J-M., L.

6)CIACCI, Massimo

7)NOWBAKHT, IRANI, Ali

8)IMMINK, Albert, H., J.

(57) Abstract :

On existing DVD and CD players a control loop is required for the adaptation and timing recovery. For Two-Dimensional Optical Storage such a control loop has drawbacks because PRML detection in the form of a stripe-wise Viterbi detector is used. Such a detector introduces an increasing detection delay when going from the outer rows towards the center of the broad spiral. A feedback loop is arranged to determine an error signal from a first area of the data block where the first area is that area where the error signal can be determined within the shortest period of time. This reduces the duration of the detection step and thus increases the stability of the control loop.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3089/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR CRYPTOGRAPHICALLY PROCESSING DATA

(51) International classification :H04L9/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2004/004117

Filing Date :13/02/2004

(87) International Publication No :WO/2005/088893

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PSYCRYPT, INC.

Address of Applicant : Suite 213, 2635 North First Street, San Jose, CA
95139 U.S.A.

(72)Name of Inventor :

1)WATANABE, Masashi

(57) Abstract :

A method and apparatus cryptographically process data including a plurality of data segments. The cryptographic process includes (a) receiving a plurality of data segments (100), (b) selecting, for each data segment, a set of encryption information based on data contained in a predetermined portion of the data segment to be encrypted (102, 104), and (c) encrypting each data segment using the set of encryption information selected for the data segment (106). At least one of an encryption algorithm, an encryption key, and an encryption parameter may be changed for each data segment based on the data contained in the predetermined portion. The predetermined portion may include a first predetermined portion for selecting a first set of encryption information, and a second predetermined portion for selecting a second set of encryption information, the encryption information including an encryption algorithm, an encryption key, and optionally an encryption parameter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3090/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :21/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : INFORMATION CARRIER AND APPARATUS

(51) International classification	:G11B 27/30	(71)Name of Applicant :
(31) Priority Document No	:03076563.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:21/05/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:	(72)Name of Inventor :
Filing Date	PCT/IB2004/050667	1)BLUM Martinus W
	:13/05/2004	
(87) International Publication No	:WO/2004/105036	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an information carrier 10 comprising a main channel and an auxiliary channel carrying position information 21, according to which some of the least significant bits of the position information 21 are made available as local-position information 22 at a higher rate than the whole position information 21. The information carrier can be in particular an optical disk of recordable type, wherein the auxiliary channel is the wobble channel and the position information 21 is an address. An embodiment of the invention is described of an optical disc based on Blue-ray Disk standard. When an estimate of the current address is already available and the uncertainty only resides in some of the least significant bits, the entire address can be quickly reconstructed as soon as a repetition of the local-position information 22 is acquired. The invention further relates to an apparatus for accessing such an information carrier 10.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3090/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TAMPER EVIDENT CLOSURES

(51) International classification

:B65D1/02

(31) Priority Document No

:2004/0618

(32) Priority Date

:27/01/2004

(33) Name of priority country

:South Africa

(86) International Application No

:PCT/ZA2004/000162

Filing Date

:23/12/2004

(87) International Publication No

:WO/2005/070771

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HUMAN, Jan, Petrus

Address of Applicant : 15 Lobelia Street, 7130 Somersset West South Africa

(72)Name of Inventor :

1)HUMAN, Jan, Petrus

(57) Abstract :

Preforms (90) from which bottles can be blown are disclosed. Each disclosed preform has a body, a flange (92) encircling the body and a band (94) protruding from the body. The flange (92), the band (94) and the part of the body above the flange (92) define a trough (106). When a cap (102) is fitted, the ring (112) which is joined to the remainder of the cap's skirt along a weakened line (108), as well as the weakened line and the adjacent part of the remainder of the skirt (104), enter the trough. The band (94) can be heat shrunk onto the ring (112).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3091/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :21/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : DEVICE AND METHOD OF COMPENSATING THE DISTORTIONS IN OPTICAL DATA CARRIER SCANNING

(51) International classification	:G11B 20/22	(71) Name of Applicant :
(31) Priority Document No	:03300018.3	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:21/05/2003	Address of Applicant :Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	(NL) Netherlands
(86) International Application No	:PCT/IB2004/001646	(72) Name of Inventor :
Filing Date	:12/05/2004	1)PADIY, Alexander
(87) International Publication No	:WO/2004/105029	2)LEE, Juil
(61) Patent of Addition to Application Number	:NA	3)LEE, Juil
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a new class of schemes for simultaneously compensating readout channel distortions in optical storage systems, such as defocus, spherical aberrations, optical data carrier tangential tilt, and radial tilt. The use of cascaded adaptive filtering steps applied to the readout data signal is proposed. A first adaptive phase-filtering step (WAP), dedicated to the compensation of the non-linear phase distortion caused by the tangential tilt, is made adaptive to a measure of the tangential tilt. A second adaptive amplitude-filtering step, dedicated to the compensation of amplitude channel frequency response distortions caused by tangential tilt as well as other channel distortions such as the defocus and the spherical aberration or other types of distortions which influence mainly only the amplitude frequency response of the channel, is made adaptive to an adaptation signal (ADS) generated by an adaptation step (ADAPT) defining a set of coefficients defining a filter used in this second filtering step, in minimizing an error between the output data signal and a target data signal, such as a least mean squares (LMS) error-based algorithm or zero-forcing (ZF) adaptation algorithm. Use : Optical reader/writer

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3091/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARATUS FOR TREATING SOLUTIONS OF HIGH OSMOTIC STRENGTH

(51) International classification	:B01D63/12
(31) Priority Document No	:60/547,500
(32) Priority Date	:25/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/006224
Filing Date	:25/02/2005
(87) International Publication No	:WO/2005/082497
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)DOW GLOBAL TECHNOLOGIES, INC.
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48674 U.S.A.

(72)**Name of Inventor :**
1)MICKOLS, William, E.
2)MARSH, Allyn, R.
3)PEERY, Martin, H.
4)BUSCH, Markus
5)JONS, Steven, D.
6)MCCLELLAN, Stuart

(57) Abstract :

The present invention pertains to an apparatus and method for treating a solution of high osmotic strength, especially seawater and solutions of greater than 20 bar osmotic pressure, by passing the solution through a vessel containing spiral wound reverse osmosis or nanofiltration elements. The vessel contains at least three elements in series and at least two of these elements have standard specific fluxed that differ by at least 50%. The invention allows a more even flux distribution within a filtration system to be obtained, and it may advantageously be combined with variations en element construction and feed spacers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3093/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :21/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : TUMOR ANTIGENS FOR PREVENTION AND/OR TREATMENT OF CANCER

(51) International classification :C07K 14/47

(31) Priority Document No :60/471,119

(32) Priority Date :16/05/2003

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

(86) International Application No :PCT/US04/15202

Filing Date :15/05/2004

(87) International Publication No :WO

/2004/104039 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)SANFOFI PASTEUR, INC.

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U.S.A.

(72)Name of Inventor :

1)BERINGSTEIN NEIL

2)LOVITRT, COREY

3)PARRINGTON, MARK

4)RADVANYI, LASZLO

5)SINGH-SANDHU

(57) Abstract :

ABSTRACT The present invention relates to a nucleic acid encoding a polypeptide and the use of the nucleic acid or polypeptide in preventing and/or treating cancer. In particular, the invention relates to improved vectors for the insertion and expression of foreign genes encoding tumor antigens for use in immunotherapeutic treatment of cancer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3093/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL COMPOUNDS AS INHIBITORS OF HEPATITIS C VIRUS NS3 SERINE PROTEASE

(51) International classification :C07D209/52,403/12,401/12,409/12,417/12
(31) Priority Document No :60/548,507
(32) Priority Date :27/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005772
Filing Date :24/02/2005
(87) International Publication No :WO/2005/087721
(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)VENKATRAMAN, Srikanth

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3)BLACKMAN, Melissa, L.

4)WU, Wanli

5)NAIR, Latha, G.

6)ARASAPPAN, Ashok

7)BOGEN, Stephane, L.

8)CHEN, Kevin, X.

9)SANNIGRAHI, Mousumi

10)BENNETT, Frank

11)GIRIJAVALLABHAN, Viyyoor, M.

(57) Abstract :

ABSTRACT The present invention disclosed novel compounds which have HCV protease inhibitory activity as well as methods for preparing such compounds. In another embodiment, the invention discloses pharmaceutical compositions comprising such compounds as well as methods of using them to treat disorders associated with the HCV protease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3094/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL KETOAMIDES WITH CYCLIC P4'S AS INHIBITORS OF NS3 SERINE PROTEASE OF HEPATITIS C VIRUS

(51) International classification :C07D417/12,513/04,401/12,209/52,C07K5/08

(31) Priority Document No :60/548,506

(32) Priority Date :27/02/2004

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

(86) International Application No :PCT/US2005/005924

Filing Date :24/02/2005

(87) International Publication No :WO/2005/085242

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SCHERING CORPORATION

Address of Applicant : Patent Department K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, New Jersey 07033-0530 U.S.A.

(72)Name of Inventor :

1)CHEN, Kevin, X.

2)NJOROGE, F., George

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5)YANG, Weiying

6)VIBULBHAN, Bancha

7)VENKATRAMAN, Srikanth

8)ARASAPPAN, Ashok

9)BOGEN, Stephane, L.

10)BENNETT, Frank

11)GIRIJAVALLABHAN, Viyyoor, M.

(57) Abstract :

The present invention discloses novel compounds which have HCV protease inhibitory activity as well as methods for preparing such compounds. In another embodiment, the invention discloses pharmaceutical compositions comprising such compounds as well as methods of using them to treat disorders associated with the HCV protease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3095/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CRYSTALLINE FORMS OF A PHARMACEUTICAL COMPOUND

(51) International classification :C07H19/23,A61K31/7056,A61P25/16
(31) Priority Document No :PA200400326
(32) Priority Date :27/02/2004
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2005/000127
Filing Date :24/02/2005
(87) International Publication No :WO/2005/082920
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)H. LUNDBECK A/S

Address of Applicant : Ottiliavej 9, DK-2500 Valby - Copenhagen
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(72)Name of Inventor :

1)ROCK, Michael, Harold

2)LOPEZ DE DIEGO, Heidi

3)CHRISTENSEN, Kim, Lasse

4)NIELSEN, Ole

5)BUUR, Anders

6)HOWELLS, Mark

(57) Abstract :

Described are crystalline forms of the pharmaceutical compound "[9S-(9a,10B,12a)]-5,16-Bis[(ethylthio)methyl]-2,3,9,10,11,12-hexahydro-10-hydroxy-9-methyl-1-oxo-9,12-epoxy-1H-diindolo[1,2,3-fg:3",2",1"-kl]pyrrolo[3,4-i][1,6]benzodiazocine-10-carboxylic acid methyl ester", as well as methods for their use and preparation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3096/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUTOMATIC RESET DEVICE PARTICULARLY FOR RESIDUAL CURRENT-OPERATED CIRCUIT BREAKERS AND THE LIKE

(51) International classification	:H02H3/33,3/06
(31) Priority Document No	:04425125.4
(32) Priority Date	:27/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/001993
Filing Date	:25/02/2005
(87) International Publication No	:WO/2005/086310
(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)BOSATELLI, Domenico

2)CONTARDI, Augusto

(57) Abstract :

An automatic reset device, particularly for residual current-operated circuit breakers and the like, comprising an actuator (10) for automatically resetting a residual current-operated circuit breaker (2) that is connected to an electrical line (8, 9), upstream of a load; control means (1) for actuating the actuator (10), the control means being connected upstream of the residual current-operated circuit breaker and downstream of the residual current-operated circuit breaker, upstream of the load, in order to bypass the residual current-operated circuit breaker when the residual current-operated circuit breaker is released, the control means including a circuit (20) for checking the connection of the reset device to the electrical line and a circuit (23) for detecting leakage current, in order to check for the presence of a leakage current, before actuating the actuator to automatically reset the residual current-operated circuit breaker.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3097/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LEAK-RESISTANT SOLENOID VALVES

(51) International classification	:F16K31/02,31/06
(31) Priority Document No	:2,459,088
(32) Priority Date	:27/02/2004
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2005/000246
Filing Date	:22/02/2005
(87) International Publication No	:WO/2005/083309
(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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Canada
(72)**Name of Inventor :**
1)PERIC, Yuri
2)BRITTON, Mark James

(57) Abstract :

A leak resistant solenoid valve comprises a valve body having an interior chamber, an inlet, an outlet, and at least one valve seat and valve plug located in the interior chamber. The valve plug has a sealing surface and is axially movable between open and closed positions by a solenoid which acts on the valve shaft on which the plug is carried. The valve further comprises a plug actuating mechanism for moving the plug between the open and closed positions with the solenoid energized and a biasing mechanism for biasing the plug back to the open position when the solenoid is de-energized. The plug is preferably loosely received on the shaft so as to provide self-centering. In one embodiment, the valve has a pair of valve plugs and a pair of valve seats, the seats being axially fixed to one another and the distance between the plugs being variable to provide enhanced sealing.

(54) Title of the invention : A METHOD OF PROVIDING A PURIFIED, VIRUS SAFE ANTIBODY PREPARATION

(51) International classification	:C07K16/06,A61L2/00	(71)Name of Applicant :
(31) Priority Document No	:60/548,107	1)OCTAPHARMA AG
(32) Priority Date	:27/02/2004	Address of Applicant : Seidenstrasse 2, CH-8853 Lachen Switzerland
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/050812	1)BUCHACHER, Andrea
Filing Date	:25/02/2005	2)IBERER, Gunther
(87) International Publication No	:WO/2005/082937	3)ROMISCH, Jurgen
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of preparing a purified, virus inactivated and virus safe antibody preparation from a starting solution comprising antibodies and contaminants, the method comprising the steps of: (a) adjusting the pH of the starting solution to about 4.6 to about 4.95 in particular to about 4.8 to about 4.95 to produce an intermediate solution; (b) adding caprylate and/or heptanoate ions to the intermediate solution and maintaining the pH at about 4.6 to about 4.95 in particular pH at about 4.8 to about 4.95, whereby a precipitate is formed and the antibodies are essentially present in the supernatant; (c) incubating the supernatant solution under conditions of caprylate and/or heptanoate ion concentration, time, pH and temperature optionally concentrating and diafiltrating the filtrated solution before pH adjustment; (d) applying the filtered solution with a least one anion exchange resin and optionally with two different anion exchange resins under conditions that allow binding of contaminants to the resin while not allowing significant binding" of the antibodies to the resin, wherein a purified, virus inactivated and virus safe antibody preparation is produced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3099/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ISOTHIIOUREA DERIVATIVES

(51) International classification :C07D277/42,513/04,A61K31/429,31/425
(31) Priority Document No :0404434.3
(32) Priority Date :27/02/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/002014
Filing Date :25/02/2005
(87) International Publication No :WO/2005/085219
(61) Patent of Addition to
Application Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland
(72)**Name of Inventor :**
1)GLICKMAN, Fraser
2)STREIFF, Markus
3)THOMA, Gebhard
4)ZERWES, Hans-Gunter

(57) Abstract :

The present invention relates to isothioureia derivatives, processes for their production, their uses, in particular in transplantation, autoimmune or infectious diseases, and pharmaceutical compositions containing them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3100/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR RECOVERING ORGANIC COMPOUNDS FROM AQUEOUS STREAMS CONTAINING SAME

(51) International classification	:C07B63/00,C07C51/48,29/86,227/40	(71)Name of Applicant :
(31) Priority Document No	:60/548,404	1)DOW GLOBAL TECHNOLOGIES INC.
(32) Priority Date	:27/02/2004	Address of Applicant : Washington Street, 1790 Building, Midland, MI
(33) Name of priority country	:U.S.A.	48674 U.S.A.
(86) International Application No	:PCT/US2005/005308	(72)Name of Inventor :
Filing Date	:18/02/2005	1)FRANK, Timothy, C.
(87) International Publication No	:WO/2005/087692	2)DONATE, Felipe, A.
(61) Patent of Addition to Application	:NA	3)THYNE, Thomas, C.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for a liquid-liquid extraction of hydrophilic organic compounds from aqueous solutions thereof is described. The method generally includes intermixing a sufficient quantity of a specified glycol ether with the aqueous liquor at a first temperature to form a suspension comprising an aqueous raffinate phase and a glycol ether extract phase; separating the glycol ether extract phase from the aqueous raffinate phase; heating the glycol ether extract phase to a second, higher temperature to form a suspension comprising an aqueous extract phase containing a portion of the hydrophilic organic compound and a glycol ether raffinate phase; and separating this glycol ether raffinate phase from the aqueous extract phase. The selected glycol ether has an inverse solubility in water and the partition ratio, value K, for the hydrophilic organic compound is greater than 0.1. This method is useful for recovering valuable hydrophilic organic acids produced via fermentation or produced or used in various manufacturing processes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3101/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND DEVICE FOR THE PRODUCTION OF POLYESTERS AND COPOLYESTERS

(51) International classification	:C08G63/78,B01D5/00	(71)Name of Applicant :
(31) Priority Document No	:10 2004 010 146.9	1)ZIMMER AKTIENGESELLSCHAFT
(32) Priority Date	:27/02/2004	Address of Applicant :Borsigallee 1, 60388 Frankfurt am Main Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/014214	1)WILHELM, Fritz
Filing Date	:14/12/2004	2)DEISS, Stefan
(87) International Publication No	:WO/2005/082970	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed is a method for producing polyesters by means of esterification or re-esterification, precondensation of the esterified/re-esterified product, and polycondensation of the precondensed product at a pressure of 0.2 to 500 mbar and a temperature of 230 to 330 °C. According to said method, the vapors formed during precondensation and polycondensation are condensed and the obtained cooled diol is redirected into the condensation stage. In order to improve the degree of separation, the vapors are directed into a bottomless direct contact condenser, the base of which is immersed into the top funnel-shaped section of a barometrically dipped downpipe so as to form an annular space, cooled diol is sprayed into the vapors in the top section of the direct contact condenser, the remaining vapors are recovered via the annular space, and the formed polymer aggregates are removed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3102/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BISPHOSPHONIC ACID FOR THE TREATMENT AND PREVENTION OF OSTEOPOROSIS

(51) International classification	:A61K31/663,A61K9/20,A61K9/28	(71)Name of Applicant :
(31) Priority Document No	:02010136.6	1)F. HOFFMANN-LA ROCHE AG
(32) Priority Date	:10/05/2002	Address of Applicant : Grenzacherstrasse 124, CH-4070 Basel
(33) Name of priority country	:EUROPEAN UNION	Switzerland
(86) International Application No	:PCT/EP2003/004629	(72)Name of Inventor :
Filing Date	:02/05/2003	1)BAUSS, Frieder;
(87) International Publication No	:WO/2003/095029	2)PICHLER, Bernhard;
(61) Patent of Addition to Application		3)TURLEY, Stephen;
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:2194/CHENP/2004	
Filed on	:02/05/2003	

(57) Abstract :

The present invention refers to the use of bisphosphonic acids or pharmaceutically acceptable salts thereof for the manufacture of medicaments for the prevention or the treatment of disorders characterized by pathologically increased bone resorption, especially for the prevention and treatment of osteoporosis.

(54) Title of the invention : PYRROLE-DERIVATIVES AS FACTOR XA INHIBITORS

(51) International classification	:C07D413/14,401/12,401/14,A61K31/4025	(71)Name of Applicant :
(31) Priority Document No	:04004503.1	1)SANOFI-AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:27/02/2004	Address of Applicant : Bruningstrasse 50, D-65929 Frankfurt Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/001423	1)BAUER, Armin
Filing Date	:12/02/2005	2)WAGNER, Michael
(87) International Publication No	:WO/2005/085239	3)NAZARE, Marc
(61) Patent of Addition to	:NA	4)WEHNER, Volkmar
Application Number	:NA	5)URMANN, Matthias
Filing Date	:NA	6)MATTER, Hans
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to compounds of the formulae (I) and (Ia), wherein R0; R1; R3; R4; R22, Q; V, G and M have the meanings indicated in the claims. The compounds of the formulae (I) and (Ia) are valuable pharmacologically active compounds. They exhibit a strong antithrombotic effect and are suitable for the therapy and prophylaxis of cardiovascular disorders like thromboembolic diseases or restenoses. They are reversible inhibitors of the blood clotting enzymes factor Xa (FXa) and/or factor VIIa (FVIIa), and can in general be applied in conditions in which an undesired activity of factor Xa and/or factor VIIa is present or for the cure or prevention of which an inhibition of factor Xa and/or factor VIIa is intended. The invention furthermore relates to processes for the preparation of compounds of the formulae (I) and (Ia), their use, in particular as active ingredients in pharmaceuticals, and pharmaceutical preparations comprising them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3104/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR REDUCING THE LEVEL OF HARMFUL SUBSTANCES IN TOBACCO LEAVES

(51) International classification	:A24B15/18
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IT2004/000018
Filing Date	:27/01/2004
(87) International Publication No	:WO/2005/070239
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CIUFFO GATTO S.R.L.
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(72)**Name of Inventor :**
1)LEO, Franca

(57) Abstract :

Abstract The process for reducing the level of harmful substances in tobacco leaves comprises the following steps: steeping the leaves in a water bath at a temperature of between 13°C and 25°C for between 4 and 12 hours, cooling the leaves to a temperature not higher than -35 C; and gradually heating the leaves at an average rate of not more than 2.0°C/h up to a temperature of at least 35°C.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3105/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INDAZOLE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

(51) International classification :C07D231/56,A61K31/416,A61P25/28,29/00

(31) Priority Document No :60/548,585

(32) Priority Date :27/02/2004

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

(86) International Application No:PCT/EP2005/001816

Filing Date :22/02/2005

(87) International Publication No :WO/2005/085206

(61) Patent of Addition to :NA

Application Number :NA

Filing Date :NA

(62) Divisional to Application :NA

Number :NA

Filing Date :NA

(71)Name of Applicant :

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Address of Applicant : Grenzacherstrasse 124, CH-4070 Basel
Switzerland

(72)Name of Inventor :

1)ARORA, Nidhi

2)GABRIEL, Tobias

3)GOLDSTEIN, David, Michael

4)TREJO-MARTIN, Teresa, Alejandra

(57) Abstract :

Compounds of Formula (I), or pharmaceutically acceptable salts, solvates or prodrugs thereof, wherein m, k, B, R1, R2 and R3 are those defined herein, and compositions comprising the same. Also provided are methods for preparing compounds of formula (I) and using the same in treating p38 mediated disorders in a patient.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3106/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR PRODUCING ALKYL LITHIUM COMPOUNDS AND ARYL LITHIUM COMPOUNDS BY MONITORING THE REACTION BY MEANS OF IR-SPECTROSCOPY

(51) International classification	:C07F1/02	(71) Name of Applicant :
(31) Priority Document No	:10 2004 009 445.4	1)CHEMETALL GMBH
(32) Priority Date	:27/02/2004	Address of Applicant : Trakehner Strasse 3, D-60487 Frankfurt Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/001954	1)WEISS, Wilfried
Filing Date	:24/02/2005	2)DAWIDOWSKI, Dirk
(87) International Publication No	:WO/2005/082911	3)PLEYER, Walter
(61) Patent of Addition to Application Number	:NA	4)KRUCKEL, Frank
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for producing alkyl lithium compounds and aryl lithium compounds by reacting lithium metal with alkyl or aryl halogenides in a solvent, the concentration of the alkyl/aryl halogenide and the alkyl/aryl lithium compound being detected according to an in-line measurement in the reactor by means of IR spectroscopy, and an exact recognition of the end point of the dosing of the halogenide constituents being carried out by evaluation of the IR measurement. Said method enables an optimum reactive process and reaction yield. The identification of the respective concentration of the educt and the product is a reliable reactive process. The yield of the reaction is also optimised by determining the end point of the halogenide dosing, as is the purity of the product due to a lower concentration thereof during the reaction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3107/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUSED DERIVATIVES OF PYRAZOLE

(51) International classification	:C07D487/04,471/04
(31) Priority Document No	:60/548,583
(32) Priority Date	:27/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/001936
Filing Date	:24/02/2005
(87) International Publication No	:WO/2005/085249
(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)ARORA, Nidhi

2)BILLEDEAU, Roland, J.

3)DEWDNEY, Nolan, James

4)GABRIEL, Tobias

5)GOLDSTEIN, David, Michael

6)O'YANG, Counde

7)SOTH, Michael

(57) Abstract :

Compounds of the formula (Ia), (Ib) or (Ic), wherein A, B, X, Y, Z, W, k, R1, R2, R3, R4 and R5 are those defined herein, and compositions comprising the same. The present invention also provides methods for preparing said compounds and using the same in treating p38 mediated disorders in a subject.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3108/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL COMPOUNDS AS INHIBITORS OF HEPATITIS C VIRUS NS3 SERINE PROTEASE

(51) International classification :C07D209/00
(31) Priority Document No :60/548,535
(32) Priority Date :27/02/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/005773
Filing Date :24/02/2005
(87) International Publication No :WO/2005/087725
(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)SCHERING CORPORATION

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(72)Name of Inventor :

1)ARASAPPAN, Ashok

2)NJOROGGE, F., George

3)PADILLA-ACEVEDO, Angela, I.

4)CHEN, Kevin, X.

5)BENNETT, Frank

6)SANNIGRAHI, Mousumi

7)BOGEN, Stephane, L.

8)VENKATRAMAN, Srikanth

9)JAO, Edwin

10)SAKSENA, Anil, K.

11)GIRIJAVALLABHAN, Viyyoor, M.

(57) Abstract :

Abstract The present invention discloses novel compounds which have HCV protease inhibitory activity as well as methods for preparing such compounds. In another embodiment, the invention discloses pharmaceutical compositions comprising such compounds as well as methods of using them to treat disorders associated with the HCV protease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3109/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SULFUR COMPOUNDS AS INHIBITORS OF HEPATITIS C VIRUS NS3 SERINE PROTEASE

		(71)Name of Applicant :
		1)SCHERING CORPORATION
		Address of Applicant : Patent Department K-6-1 1990 2000 Galloping Hill Road, Kenilworth, New Jersey 07033-0530 U.S.A.
		(72)Name of Inventor :
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		2)LOVEY, Raymond, G.
		3)HUANG, Yuhua
		4)HENDRATA, Siska
		5)SAKSENA, Anil, K.
		6)BOGEN, Stephane, L.
		7)LIU, Yi-Tsung
		8)NJOROGGE, F., George
		9)VENKATRAMAN, Srikanth
		10)CHEN, Kevin, X. [US/US];
		11)SANNIGRAHI, Mousumi
		12)ARASAPPAN, Ashok
		13)GIRIJAVALLABHAN, Viyyoor, M.
		14)VELAZQUEZ, Francisco
		15)NAIR, Latha
(51) International classification	:C07D209/52,209/56,491/04,C07K5/08,7/02	
(31) Priority Document No	:60/548,670	
(32) Priority Date	:27/02/2004	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/005795	
Filing Date	:24/02/2005	
(87) International Publication No	:WO/2005/087731	
(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 novel compounds which have HCV protease inhibitory activity as well as methods for preparing such compounds. In another embodiment, the invention discloses pharmaceutical compositions comprising such compounds as well as methods of using them to treat disorders associated with the HCV protease.

(54) Title of the invention : A POLYFUNCTIONAL SUB-ASSEMBLY FOR CONTACT, MATERIAL DISTRIBUTION AND HEAT AND/OR MATERIAL EXCHANGE OF AT LEAST ONE GAS PHASE

(51) International classification	:B01 J 8/02	(71)Name of Applicant :
(31) Priority Document No	:00/05.020	1)INSTITUT FRANCAIS DU PETROLE
(32) Priority Date	:17/04/2000	Address of Applicant :1 & 4 AVENUE DE BOIS-PREAU, 92852 RUEIL
(33) Name of priority country	:France	MALMAISON. France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HARTER ISABELLE
(87) International Publication No	: NA	2)AGOERO ROBERT
(61) Patent of Addition to Application Number	:NA	3)GAUTHIER THIERRY
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a polyfunctional sub-assembly ensuring contact, material distribution and heat and/or material exchange of at least one gas phase, at least a portion of which is hydrogen, and at least one liquid phase, for a vessel containing at least one bed of granular solid, said phases being in overall downflow mode and traversing said bed of granular solid, said sub-assembly comprising at least one distributor tray located above the bed of granular solid, comprising a plurality of downcomers each surmounted by at least one jet disturber device and each having in its upper portion at least one cross section of flow for entry of the major portion of said gas phase into said downcomer and, between said upper portion and the lower portion of said downcomer above tray, at least one cross section of flow for entry of the major portion of said liquid phase into said downcomer, and in its lower portion at least one cross section of flow for the two-phase or poly-phase mixture formed in said downcomer for distributing it over the bed of granular solid located below said lower portion, the sub-assembly being characterized in that each downcomer contains at least one packing between its upper portion and its lower portion constituted by at least one element the cross section for flow of which is essentially transverse to the downcomer axis, said element extending across the whole of the transverse cross section of the downcomer in the circulation zone and being constituted by cells through which said liquid and said gas phase pass, said cells orientating the circulation of fluids inside said downcomer in a substantially radial direction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3110/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PEPTIDES OF IL1 BETA AND TNF ALPHA AND METHOD OF TREATMENT USING SAME

(51) International classification	:A61K38/08,C07K14/00	(71) Name of Applicant :
(31) Priority Document No	:60/547,848	1)VAXCONSULTING
(32) Priority Date	:27/02/2004	Address of Applicant : VAXCONSULTING., c/o ZAGURY, 117, rue
(33) Name of priority country	:U.S.A.	Vieille du Temple, F-75003 Paris France
(86) International Application No	:PCT/US2005/005890	(72) Name of Inventor :
Filing Date	:25/02/2005	1)ZAGURY, Jean-Francois
(87) International Publication No	:WO/2005/084198	2)BOISSIER, Marie-Christophe
(61) Patent of Addition to Application Number	:NA	3)BESSIS, Natacha
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to peptides derived from the proinflammatory cytokines, interleukin-1 β , (IL1 β) and tumor necrosis factor α , (TNF α), and their use in human or veterinary therapy, such as to generally treat diseases linked to the overproduction of IL1 β or TNF α ; as well as acute or chronic inflammatory diseases, rheumatoid arthritis, septic shock, autoimmune diabetes, graft rejection in the host, etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3111/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :23/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUB-MICRON PLANAR LIGHTWAVE DEVICES FORMED ON AN SOI OPTICAL PLATFORM

(51) International classification	:G02B 6/12
(31) Priority Document No	:60/464,938
(32) Priority Date	:23/04/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/012505
Filing Date	:04/11/2004
(87) International Publication No	: WO/2004/095084
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SIOPHCAL, INC.

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1)GOTHOSKAR, Prakash

2)GHIRON, Margaret

3)MONTGOMERY, Robert, Keith

4)PATEL, Vipulkumar

5)SHASTRI, Kalpendu

6)PATHAK, Soham

7)YANUSHEFSKI, Katherine, A.

(57) Abstract :

A set of planar, two-dimensional optical devices (242,244) is able to be created in a sub-micron surface layer of an SOI structure, or within a sub-micron thick combination of an SOI surface layer and an overlying polysilicon layer. Conventional masking/etching techniques may be used to form a variety of passive and optical devices in this SOI platform. Various regions of the devices may be doped to form the active device (180) structures. Additionally, the polysilicon layer may be separately patterned to provide a region of effective mode index change (250) for a propagating optical signal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3111/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RINGING ARTIFACT REDUCTION FOR COMPRESSED VIDEO APPLICATIONS

(51) International classification	:H04N7/26,G06T5/00	(71)Name of Applicant :
(31) Priority Document No	:60/548,673	1)KONINKLIJKE PHILIPS ELECTRONICS, N.V.
(32) Priority Date	:27/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:U.S.A.	Netherlands
(86) International Application No	:PCT/IB2005/050664	(72)Name of Inventor :
Filing Date	:23/02/2005	1)BOROCZKY, Lilla
(87) International Publication No	:WO/2005/086490	2)YANG, Yibin
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of reducing ringing artifacts in a compressed digital video signal includes decoding the coded video signal; determining plurality of metric values in a region near at least one pixel, wherein the metric values are greater than a particular value; and applying a deringing method to substantially reduce ringing artifacts near the pixel. An apparatus for selectively deringing a compressed digital video signal includes a decoding device, a metric calculation device and a metric-controlled deringing device, wherein the deringing device reduces ringing artifacts in certain regions of a video frame based on data from the metric calculation device. In accordance with another example embodiment, the metric-controlled deringing device updates the metric data of the frame based on the deringing.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3112/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :25/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR GLOBAL INDICATION OF MPEG IMPAIRMENTS IN COMPRESSED DIGITAL VIDEO

(51) International classification :H04N7/26,17/00

(31) Priority Document No :60/548,672

(32) Priority Date :27/02/2004

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

(86) International Application No :PCT/IB2005/050665

Filing Date :23/02/2005

(87) International Publication No :WO/2005/086491

(61) 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.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands

(72)Name of Inventor :

1)BOROCZKY, Lilla

2)VAN ZON, Cornelis Conradus Adrianus Maria

3)YANG, Yibin

(57) Abstract :

A method of determining processing a coded video signal includes decoding the coded video signal; determining a global indicator value for a frame from the decoded video; and providing video processing to the decoded video of the frame based on the global indicator. Additionally, an apparatus for processing coded digital video signals includes a coded video decoder; a metric calculation module; and a video processing module, wherein the metric calculation module calculates at least one value of a global indicator, which indicates the quality of the coded video signal, and where the metric calculation module provides the global indicator to the video processing module, which selectively addresses the coded video signal depending on the value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3113/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROVED METHOD FOR DIAGNOSING ACUTE CORONARY SYNDROME

(51) International classification	:G01N33/573,33/577,C07K16/40	(71)Name of Applicant :
(31) Priority Document No	:60/539,431	1)TURUN YLIOPISTO
(32) Priority Date	:28/01/2004	Address of Applicant : Yliopistonmaki, FI-200014 Turun Yliopisto
(33) Name of priority country	:U.S.A.	Finland
(86) International Application No	:PCT/FI2005/000036	(72)Name of Inventor :
Filing Date	:19/01/2005	1)QIN, Qiu-Ping
(87) International Publication No	:WO/2005/073727	2)PETTERSSON, Kim
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention concerns a bioaffinity assay for quantitative determination in a sample of free PAPP-A, defined as the pregnancy associated plasma protein A (PAPP-A) that is not complexed to the proform of major basic protein (proMBP), wherein free PAPP-A is determined either i) as a calculated difference between measured total PAPP-A and measured PAPP-A complexed to proMBP, or ii) by a direct bioaffinity assay measuring only free PAPP-A. Furthermore, the invention concerns a method for diagnosing an acute coronary syndrome in a person by using as marker either free PAPP-A as such or a ratio free PAPP-A/total PAPP-A, free PAPP-A/PAPP-A complexed to proMBP, or PAPP-A complexed to proMBP/total PAPP-A.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3114/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A COMMUNICATION SYSTEM OF CASCADED DEVICES WITH A BACKUP FUNCTION AND ACTIVE/STANDY SWITCHOVER METHOD THEREOF.

(51) International classification	:H04B1/74
(31) Priority Document No	:200410007591.1
(32) Priority Date	:25/02/2004
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2005/000232
Filing Date	:25/02/2005
(87) International Publication No	:WO/2005/083899
(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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Longgang District, Shenzhen, Guangdong 518129 China
(72)**Name of Inventor :**
1)WU, Haijun

(57) Abstract :

A communication system of cascaded devices with a backup function includes a line adapter with multiple inputs and multiple outputs. When the communication devices of adjacent levels are cascaded through the line adapter, in each communication device, the port of an active main control board which is connected to the line adapter is open, and the port of a standby main control board is closed. The present invention also discloses two Active/Standby switchover methods applied in the above-mentioned communication system, by performing on-off control upon a communication device's interfaces connected to the line adapter, it is guaranteed that the communication devices cascaded by this communication device does not need to perform Active/Standby switchover in main control boards. By applying the present invention, the system's Active/Standby reliability and stability can be improved besides the implementing costs can be reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3115/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ERYTHROCYTE FUNCTION MODIFYING SUBSTANCE

(51) International classification :A61K45/00,31/195,33/00,A61P9/08,9/00
(31) Priority Document No :2004-022305
(32) Priority Date :29/01/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2004/009675
Filing Date :01/06/2004
(87) International Publication No :WO/2005/072773
(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)SUEMATSU, Makoto

(57) Abstract :

A promoter of ATP release from red blood cells, comprising a substance capable of stabilizing the structure of hemoglobin in red blood cells in its T-state; and a method of releasing ATP from red blood cells with the use of the promoter. There are further provided an inhibitor of ATP release from red blood cells, comprising a substance capable of stabilizing the structure of hemoglobin in red blood cells in its R-state; and a method of inhibiting ATP release from red blood cells with the use of the inhibitor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3116/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ENCAPSULATED GAS-INSULATED SWITCHGEAR ASSEMBLY.

(51) International classification	:H02B13/035
(31) Priority Document No	:04405114.2
(32) Priority Date	:27/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/CH2005/000114
Filing Date	:28/02/2005
(87) International Publication No	:WO/2005/083859
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)ABB TECHNOLOGY AG
Address of Applicant : Affolternstrasse 44, CH-8050 Zurich Switzerland

(72)**Name of Inventor :**
1)HOLAUS, Walter
2)SOLOGUREN-SANCHEZ, Diego
3)MUELLER, Lorenz
4)BRUCKERT, Michael

(57) Abstract :

The switchgear assembly has a polyphase design and has a gas-filled, modular encapsulation for each phase. Provided as the modules are at least one busbar (51, 52), which is guided predominantly horizontally, a circuit breaker (10) and two combined disconnecting- earthing switches (71, 72, 73) of identical design and having ~ disconnection and grounding function. A first one (71) of the combined disconnecting-earthing switches supports a section of the busbar (51) and is connected between the busbar (51) and a first current terminal (11) of the circuit breaker (10). The second combined disconnecting-earthing switch (73) is connected between an outgoing feeder (60) or a further busbar of the assembly and the second current terminal (12) of the circuit breaker (10). The combined disconnecting- earthing switches (71, 72, 73) are aligned such that two drive apparatuses (81, 82, 83), which are provided for their actuation, point in the same, predominantly horizontal direction. This switchgear assembly is of compact design since the drives of the combined disconnecting-earthing switches are guided in one direction and sections of the assembly which are connected to the I combined disconnecting-earthing switches are guided in the opposite direction. If the drives point towards a control aisle of the assembly, the positions of the drives (81, 82, 83) and therefore the switching positions of the combined disconnecting-earthing switches (71, 72, 73) are visually easily accessible to the operator of the assembly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3117/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NUCLEIC ACID COMPLEXES

(51) International classification	:C07H21/00,A61K47/00	(71)Name of Applicant :
(31) Priority Document No	:60/548,963	1)WANG, Chang-Ning, J.
(32) Priority Date	:28/02/2004	Address of Applicant : 2 Woburn Street, Andover, MA 01810 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/006420	1)WANG, Chang-Ning, J.
Filing Date	:28/02/2005	
(87) International Publication No	:WO/2005/084272	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A nucleic acid complex that contains a plurality of first nucleic acids, a plurality of second nucleic acids, and a plurality of third nucleic acids, in which each of the first nucleic acids, complementary to each of the second nucleic acids, contains a sequence which is complementary to a site of each of the third nucleic acids; the number of the first nucleic acids and that of the second nucleic acids are each 1 to 10¹² times that of the third nucleic acids; and the first, second, and third nucleic acids are crosslinked to form the nucleic acid complex. Also disclosed is a detection method in which the above-described nucleic acid complex is used as a detectable means for identifying a specific nucleic acid target site.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3118/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUBSTITUTED POLYPHENYLENES VIA SUPPORTED TRANSITION METAL CATALYSIS

(51) International classification	:C08L9/00
(31) Priority Document No	:60/539,927
(32) Priority Date	:28/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002564
Filing Date	:27/01/2005
(87) International Publication No	:WO/2005/072374
(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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30005-3914 U.S.A.
(72)**Name of Inventor :**
1)GAGNE, Robert, R.
2)MALJKOVIC, Nikica
3)THOMAS, David, B.

(57) Abstract :

Substituted polyphenylenes and methods for producing such substituted polyphenylenes using supported transition metal catalysis are provided.

(54) Title of the invention : IMPROVED CAN PROCESSING

(51) International classification	:A23L3/00
(31) Priority Document No	:0404299.0
(32) Priority Date	:26/02/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000761
Filing Date	:28/02/2005
(87) International Publication No	:WO/2005/082173
(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)WALDEN, Richard**2)FERGUSON, Robin, Julian**

(57) Abstract :

In a first aspect the invention comprises an apparatus for heat-treating products, comprising: a retort into which the products to be treated are receivable; heating means for heating the retort; coolant spray means for spraying a liquid coolant onto products received in the retort; and shielding means to substantially prevent coolant sprayed from the coolant spray means from impinging on the interior of the retort. In a further aspect the invention comprises a method of protecting a retort comprising a retort wall defining a volume into which products to be treated are receivable, heating means for heating the retort, and coolant spray means for spraying a liquid coolant onto products received in the retort against thermal shock, the method comprising mounting shielding apparatus within the retort to substantially prevent liquid coolant sprayed from the coolant spray means within the retort from impinging on the interior of the retort wall.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3120/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR TIME SCALING OF A SIGNAL

(51) International classification	:G10L19/00,G10L21/04	(71) Name of Applicant :
(31) Priority Document No	:04100306.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:28/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SCHUIJERS, Erik, G., P.
(87) International Publication No	: NA	2)GERRITS, Andreas, J.
(61) Patent of Addition to Application Number	:NA	3)OOMEN, Arnoldus, W., J.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A decoder receives (501) a bitstream comprising an encoded mono signal and stereo data. A time scale processor (503) generates a time scaled mono signal. A time-tofrequency processor generates frequency sample blocks of the time scaled signal, the block length being fixed and independent of the time scaling. A parametric stereo decoder (509) generates a stereo signal for the frequency sample blocks and these are converted to the time domain by a frequency-to-time processor (511). A synchronization processor (515) synchronizes the stereo data with the time scaled signal by determining a time association between a parameter value and a frequency sample block. The parameter value and time association is used to determine synchronized stereo parameter values for that and other frequency sample blocks. The invention is particularly suitable for low complexity generation of time scaled stereo signals from MPEG-4 encoded signals.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3121/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DIVERSITY SYSTEM FOR TRANSMITTING A SIGNAL WITH SUB-CARRIERS

(51) International classification	:H04B7/08,H04B7/06,H04L27/26	(71)Name of Applicant :
(31) Priority Document No	:04100288.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:28/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050300	(72)Name of Inventor :
Filing Date	:25/01/2005	1)DE RUIJTER, Hendricus, C.
(87) International Publication No	:WO/2005/074164	
(61) Patent of Addition to Application	:NA	
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In diversity systems (3) for transmitting signals (4) comprising sub-carriers from first units (1) to second units (2,2a), receivers (22,22a) coupled to antennas (25,26) located at different positions for receiving the signals (4) are provided with transforming modules (38,38a) for converting received antenna signals into sub-carrier-vectors per sub carrier and per antenna (25,26) and processing modules (39,39a) for processing the sub-carrier-vectors per sub-carrier. Then, the received antenna signals are no longer splitted into arbitrary sub-bands, but they are splitted in accordance with the sub-carriers already present in the signal (4) to be transmitted. For transmitting return signals (5) comprising sub-carriers from the second units (2,2a) to the first units (1), transmitters (21,21 a) coupled to antennas (25,26) located at different positions for transmitting the return signals (5) are provided with reverse processing modules (49) for generating sub-carrier-vectors per sub-carrier and per antenna and with reverse transforming modules (48,48a) for converting the sub-carrier-vectors into antenna signals to be transmitted. The overall throughput of the diversity system (3) is improved.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3122/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ISOMERISATION OF CIS-2-PENTENENITRILE TO FORM 3-PENTENENITRILE IN A REACTIVE DISTILLATION

(51) International classification :C07C253/30,255/07
(31) Priority Document No :102004004716.2
(32) Priority Date :29/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000782
Filing Date :27/01/2005
(87) International Publication No :WO/2005/073177
(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)SCHEIDEL, Jens
2)JUNGKAMP, Tim
3)BARTSCH, Michael
4)HADERLEIN, Gerd
5)BAUMANN, Robert
6)LUYKEN, Hermann

(57) Abstract :

The invention relates to a method for the isomerisation of pentenenitrile in an educt flow. Said isomerisation is carried out on a heterogeneous catalyst in a distillation column, such that during the isomerisation, the isomerisation educt is enriched by distillation in relation to the isomerisation product in the reaction column of the distillation column.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3123/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING 3-PENTENENITRILE

(51) International classification :C07C253/10,253/34,255/07 (31) Priority Document No :10 2004 004 720.0 (32) Priority Date :29/01/2004 (33) Name of priority country :Germany (86) International Application No :PCT/EP2005/000774 Filing Date :27/01/2005 (87) International Publication No :WO/2005/073171 (61) 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 AKTIENGESELLSCHAFT Address of Applicant : D-67056 Ludwigshafen Germany (72)Name of Inventor : 1)SCHEIDEL, Jens 2)JUNGKAMP, Tim 3)BARTSCH, Michael 4)HADERLEIN, Gerd 5)BAUMANN, Robert 6)LUYKEN, Hermann

(57) Abstract :

A process is described for preparing 3-pentenitrile, characterized by the following process steps: (a) reacting 1,3-butadiene with hydrogen cyanide over at least one catalyst to obtain a stream 1 which comprises 3-pentenitrile, 2-methyl-3-butenitrile, the at least one catalyst and 1,3-butadiene, (b) distilling stream 1 in a column to obtain a high-1,3-butadiene stream 2 as the top product and a low-1,3-butadiene stream 3 as the bottom product which comprises 3-pentenitrile, the at least one catalyst and 2-methyl-3-butenitrile, (c) distilling stream 3 in a column to obtain a stream 4 as the top product which comprises 1,3-butadiene, a stream 5 which comprises 3-pentenitrile and 2-methyl-3-butenitrile at a side draw of the column, and a stream 6 as the bottom product which comprises the at least one catalyst, (d) distilling stream 5 to obtain a stream 7 as the top product which comprises 2-methyl-3-butenitrile, and a stream 8 as the bottom product which comprises 3-pentenitrile.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3124/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HYDROCYANATION

(51) International classification	:C07C253/34,255/04,255/07	(71)Name of Applicant :
(31) Priority Document No	:102004004718.9	1)BASF Aktiengesellschaft
(32) Priority Date	:29/01/2004	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/000724	1)JUNGKAMP, Tim
Filing Date	:26/01/2005	2)POLKA, Hans-Martin
(87) International Publication No	:WO/2005/073178	3)BAUMANN, Robert
(61) Patent of Addition to Application Number	:NA	4)BARTSCH, Michael
Filing Date	:NA	5)HADERLEIN, Gerd
(62) Divisional to Application Number	:NA	6)LUYKEN, Hermann
Filing Date	:NA	7)SCHEIDEL, Jens

(57) Abstract :

The invention relates to a method for separating hydrogen cyanide from mixtures containing pentenenitrile, by means of the azeotropic distillation of hydrogen cyanide with 1,3-butadiene.

(54) Title of the invention : METHOD FOR PRODUCING ETHYL (3R, 5S, 6E)-7-[2-CYCLOPROPYL-4-(4-FLUOROPHENYL)QUINOLINE-3-YL]-3,5-DIHYDROXY-6-HEPTENOATE

(51) International classification	:C07D 215/12	(71)Name of Applicant :
(31) Priority Document No	:2003-119807	1)DAICEL CHEMICAL INDUSTRIES LTD.
(32) Priority Date	:24/04/2003	Address of Applicant :1, Teppo-cho, Sakai-shi, Osaka 5900905 (JP) Japan
(33) Name of priority country	:Japan	2)NISSAN CHEMICAL INDUSTRIES, LTD.
(86) International Application No	:PCT/JP04/05894	(72)Name of Inventor :
Filing Date	:23/04/2004	1)ONISHI, Atsushi
(87) International Publication No	:WO	2)TACHIBANA KOZO
	2004/094385 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for producing ethyl (3R, 5S, 6E)-7-[2-cyclopropyl-4-(4-fluorophenyl)quinoline-3-yl]-3, 5-dihydroxy-6-heptanoate from a solution containing a mixture of optical isomers of ethyl 6E-7-[2-cyclopropyl-4-(4-fluorophenyl)quinoline-3-yl]-3,5-dihydroxy-6-heptanoate by means of the liquid chromatography using a packing material having a carrier and, carried thereon, a polysaccharide derivative, characterized in that a part or all of the hydrogen atoms of the hydroxyl groups and amino groups of the polysaccharide derivative are substituted with one or more substituents, such as a carbamoyl group wherein one hydrogen atom is substituted with an aromatic group having a specific alkyl group. The method allows the production of the above (3R, 5S, 6E) isomer with enhanced productivity compared to a conventional method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3125/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PREPARATION OF 3-PENTENENITRILE FROM 1,3-BUTADIENE

(51) International classification :C07C253/10,255/07
(31) Priority Document No :102004004724.3
(32) Priority Date :29/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000784
Filing Date :27/01/2005
(87) International Publication No :WO/2005/073175
(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)SCHEIDEL, Jens
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3)BARTSCH, Michael
4)HADERLEIN, Gerd
5)BAUMANN, Robert
6)LUYKEN, Hermann

(57) Abstract :

A process is described for preparing 3-penteneitrile by hydrocyanating 1,3-butadiene, wherein 1,3-butadiene is reacted with hydrogen cyanide in the presence of at least one catalyst and the stream resulting therefrom is purified distillatively, the bottom temperature during the distillation not exceeding 140c.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :23/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : NK-2 ANTAGONIST BASIC LINEAR COMPOUNDS AND FORMULATIONS CONTAINING THEM

(51) International classification	:C07D 409/12	(71)Name of Applicant :
(31) Priority Document No	:FI2003A000113	1)MENARINI RICERCHE S.P.A.
(32) Priority Date	:24/04/2003	Address of Applicant :VIA TITO SPERI, 10, I-00040 POMEZIA Italy
(33) Name of priority country	:Italy	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/50592	1)FATTORI, Daniela
Filing Date	:23/04/2004	2)PORCELLONI, MARINA
(87) International Publication No	:WO	3)D'ANDREA, Piero
	2004/094412 A1	4)ROSSI, Cristina
(61) Patent of Addition to Application Number	:NA	5)ALTAMURA, Maria
Filing Date	:NA	6)MAGGI, Carlo Alberto
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention describes compounds with formula (I) having linear structure basic properties useful as NK-2 antagonists; pharmaceutical compositions containing said compounds are also described and processes for their preparation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3126/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HYDROCYANATION

(51) International classification

:C07C253/10

(31) Priority Document No

:102004004684.0

(32) Priority Date

:29/01/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/000723

Filing Date

:26/01/2005

(87) International Publication No

:WO/2005/073168

(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)BARTSCH, Michael

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6)LUYKEN, Hermann

7)SCHEIDEL, Jens

(57) Abstract :

The invention relates to a method for the production of 3-pentene nitrile by hydrocyanation of 1,3-Butadiene with cyanohydrogen on at least one catalyst, wherein the 1,3-Butadiene and/or cyanohydrogen is brought into contact with at least one microporous solid prior to reaction.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3127/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SEPARATION OF PENTENENITRILE ISOMERS

(51) International classification :C07C253/34,255/07
(31) Priority Document No :10 2004 004 721.9
(32) Priority Date :29/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000726
Filing Date :26/01/2005
(87) International Publication No :WO/2005/073179
(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)JUNGKAMP, Tim
2)BAUMANN, Robert
3)BARTSCH, Michael
4)HADERLEIN, Gerd
5)LUYKEN, Hermann
6)SCHEIDEL, Jens

(57) Abstract :

A process is described for separating mixtures of isomeric pentenenitriles, in which at least one isomer is removed from the mixture, wherein the separation of the substance mixtures of isomeric poentenitriles is effected distillatively under reduced pressure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3128/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CONTINUOUS METHOD FOR THE PRODUCTION OF LINEAR PENTENE NITRILES

(51) International classification	:C07C253/10,255/07
(31) Priority Document No	:10 2004 004 696.4
(32) Priority Date	:29/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000772
Filing Date	:27/01/2005
(87) International Publication No	:WO/2005/073170
(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)BARTSCH, Michael
2)BAUMANN, Robert
3)HADERLEIN, Gerd
4)SCHEIDEL, Jens
5)JUNGKAMP, Tim
6)LUYKEN, Hermann

(57) Abstract :

A process is described for continuously hydrocyanating 1,3-butadiene in the presence of at least one nickel (0) catalyst with chelate ligands, wherein 1,3-butadiene and hydrogen cyanide are used in a molar ratio of from 1.6:1 to 1.1:1.

(54) Title of the invention : PREPARATION OF DINITRILES

(51) International classification :C07C253/10,255/04
 (31) Priority Document No :10 2004 004 683.2
 (32) Priority Date :29/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/000777
 Filing Date :27/01/2005
 (87) International Publication No :WO/2005/073172
 (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)JUNGKAMP, Tim**2)BAUMANN, Robert****3)BARTSCH, Michael****4)HADERLEIN, Gerd****5)LUYKEN, Hermann****6)SCHEIDEL, Jens**

(57) Abstract :

A process is described for preparing adiponitrile and methylglutaronitrile, characterized by the following process steps: (a) reacting a reactant stream comprising pentenenitriles with hydrogen cyanide in the presence of at least one catalyst and of at least one promoter to obtain a reaction stream which comprises pentenenitriles, the at least one catalyst, catalyst degradation products, the at least one promoter, adiponitrile and methylglutaronitrile, (b) distilling the reaction stream to obtain a stream 3 which is depleted in pentenenitriles and comprises the at least one catalyst, catalyst degradation products, the at least one promoter, adiponitrile and methylglutaronitrile as the bottom product and a stream 4 enriched in pentenenitriles as the top product, (c) extracting the stream 3 using an extractant present in stream 5 to obtain a stream 6 enriched with extractant as the top product which comprises the catalyst, and a stream 7 depleted in extractant as the bottom product which comprises catalyst degradation products, the at least one promoter, pentenenitriles, adiponitrile and methylglutaronitrile, (d) distilling the stream 6 to obtain a stream 8 comprising the catalyst as the bottom product and a stream 9 comprising the extractant as the top product, (e) distilling the stream 7 to obtain a stream 10 as the bottom product which comprises catalyst degradation products, the at least one promoter, pentenenitriles, adiponitrile and methylglutaronitrile, and a stream 11 comprising the extractant as the top product, (f) distilling the stream 10 to obtain a stream 12 as the bottom product which comprises catalyst degradation products, the at least one promoter, adiponitrile and methylglutaronitrile, and a stream 13 comprising pentenenitriles as the top product, (g) distilling the stream 12 to obtain a stream 14 as the bottom product which comprises catalyst degradation products and the at least one promoter, and a stream 15 as the top product which comprises adiponitrile and methylglutaronitrile, (h) distilling the stream 15 to obtain a stream 16 comprising adiponitrile as the bottoms and a stream 17 comprising methylglutaronitrile as the top product.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3130/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HYDROCYANATION

(51) International classification	:C07C253/10,255/07
(31) Priority Document No	:10 2004 004 672.7
(32) Priority Date	:29/01/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000725
Filing Date	:26/01/2005
(87) International Publication No	:WO/2005/073169
(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)HADERLEIN, Gerd
6)LUYKEN, Hermann
7)SCHEIDEL, Jens

(57) Abstract :

A process is described for preparing 3-pentenitrile by hydrocyanating 1,3-butadiene in the presence of at least one catalyst, wherein unhydrocyanated 1,3-butadiene is removed from the effluent of the hydrocyanation and recycled into the process, and the recycled 1,3-butadiene is monitored for the content of hydrogen cyanide.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3132/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HOMOGENEOUS ISOMERIZATION OF CIS-2-PENTENE NITRILE TO FORM 3-PENTENE NITRILE

(51) International classification :C07C253/30,255/07
(31) Priority Document No :10 2004 004 717.0
(32) Priority Date :29/01/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/000770
Filing Date :27/01/2005
(87) International Publication No :WO/2005/073176
(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)BAUMANN, Robert

4)JUNGKAMP, Tim

5)BARTSCH, Michael

6)HADERLEIN, Gerd

7)LUYKEN, Hermann

8)SIEGEL, Wolfgang

9)BASSLER, Peter

(57) Abstract :

A process is described for isomerizing pentenenitrile in a reactant stream, wherein the isomerization is effected over a homogeneously dissolved catalyst.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3133/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PLASTIC MATERIAL METERING SYSTEM FOR PLASTIC ARTICLES MANUFACTURING DEVICE

(51) International classification :B29C 31/04

(31) Priority Document No :00129/04

(32) Priority Date :29/01/2004

(33) Name of priority country :Switzerland

(86) International Application No :PCT/IB2005/050162

Filing Date :14/01/2005

(87) International Publication No :WO/2005/072051

(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 : rue de la Praise, CH-1896 Vouvry Switzerland

(72)Name of Inventor :

1)HANOT, Dominique

(57) Abstract :

The invention relates to a plastic metering system in a device for producing plastic articles, comprising a metering unit (1) forming a block (2) comprising a material feed duct (10), a metering cavity (4) which may communicate with the said material feed duct (10), a material outlet orifice (5) placed on a wall of the said metering cavity (4), and a valve (3) in the form of a cylindrical rod designed to slide through and close off the said material outlet orifice (5), characterized in that the metering unit (1) furthermore includes a piston (7) mounted so as to slide coaxially around the valve (3) so as to allow the volume of the metering cavity (4) to be varied and the material feed duct (10) to be momentarily closed off. The invention also relates to a method for using the said system.

(54) Title of the invention : PREPARATION OF LINEAR PENTENENITRILE

(51) International classification :C07C253/10,255/07
 (31) Priority Document No :10 2004 004 671.9
 (32) Priority Date :29/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/000781
 Filing Date :27/01/2005
 (87) International Publication No :WO/2005/073174
 (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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(57) Abstract :

A process is described for preparing 3-pentenitrile, characterized by the following; process steps: (a) isomerizing a reactant stream which comprises 2-methyl-3-butenitrile over at least one dissolved or dispersed isomerization catalyst to give a stream 1 which comprises the at least one isomerization catalyst, 2-methyl-3-butenitrile, 3- pentenenitrile and (Z)-2-methyl-2-butenitrile, (b) distilling stream 1 to obtain a stream 2 as the top product which comprises 2- methyl-3-butenitrile, 3-pentenitrile and (Z)-2-methyl-2-butenitrile, and a stream 3 as the bottom product which comprises the at least one isomerization catalyst, (c) distilling stream 2 to obtain a stream 4 as the top product which, compared to stream 2, is enriched in (Z)-2-methyl-2-butenitrile, based on the sum of all pen- tenenitriles in stream 2, and a stream 5 as the bottom product which, compared to stream 2, is enriched in 3-pentenitrile and 2-methyl-3-butenitrile, based on the sum of all pentenenitriles in stream 2, (d) distilling stream 5 to obtain a stream 6 as the bottom product which comprises 3- pentenenitrile and a stream 7 as the top product which comprises 2-methyl-3- , butenenitrile.

(54) Title of the invention : REMOVAL OF NICKEL (0)COMPLEXES AND PHOSPHORUS LIGANDS FROM NITRILE MIXTURES

(51) International classification :C07F9/00
 (31) Priority Document No :102004004685.9
 (32) Priority Date :29/01/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/000779
 Filing Date :27/01/2005
 (87) International Publication No :WO/2005/073241
 (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 process for extractively removing nickel(O) complexes having phosphorus ligands and/or free phosphorus ligands from a reaction effluent of a hydrocyanation of unsaturated mononitriles to dinitriles by extraction by means of a hydrocarbon, a phase separation of the hydrocarbon and of the reaction effluent into two phases being effected at a temperature T (in °C), wherein the content of nickel(O) complexes having phosphorus ligands and/or free phosphorus ligands in the reaction effluent of the hydrocyanation, depending on the temperature T, is at least y% by weight and, irrespective of the temperature T, is a maximum of 60% by weight, where the numerical value of the minimum content y is given by the equation $y = 0.5 \cdot T + 20$ and T is to be used in the equation as a dimensionless numerical value.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3136/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :29/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : VERTICAL FIELD EFFECT TRANSISTORS INCORPORATING SEMICONDUCTING NANOTUBES GROWN IN A SPACER-DEFINED PASSAGE

(51) International classification	:H01L51/30,51/20
(31) Priority Document No	:10/767,039
(32) Priority Date	:29/01/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/050128
Filing Date	:13/01/2005
(87) International Publication No	:WO/2005/076382
(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)HOLMES, Steven, John
4)HORAK, David, Vaclav
5)MITCHELL, Peter
6)NESBIT, Larry, Alan

(57) Abstract :

Vertical field effect transistors having a channel region defined by at least one semiconducting nanotube and methods for fabricating such vertical field effect transistors by chemical vapor deposition using a spacer-defined channel. Each nanotube is grown by chemical vapor deposition catalyzed by a catalyst pad positioned at the base of a high-aspect-ratio passage defined between a spacer and a gate electrode. Each nanotube grows in the passage with a vertical orientation constrained by the confining presence of the spacer. A gap may be provided in the base of the spacer remote from the mouth of the passage. Reactants flowing through the gap to the catalyst pad participate in nanotube growth.

(54) Title of the invention : BIOCHIP ELECTROPORATOR AND ITS USE IN MULTI-SITE, SINGLE-CELL ELECTROPORATION

(51) International classification	:C12N15/87	(71)Name of Applicant :
(31) Priority Document No	:NA	1)BIOSILAB S.r.l
(32) Priority Date	:NA	Address of Applicant : VIA F. ZENI 8, ROVERETO, Italy
(33) Name of priority country	:NA	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/00789	1)VASSANELLI, STEFANO,
Filing Date	:29/01/2004	2)CELLERE, GIORGIO,
(87) International Publication No	:WO	3)BORGIO, MAURO,
	2005/075656 A1	4)BANDIERA, LEONARDO,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The introduction of genetic material or molecules of biological interest into cells is a procedure with an increasing interest both for experimental and application purposes, so that electroporation is a widely used technique, but the electroporation of single adhering cells is still impaired. The present application describes an apparatus for the electroporation of any kind of cell adhering to a substrate at any stage of development, where an electrical signal can be driven and applied to a single adhering cell in culture in order to obtain its electroporation. The method to electroporate a single adhering cell with the apparatus of the invention is also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3138/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : QUICK ACCESS TO DISC MANAGEMENT INFORMATION

(51) International classification	:G11B27/32,G11B20/12,G11B20/18	(71) Name of Applicant :
(31) Priority Document No	:04100345.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:30/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050348	(72) Name of Inventor :
Filing Date	:27/01/2005	1)NIJBOER, Jakob, G.
(87) International Publication No	:WO/2005/073971	2)IJTSMa, Pope
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method and a recording device for easy and quick access to record carrier management information stored on the record carrier itself. The invention further relates to a record carrier for use in such a method and recording device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3139/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : VARIABLE LENS SYSTEM

(51) International classification	:G02B3/14,G02B26/02	(71) Name of Applicant :
(31) Priority Document No	:04100351.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:30/01/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050289	(72) Name of Inventor :
Filing Date	:25/01/2005	1)HENDRIKS, Bernardus, H., W.
(87) International Publication No	:WO/2005/073762	2)KUIPER, Stein
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A compact and substantially achromatic optical lens system (100, 200) comprising an electrowetting lens (104, 204) is provided. The optical lens system is using an electrowetting lens in which at least one of the entrance window surface (117, 217) or exit window surfaces (219), being in contact with one of the fluids (112, 212, 113, 213), has a curvature. When the sign of the curvature of that surface has the same sign as the curvature of the meniscus when no voltage is applied, a low building height is achieved. The optical element (104, 204) not only acts as a focussing or zooming device, but that it also acts as an aberration reduction element for the other elements in the optical lens system (100, 200).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3140/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IBOPAMINE MALEATE, METHOD FOR PREPARING IT AND PHARMACEUTICAL COMPOSITIONS CONTAINING IT

(51) International classification	:C07C219/28,57/145,51/41,A61K31/222	(71) Name of Applicant :
(31) Priority Document No	:MI2004A000146	1)AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO
(32) Priority Date	:30/01/2004	A.C.R.A.F. S.P.A.
(33) Name of priority country	:Italy	Address of Applicant : Viale Amelia, 70, I-00181 Roma Italy
(86) International Application No	:PCT/EP2005/000445	(72) Name of Inventor :
Filing Date	:13/01/2005	1)PINZA, Mario
(87) International Publication No	:WO/2005/075409	2)MAUGERI, Caterina
(61) Patent of Addition to Application	:NA	3)CAZZOLLA, Nicola
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application	:NA	
Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract Ibopamine maleate salt (1: 1), method for preparing it and pharmaceutical composition containing it.

(54) Title of the invention : LOW LOSS FOAM COMPOSITION AND CABLE HAVING LOW LOSS FOAM LAYER

(51) International classification	:C08L 23/06
(31) Priority Document No	:PCT/CA2003/000591
(32) Priority Date	:24/04/2003
(33) Name of priority country	:Canada
(86) International Application No	:PCT/CA2003/000591
Filing Date	:24/04/2003
(87) International Publication No	:WO/2004/094526
(61) 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 RESEARCH COUNCIL OF CANADA
Address of Applicant :1200 Montreal Road, Ottawa, Ontario K1A 0R6
(CA) Canada
(72)Name of Inventor :
1)CHAMPAGNE, Michel, F.
2)GENDRON, Richard
3)VACHON, Caroline
4)CHOPRA, Vijay, K.
5)NUDD, Hugh, R.
6)RAMPALLI, Sitaram

(57) Abstract :

The invention relates to a low loss foam composition and cable, such as a coaxial cable. The foam composition is formed by heating an olefinic polymer, such as a high density polyethylene, medium density polyethylene, low density polyethylene, linear low density polyethylene, polypropylene, or a combination thereof, into a molten state composition, optionally with a nucleating agent. The molten mixture is extruded under pressure through a die with a blowing agent comprising an atmospheric gas, such as carbon dioxide, nitrogen or air, and a co-blowing agent selected from hydrofluorocarbons, hydrochlorofluorocarbons, or perfluoro compounds, such as HFC-134a. The cable is formed by extruding the foam composition onto a signal carrying conductor and sheathing the foam-coated signal carrying conductor in an appropriate conducting shield.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3141/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : L-(-)-MOPROLOL L-(+)-TARTRATE

(51) International classification :C07C217/34,59/255,51/41,A61K31/133
(31) Priority Document No :MI2004A 000145
(32) Priority Date :30/01/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/000560
Filing Date :14/01/2005
(87) International Publication No :WO/2005/075408
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application
Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)AZIENDE CHIMICHE RIUNITE ANGELINI FRANCESCO
A.C.R.A.F. S.P.A.
Address of Applicant : Viale Amelia, 70, I-00181 Roma Italy
(72)**Name of Inventor :**
1)PINZA, Mario
2)MAUGERI, Caterina
3)CAZZOLLA, Nicola

(57) Abstract :

ABSTRACT L-(-)-moprolol L-(+)-tartrate salt (2:1), method for preparing it and pharmaceutical composition compnsing it.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3142/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MARINE SEISMIC ACQUISITION SYSTEM

(51) International classification	:G01V1/20,1/38
(31) Priority Document No	:0402012.9
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000314
Filing Date	:28/01/2005
(87) International Publication No	:WO/2005/073758
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)WESTERNGECO SEISMIC HOLDINGS LIMITED;
Address of Applicant : Citco Building, P.O. Box 662, Road Town Tortola
British Virginia
(72)**Name of Inventor :**
1)MUYZERT, Everhard, Johan
2) MARTIN, James, Edward
3)LAWS, Robert, Montgomery
4)CHRISTIE, Philip, Andrew, Felton

(57) Abstract :

A marine cable for seismic surveys is described with a plurality of ceramic pressure sensors (901-904) arranged in groups of at least two pressure sensors with a group output being representative of the vertical pressure gradient at the group location, and an inclinometric system including one or more transducers for determining the orientation of the sensors of the group in order to determine their true vertical separation.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3143/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR THE MANUFACTURE OF CARBOXYALKYLINULIN

(51) International classification	:C08B37/18
(31) Priority Document No	:04075280.0
(32) Priority Date	:30/01/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/BE2005/000011
Filing Date	:28/01/2005
(87) International Publication No	:WO/2005/073256
(61) 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 COOPERATIE COSUN U.A.
Address of Applicant : Cosun Park 1, NL-4818 ND Breda Netherlands
2)SOLUTIA EUROPE N.V./S.A.
(72)Name of Inventor :
1)RAAIJMAKERS, Harry, W.C.
2)NEELEMAN, Ernst

(57) Abstract :

A method for the manufacture of carboxyalkylinulin is disclosed comprising preparing an aqueous medium containing dispersed therein a halogenoalkylcarboxylate, adding to the carboxylate containing medium, under substantially neutral pH conditions, an inulin followed by heating this mixture to a temperature in the range of from 60 °C to 90 °C and proceeding with the reaction at alkaline conditions, pH 8-12, while simultaneously adding additional halogenoalkylcarboxylate and alkali hydroxide. The carboxyalkylinulin so formed is recovered in a manner known per se.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3144/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :25/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : PYRIMIDINE DERIVATIVES USEFUL FOR THE TREATMENT OF DISEASES MEDIATED BY CRTH2

(51) International classification : C07D 239/30

(31) Priority Document No :03009384.3

(32) Priority Date :25/04/2003

(33) Name of priority country :Germany

(86) International Application No :PCT/EP2004/003910

Filing Date :14/04/2004

(87) International Publication No :WO/2004/096777

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)ACTIMIS PHARMACEUTICALS, INC.

Address of Applicant :11099 North Torrey Pines Road, La Jolla, CA
92037 (US) Germany

(72)Name of Inventor :

1)LY, Tai-wei

2)KORIYAMA, Yuji

3)YOSHINO, Takashi

4)SATO, Hiroki

5)TANAKA, Kazuho

6)SUGIMOTO, Hiromi

7)MANABE, Yoshihisa

8)BACON, Kevin

9)URBAHNS, Klaus

10)SEKI, Masanori

11)SHINTANI, Takuya

(57) Abstract :

The present invention relates to a pyrimidine derivative of the formula (I) and salts thereof which is useful as an active ingredient of pharmaceutical preparations. The pyrimidine derivative of the present invention has excellent CRTH2 (G-protein-coupled chemoattractant receptor, expressed on Th2 cells) antagonistic activity and can be used for the prophylaxis and treatment of diseases associated with CRTH2 activity, in particular for the treatment of allergic diseases, such as asthma, allergic rhinitis, atopic dermatitis, and allergic conjunctivitis; eosinophil-related diseases, such as Churg-Strauss syndrome and sinusitis; basophil-related diseases, such as basophilic leukemia, chronic urticaria and basophilic leukocytosis in human and other mammals; and inflammatory diseases characterized by T lymphocytes and profuse leukocyte infiltrates such as psoriasis, eczema, inflammatory bowel disease, ulcerative colitis, Crohn's disease, COPD (chronic obstructive pulmonary disorder) and arthritis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3144/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARATUS AND METHOD FOR THE FORMING OF A FILM STRIP

(51) International classification	:B29C43/46,33/02,43/22	(71)Name of Applicant :
(31) Priority Document No	:04002152.9	1)KARK AG
(32) Priority Date	:30/01/2004	Address of Applicant : Cuxhavener Strasse 60b, 21149 Hamburg Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2004/004145	1)KARK, Uwe
Filing Date	:19/04/2004	
(87) International Publication No	:WO/2005/072929	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Apparatus for the forming of a strip, formable at increased temperature, in particular of a strip consisting of thermoplastic, in a continuous run on the surface of a rotating drum (1) which is to be heated and/or to be cooled in predetermined stationary regions (1a, 11). In order to reduce the energy losses due to the heating and cooling alternation, the thin-walled drum is mounted on a carrier body (5) which can be heated or cooled in the respective regions and is heat-exchangeable with the drum surface at least in these regions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3145/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANORECTIC AGENT AND AIR REGULATOR FOR DIET.

(51) International classification	:A23L2/38,1/30,2/52	(71)Name of Applicant :
(31) Priority Document No	:2005-095721	1)YAMASHITA, Hiromichi
(32) Priority Date	:29/03/2005	Address of Applicant : 27-16, Senriyamanishi 4-chome, Suita-chi, Osaka,
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP06/304618	(72)Name of Inventor :
Filing Date	:09/03/2006	1)YAMASHITA, Hiromichi
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An object is to provide an anorectic agent, a diet method and an appetite suppressing apparatus with which one can suppress~ appetite properly without physical or mental burdens or excessive efforts and without any detrimental side effect and can lose weight safely and healthily. An anorectic agent contains an aqueous solvent extract of Vernonia cinerea as an active ingredient, or preferably contains aqueous solvent extracts of Vernonia cinerea and mulberry as active ingredients. The liquid content of the anorectic agent is evaporated so that a dieter can inhale its vapor. The active ingredients are odorless. They are not absorbed into the body through digestive organs if taken orally, but can be taken directly into blood through respiratory organs such as lungs and nose mucous membrane. The active ingredients then acts on the central nervous system, thereby causing the dieter to lose appetite and thus lose weight. This effect does not appear in a person who does not want to lose weight.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3146/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SPRING SUPPORTED DUAL ELEMENT FACE SEAL WITH A RUN SURFACE SLEEVE

(51) International classification :F16J 15/34

(31) Priority Document No :60/540,468

(32) Priority Date :30/01/2004

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

(86) International Application No :PCT/US2005/003151

Filing Date :31/01/2005

(87) International Publication No :WO/2005/074595

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)FEDERAL-MOGUL CORPORATION

Address of Applicant : 26555 Northwestern Highway, Southfield, MI
48034 U.S.A.

(72)Name of Inventor :

1)MORMILE, David, G.

2)VINTON, Mark, D.

(57) Abstract :

The invention provides a seal for a rotatable shaft. The seal includes an inner case mountable to the shaft and having a body and first and second flanges extending radially outward from the body. The seal includes first and second sealing discs operable to seal against the first and second flanges of the inner case. The sealing discs are immovably associated with a housing spaced from the shaft. A spring encircles the shaft and inner case to urge the sealing discs against the flanges. The spring rate of the spring is controlled to enhance sealing, reduce turning torque, and extend life of the seal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3147/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USE OF ACE INHIBITORS AND/OR ANGIOTENSIN II RECEPTOR ANTAGONISTS FOR THE IMPROVING AND/OR MAINTAINING THE SKIN TONE AND FOR THE TREATMENT OF SKIN AGEING

(51) International classification	:A61K7/48
(31) Priority Document No	:PA 2004 00136
(32) Priority Date	:30/01/2004
(33) Name of priority country	:Denmark
(86) International Application No	:PCT/DK2005/000065
Filing Date	:28/01/2005
(87) International Publication No	:WO/2005/072696
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**

1)Ace ApS

Address of Applicant : Strandgade 95, DK-3000 Helsingør Denmark

(72)**Name of Inventor :**

1)JENSEN, Benny Vittrup

(57) Abstract :

The present invention relates to use of an ACE inhibitor and/or angiotensin II receptor antagonist of the preparation of a medicament for the treatment of skin ageing or wrinkling. Furthermore, the present invention relates to use of an ACE inhibitor and/or angiotensin II receptor antagonist for the preparation of a cosmetic composition.

(54) Title of the invention : INJECTION MOLDING

(51) International classification	:B29C45/33,B65D50/04	(71) Name of Applicant :
(31) Priority Document No	:10/768,331	1)OWENS-ILLINOIS PRESCRIPTION PRODUCTS INC.
(32) Priority Date	:30/01/2004	Address of Applicant : One SeaGate, Toledo, OH 43666 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/002711	1)ANCTIL, Albert, R.
Filing Date	:28/01/2005	2)ALLEN, Richard, L.
(87) International Publication No	:WO/2005/075175	3)HUSSAIN, Tasadduq
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method and apparatus for injection molding an article (10) including a radially extending child resistant feature (22). Finish block halves (216,218) are provided that include a pocket (246) and that are closable together to form a neck-finish mold cavity. Mold body halves (220,222) are provided that include a core portion (249) and that are closable together to form a body mold cavity. The core portion (249) is advanceable toward the pocket (246) to cooperate therewith to define a cavity for forming the child resistant feature (22). The core portion (249) may be integrally formed into one or more of the mold body halves (220,222), or may be separately mounted and relatively movable with respect thereto.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3149/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RODENTICIDE

(51) International classification	:A01N25/00,47/02
(31) Priority Document No	:0401988.1
(32) Priority Date	:30/01/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/000024
Filing Date	:07/01/2005
(87) International Publication No	:WO/2005/072524
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)RECKITT BENCKISER (AUSTRALIA) PTY LIMITED
Address of Applicant : 44 Wharf Road, West Ryde, NSW 2114 Australia
(72)**Name of Inventor :**
1)BOWMAN, Gary, Raymond
2)WATSON, Duncan, McLeod
3)REIDY, Gordon, Francis

(57) Abstract :

The invention relates to the systemic insecticide fipronil in conjunction with a rodenticide used for manufacture of a bait composition to provide a lethal effect on fleas and/or ticks and a host rodent, following ingestion of the bait composition by the host rodent. Preferred rodenticides are brodifacoum, difethialone, flocoumafen, bromadiolone and mixtures thereof. The invention also relates to rodenticidal bait compositions and to a method of killing ticks and a host rodent by providing for ingestion to the rodent, a bait composition comprising an effective amount of a rodenticide and an acaricidally effective amount of fipronil.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3150/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANORECTIC COMPOUNDS

(51) International classification	:A61K31/5383,31/50,31/40,31/235	(71)Name of Applicant :
(31) Priority Document No	:2004-024812	1)JAPAN TOBACCO INC.
(32) Priority Date	:30/01/2004	Address of Applicant : 2-1, Toranomom 2-chome, Minato-ku, Tokyo,
(33) Name of priority country	:Japan	1058422 Japan
(86) International Application No	:PCT/JP2005/001643	(72)Name of Inventor :
Filing Date	:28/01/2005	1)OGAWA, Nobuya
(87) International Publication No	:WO 2005/072740	2)OKUMA, Chihiro
(61) Patent of Addition to Application Number	:NA	3)FURUKAWA, Noboru
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to an anorectic containing a compound having a DGAT inhibitory activity (DGAT1 inhibitory activity) or a prodrug thereof or a pharmaceutically acceptable salt thereof as an active ingredient. The present invention provides an anti-obesity drug which is an anorectic that does not directly act on the central nervous system and is satisfactory in terms of activity, and a therapeutic strategy for preventing or treating obesity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3151/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COOLING APPARATUS COMPRISING METAL TUBES CONNECTED THROUGH SOLDERED LAP JOINTS

(51) International classification	:B23K35/26,1/00,F25D23/00	(71)Name of Applicant :
(31) Priority Document No	:0404275.0	1)KENMORE UK LIMITED
(32) Priority Date	:27/02/2004	Address of Applicant : Prospect Road, Crook, Co. Durham DL15 8JN
(33) Name of priority country	:U.K.	U.K.
(86) International Application No	:PCT/GB2005/000730	(72)Name of Inventor :
Filing Date	:24/02/2005	1)GENNER, Colin
(87) International Publication No	:WO 2005/082570	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A cooling apparatus, e.g. a refrigerator or a freezer, comprises an insulated chiller or freezer box, accessible by a door, and means for cooling the interior of the box, said means comprising a heat exchanger including a tube evaporator system, wherein a first part of the system is located inside of the box and a second part of which is located outside of the box, wherein said system comprises a plurality of tubes connected to provide a pathway for a refrigerant which in use is circulated between said first part and said second part of said system. The metal tubes of the system which in use contact refrigerant which is at a temperature of 0 °C or less are connected by lap joints sealed in a gas tight manner by a solder which a) has a melting temperature of from 180 to 300 °C and/or b) is a tin solder.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3152/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :30/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : STABILIZED ENZYME FORMULATIONS

(51) International classification	:A23K1/00,1/165,C12N9/16,9/98	(71) Name of Applicant :
(31) Priority Document No	:04002050.5	1)BASF Aktiengesellschaft
(32) Priority Date	:30/01/2004	Address of Applicant : D-67056 Ludwigshafen Germany
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/000826	1)HABICH, Andreas
Filing Date	:28/01/2005	2)BRAUN, Jorg
(87) International Publication No	:WO 2005/074705	
(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 stabilized solid or liquid enzyme formulation comprising at least one enzyme and at least one stabilizing agent selected from the group consisting of gummi arabicum, at least one plant protein and mixtures thereof. The invention also relates to processes for producing these formulations, especially to solid formulations (e.g. granules) and their use in animal and/or human nutrition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3153/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIV INTEGRASE INHIBITORS

(51) International classification :A61K31/00

(31) Priority Document No :60/551,440

(32) Priority Date :09/03/2004

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

(86) International Application No :PCT/US2005/007106

Filing Date :04/03/2005

(87) International Publication No :WO 2005/086700

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)MERCK & CO., INC.

Address of Applicant : 126 East Lincoln Avenue, Rahway, NJ 07065-0907

U.S.A.

(72)Name of Inventor :

1)MORRISSETTE, Matthew, M.

2)WILLIAMS, Peter, D

3)WAI, John, S.

4)FISHER, Thorsten, E.

5)LYLE, Terry, A.

(57) Abstract :

Compounds of Formula I are inhibitors of HIV integrase and inhibitors of HIV replication: (I) wherein Z, R1, R2, R3, R4, R5, R6, R7, R8 and R9 are defined herein. The compounds are useful in the prevention and treatment of infection by HIV and in the prevention, delay in the onset, and treatment of AIDS. The compounds are employed against HIV infection and AIDS as compounds per se or in the form of pharmaceutically acceptable salts. The compounds and their salts can be employed as ingredients in pharmaceutical compositions, optionally in combination with other antivirals, immunomodulators, antibiotics or vaccines.

(54) Title of the invention : HIV INTEGRASE INHIBITORS

(51) International classification :C07D471/04,A61K31/4375,A61P31/12,37/02

(31) Priority Document No :60/551,625

(32) Priority Date :09/03/2004

(33) Name of priority country :China

(86) International Application
No :PCT/US2005/007730

Filing Date :09/03/2005

(87) International Publication
No :WO 2005/087767(61) Patent of Addition to
Application Number :NA

Filing Date :NA

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

(71)Name of Applicant :

1)MERCK & CO., INC.Address of Applicant : 126 East Lincoln Avenue, Rahway, New Jersey
07065-0907 U.S.A.

(72)Name of Inventor :

1)HAN, Wei**2)EGBERTSON, Melissa****3)WAI, John, S.****4)ZHUANG, Linghang****5)RUZEK, Rowena, D.****6)PERLOW, Debra, S.****7)OBLIGADO, Vanessa, E.**

(57) Abstract :

Hydroxy (tetra- or hexa-)hydronaphthyridine dione compounds of Formula (I) are inhibitors of HIV integrase and inhibitors of HIV replication wherein X1, X2, R4 and R5 are defined herein. The compounds are useful in the prevention and treatment of infection by HIV and in the prevention, delay in the onset, and treatment of AIDS. The compounds are employed against HIV infection and AIDS as compounds per se or in the form of pharmaceutically acceptable salts. The compounds and their salts can be employed as ingredients in pharmaceutical compositions, optionally in combination with other antivirals, immunomodulators, antibiotics or vaccines.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3155/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HETEROARYL PIPERIDINE GLYCINE TRANSPORTER INHIBITORS

		(71)Name of Applicant :
		1)MERCK & CO., INC.
		Address of Applicant : 126 East Lincoln Avenue, Rahway, NJ 07065-0907 U.S.A.
		2)SHARP & DOHME LIMITED
		(72)Name of Inventor :
		1)BLACKABY, Wesley
		2)DUGGAN, Mark, E.
		3)HALLETT, David
		4)HARTMAN, George, D.
		5)JENNINGS, Andrew, S.
		6)LEISTER, William, H.
		7)LEWIS, Richard, T.
		8)LINDSLEY, Craig, W.
		9)NAYLOR, Elizabeth
		10)STREET, Leslie, J.
		11)WANG, Yi
		12)WISNOSKI, David, D.
		13)WOLKENBERG, Scott, E.
		14)ZHAO, Zhijian
(51) International classification	:A61K31/445,C07D401/04,A61K31/505	
(31) Priority Document No	:60/555,925	
(32) Priority Date	:24/03/2004	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:PCT/US2005/009810	
Filing Date	:23/03/2005	
(87) International Publication No	:WO 2005/094514	
(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 pyridyl, pyridazinyl, pyrimidinyl and pyrazinyl piperidine compounds that inhibit the glycine transporter GlyT1 and which are useful in the treatment of neurological and psychiatric disorders associated with glycinergic or glutamatergic neurotransmission dysfunction and diseases in which the glycine transporter GlyT1 is involved.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3156/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIV INTEGRASE INHIBITORS

(51) International classification	:C07D471/04,487/04,487/16,A61K31/5025	(71)Name of Applicant :	
(31) Priority Document No	:60/551,601	1)ISTITUTO DI RICERCHE DI BIOLOGIA MOLECOLARE P	
(32) Priority Date	:09/03/2004	ANGELETTI SPA	
(33) Name of priority country	:U.S.A.	Address of Applicant : Via Pontina KM 30.600, I-00040 Pomezia (Rome)	
(86) International Application No	:PCT/GB2005/000746	(IT). Italy	
Filing Date	:01/03/2005	(72)Name of Inventor :	
(87) International Publication No	:WO 2005/087766	1)DONGHI, Monica	
(61) Patent of Addition to	:NA	2)GARDELLI, Cristina	
Application Number	:NA	3)JONES, Philip	
Filing Date	:NA	4)SUMMA, Vincenzo	
(62) Divisional to Application	:NA		
Number	:NA		
Filing Date	:NA		

(57) Abstract :

Pyridopyrazine- and pyrimidopyrazine-dione compounds are inhibitors of HIV integrase and inhibitors of HIV replication. In one embodiment, the dihydroxypyridine carboxamides are of Formula (I); wherein G, Q, bond a, R5, R6 and R7 are defined herein. The compounds are useful in the prevention and treatment of infection by HIV and in the prevention, delay in the onset, and treatment of AIDS. The compounds are employed against HIV infection and AIDS as compounds per se or in the form of pharmaceutically acceptable salts. The compounds and their salts can be employed as ingredients in pharmaceutical compositions, optionally in combination with other antivirals, immunomodulators, antibiotics or vaccines.

(54) Title of the invention : IMIDAZO[1,2-C]PYRIMIDINYLACETIC ACID DERIVATIVES

(51) International classification	:C07D487/04,A61K31/519
(31) Priority Document No	:04002144.6
(32) Priority Date	:31/01/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/EP2005/000475
Filing Date	:19/01/2005
(87) International Publication No	:WO/2005/073234
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)ACTIMIS PHARMACEUTICALS, INC.Address of Applicant : 11099 North Torrey Pines Road, La Jolla, CA
92037 U.S.A.

(72)Name of Inventor :

1)LY, Tai-wei**2)YOSHINO, Takashi****3)TAKEKAWA, Yuki****4)SHINTANI, Takuya****5)SUGIMOTO, Hiromi****6)BACON, Kevin B.****7)URBAHNS, Klaus**

(57) Abstract :

The present invention relates to an imidazo[1,2-c]pyrimidinylacetic acid derivative and salts thereof which is useful as an active ingredient of pharmaceutical preparations. The imidazo[1,2-c]pyrimidinylacetic acid derivative of the present invention has excellent CRTH2 (G-protein-coupled chemoattractant receptor, expressed on Th2 cells) antagonistic activity and can be used for the prophylaxis and treatment of diseases associated with CRTH2 activity, in particular for the treatment of allergic diseases, such as asthma, allergic rhinitis, atopic dermatitis, and allergic conjunctivitis; eosinophil-related diseases, such as Churg-Strauss syndrome and sinusitis; basophil-related diseases, such as basophilic leukemia, chronic urticaria and basophilic leukocytosis in human and other mammals; and inflammatory diseases characterized by T lymphocytes and profuse leukocyte infiltrates such as psoriasis, eczema, inflammatory bowel disease, ulcerative colitis, Crohn's disease, COPD (chronic obstructive pulmonary disorder) and arthritis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3158/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF COATING A SUBSTRATE WITH A FLUOROPOLYMER DISPERSION

(51) International classification	:B05D5/08	(71)Name of Applicant :
(31) Priority Document No	:04075603.3	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:01/03/2004	Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul,
(33) Name of priority country	:EUROPEAN UNION	Minnesota 55133-3427 U.S.A.
(86) International Application No	:PCT/US2005/001845	(72)Name of Inventor :
Filing Date	:21/01/2005	1)DADALAS, Michael, C.;
(87) International Publication No	:WO/2005/092520	2)HINTZER, Klaus;
(61) Patent of Addition to Application Number	:NA	3)LOEHR, Gernot;
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a method of coating a substrate having a surface defined by a layer of fluoropolymer. The method utilizes an aqueous dispersion that includes: particles of melt-processible fluoropolymer in an amount of 30 to 70% by weight; a fluorinated surfactant in an amount of not more than 250ppm based on fluoropolymer solids of the aqueous dispersion; and a non-ionic surfactant comprising an ethoxylated aliphatic alcohol in an amount of 2 to 15% by weight based on total solids of the aqueous dispersion. The aqueous dispersion is free or substantially free of aromatic group containing non-ionic surfactants. The aqueous dispersion may be optionally diluted and/or modified with additional components to obtain a coating composition. The coating composition may then be applied on at least part of the surface of the substrate to define the fluoropolymer layer.

(54) Title of the invention : HYDROXYETHYL STARCH

(51) International classification	:C08B31/00	(71)Name of Applicant :
(31) Priority Document No	:04100813.7	1)B. BRAUN MELSUNGEN AG
(32) Priority Date	:01/03/2004	Address of Applicant : Carl-Braun-Strasse 1, 34212 Melsungen Germany
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/050877	1)BOLL, Michael
Filing Date	:01/03/2005	2)FISCH, Andreas
(87) International Publication No	:WO/2005/082942	3)SPAHN, Donat R.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Described are a hydroxyethylstarch, a process for the preparation thereof, a pharmaceutical formulation containing such a hydroxyethylstarch, and the use of the pharmaceutical formulation for the preparation of a volume replacement, a plasma replacement or a plasma volume expander, as well as the use of the pharmaceutical formulation for maintaining normovolemia and/or for improving the macro- and microcirculation and/or for improving the nutritive oxygen supply and/or for stabilizing hemodynamics and/or for improving the volume efficiency and/or for reducing the plasma viscosity and/or for increasing anemia tolerance and/or for hemodilution, especially for therapeutic hemodilution in disturbed blood supply and arterial, especially peripheral arterial, occlusive diseases.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3160/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A MEDICAL SOLUTION, A METHOD FOR PRODUCING SAID MEDICAL SOLUTION AND USE THEREOF

(51) International classification :A61K31/7004,A61P7/08 (31) Priority Document No :0400522-9 (32) Priority Date :01/03/2004 (33) Name of priority country :Sweden (86) International Application No :PCT/SE2005/000238 Filing Date :22/02/2005 (87) International Publication No :WO/2005/082378 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)GAMBRO LUNDIA AB Address of Applicant : P.O. Box 10101, S-220 10 Lund Sweden (72)Name of Inventor : 1)CARLSSON, Ola 2)ERIXON, Martin 3)FORSBACK, Gunita 4)KJELLSTRAND, Per 5)LINDEN, Torbjorn 6)WIESLANDER, Anders

(57) Abstract :

The present invention relates to a medical solution comprising a first single solution containing glucose and/or glucose-like compound. According to the present invention said first single solution has a pH in the range of 1.8-2.6. The present invention further relates to a method for producing said medical solution as well as use thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3161/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :28/11/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS AND SYSTEMS FOR IMAGE SHARING OVER A NETWORK

(51) International classification :G 06 F 15/06

(31) Priority Document No :60/471,168

(32) Priority Date :16/05/2003

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

(86) International Application No :PCT/US2004/015255

Filing Date :17/05/2004

(87) International Publication No :WO/2004/104759

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)PICASA INC

Address of Applicant :130 West Union St., Pasadena, CA 91103 U.S.A.

(72)Name of Inventor :

1)HERF Michael

2)MCBARRON Brian

(57) Abstract :

Methods and systems are provided for sharing images over a network. A first user selects an image for sharing and designates an image recipient. Metadata for the first image is transmitted from the first user's terminal to the image recipient's terminal. At least partly in response to receiving the metadata, the image recipient's terminal transmits a request for the first image at a first resolution to the first user's terminal. In response to the request, the first user's terminal transmits the first image at the requested first resolution to the image recipient's terminal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3161/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMMUNICATION APPARATUS AND COMMUNICATION METHOD

(51) International classification	:H04B3/54	(71)Name of Applicant :
(31) Priority Document No	:2005-000163	1)MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
(32) Priority Date	:04/01/2005	Address of Applicant : 1006, Oaza Kadoma, Kadoma-shi, Osaka, 5718501
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2005/024265	(72)Name of Inventor :
Filing Date	:28/12/2005	1)KODAMA, Nobutaka.
(87) International Publication No	:WO/2006/073138	2)KOGA, Hisao
(61) Patent of Addition to Application Number	:NA	3)IGATA, Yuji
Filing Date	:NA	4)OHMI, Shinichiro
(62) Divisional to Application Number	:NA	5)KURODA, Go
Filing Date	:NA	

(57) Abstract :

A communication system includes a synchronizing signal generator that generates a synchronizing signal based on a timing of an alternating waveform in a power line, a data communicating circuit that performs the data communication, and a communication controller that controls to acquire a transmitting right utilizing a timing of the synchronizing signal and to control the communication circuit in accordance with whether or not the communication apparatus acquires the transmitting right.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3162/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A MEDICAL SOLUTION, A METHOD FOR PRODUCING SAID MEDICAL SOLUTION AND USE THEREOF

(51) International classification :A61K33/10,A61P7/08 (31) Priority Document No :0400523-7 (32) Priority Date :01/03/2004 (33) Name of priority country :Sweden (86) International Application No :PCT/SE2005/000278 Filing Date :22/02/2005 (87) International Publication No :WO/2005/082383 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)GAMBRO LUNDIA AB Address of Applicant : P.O. Box 10101, S-220 10 Lund Sweden (72)Name of Inventor : 1)ERNEBRANT, Malin 2)BERTINSSON, Gert-Inge 3)LINDEN, Torbjorn 4)OLSSON, Lars-Fride 5)SANDSTROM, Theodor 6)SVENSSON, Therese 7)WIESLANDER, Anders

(57) Abstract :

The present invention relates to a medical solution, a method for producing said medical solution, a multi-compartment bag containing the medical solution as well as use of said medical solution. According to the invention the medical solution comprises a first single solution comprising bicarbonate and carbonate in such proportions that the partial pressure of carbon dioxide, CO₂, in the first single solution is of the same order of magnitude as the partial pressure of carbon dioxide, CO₂, of the atmosphere. The medical solution further comprises a second single solution comprising an acid. Said first and second single solutions are, after terminal sterilization and up on use, to be mixed to form a final solution. Said second single solution has a pH of 1.0-1.5, and said final solution has a pH of 7.0-7.6.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3163/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR CLUSTERED TUNNELING OF REQUESTS IN APPLICATION SERVERS AND TRANSACTION-BASED SYSTEMS

(51) International classification	:G06F15/16,g06f16/30	(71) Name of Applicant :
(31) Priority Document No	:60/572,644	1)BEA SYSTEMS, INC.
(32) Priority Date	:19/05/2004	Address of Applicant : 2315 North First Street, San Jose, California 95131
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/017345	(72) Name of Inventor :
Filing Date	:18/05/2005	1)PIPER, Andrew
(87) International Publication No	:WO/2005/112594	
(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 clustered tunneling of requests in application servers and other systems is provided. The system includes a client, a cluster having a plurality of members, and a proxy. The cluster does not advertise the internal addresses of its members since clients might attempt to directly connect to that member. Instead, the client is configured to include a tunneling layer within which the proxy address is set. The advertised address of the cluster member is then set in a header at the client. During runtime, the client connects to the proxy as before, but then uses its internal information to connect or communicate with the appropriate cluster member. In accordance with an embodiment the client sets a cookie which is then sent to the proxy. The proxy re-writes the cookie with the appropriate cluster member information and uses this information to tunnel the request to the appropriate server.

(54) Title of the invention : MOTOR

(51) International classification	:H02K5/167,5/22,37/14	(71)Name of Applicant :
(31) Priority Document No	:2004-056429	1)MITSUBISHI MATERIALS C.M.I. CORPORATION
(32) Priority Date	:01/03/2004	Address of Applicant : 46-1 Sempuku, Susono-city, Shizuoka 4101116
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2005/001072	(72)Name of Inventor :
Filing Date	:27/01/2005	1)OHKAWA, Takanori
(87) International Publication No	:WO/2005/083870	2)IDA, Takashi
(61) Patent of Addition to Application Number	:NA	3)KODAIRA, Osamu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A motor, comprising a rotor having a rotor magnet fixed to the outer peripheral surface of a rotor body, wherein a supporting shaft part is formed of a material with self-lubricity and the first sliding surface (33c) of the supporting shaft part is rotatably supported. The motor comprises a metal motor case (10), the rotor (30) installed in the motor case (10) to drive a motor shaft (31) projected from the inside of the motor case (10) to the outside through a shaft hole (14) at the end wall part (11b) of the motor case, a stator (20) installed around the rotor (30) in the motor case (10) and rotatingly driving the rotor (30), a cover body (40) installed to close the other end opening part (12) of the motor case (10), and a connector body (50) integrally formed with a resin so as to seal the other end opening part (12) of the motor case (10) from the outside of the cover body (40). Accordingly, the size of the motor can be reduced and the durability of the motor can be increased.

(54) Title of the invention : NANO ELECTRIC AND MICROELECTRONIC CLEANING COMPOSITIONS

(51) International classification :C11D11/00,3/39,3/395,G03F7/42,C11D7/50
 (31) Priority Document No :60/548,977
 (32) Priority Date :01/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No:PCT/US2005/004350
 Filing Date :11/02/2005
 (87) International Publication No :WO/2005/093032
 (61) Patent of Addition to
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application
 Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)MALLINCKRODT BAKER, INC.
 Address of Applicant : McDonnell Boulevard, P.O. Box 5840, St. Louis,
 MO 63134, U.S.A.
 (72)Name of Inventor :
1)HSU, Chien Pin Sherman

(57) Abstract :

Nanoelectronic and microelectronic cleaning compositions for cleaning nanoelectronic and microelectronic substrates under supercritical fluid state conditions, and particularly cleaning compositions useful with and having improved compatibility with nanoelectronic and microelectronic substrates characterized by silicon dioxide, sensitive low- ϵ or high- ϵ dielectrics and copper, tungsten, tantalum, nickel, gold, cobalt, palladium, platinum, chromium, ruthenium, rhodium, iridium, hafnium, titanium, molybdenum, tin and other metallization, as well as substrates of Al or Al(Cu) metallizations and advanced interconnect technologies, are provided by nanoelectronic and microelectronic cleaning compositions comprising nanoelectronic and microelectronic cleaning compositions of this invention are provided by compositions comprising: (1) a supercritical main fluid reaching a supercritical fluid state at a temperature of 250°C or less and a pressure of 600 bars or less (592.2 atm, 8702.3 psi), and (2) as a secondary fluid, a modifier formulation selected from the following formulations: a) a formulation comprising: an oxidizing agent; a polar organic solvent selected from the group consisting of amides, sulfones, sulfolenes, selenones and saturated alcohols; and optionally other components; b) a silicate free formulation comprising: a polar organic solvent selected from the group consisting of amides, sulfones, selenones and saturated alcohols; a strong alkaline base; and optionally other components; c) a formulation comprising: from about 0.05% to 30% by weight of one or more non-ammonium producing strong base containing non-nucleophilic, positively charged counter ions; from about 0.5 to about 99.95% by weight of one or more corrosion inhibiting solvent compounds, said corrosion inhibiting solvent compound having at least two sites capable of complexing with metals; and optionally other components; d) a formulation comprising: from about 0.05 to 20% by weight of one or more non-ammonium producing, non-HF producing fluoride salt; from about 5 to about 99.95% by weight of water, organic solvent or both water and organic solvent; and optionally other components; and e) a formulation comprising: from about 0.05% to 30% by weight of one or more non-ammonium producing strong base containing non-nucleophilic, positively charged counter ions; from about 5 to about 99.95% by weight of one or more steric hindered amide solvents; and optionally other components.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3166/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PLANTS HAVING INCREASED YIELD AND METHOD FOR MAKING THE SAME

(51) International classification	:C12N15/82	(71) Name of Applicant :
(31) Priority Document No	:04100814.5	1)CROPDESIGN N.V.
(32) Priority Date	:01/03/2004	Address of Applicant : Technologiepark 3, B-9052 Zwijnaarde Belgium
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/050874	1)FRANKARD, Valerie
Filing Date	:01/03/2005	
(87) International Publication No	:WO/2005/083094	
(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 concerns a method for increasing plant yield, particularly seed yield, comprising introducing into a plant a nucleic acid encoding a CDKD or a functional variant thereof. The invention also provides transgenic plants produced by the methods of the invention and provides constructs useful in methods of the invention.

(54) Title of the invention : HAND DRYING APPARATUS

(51) International classification	:A47K10/48,A47K10/00,A47K10/48	(71)Name of Applicant :
(31) Priority Document No	:NA	1)MITSUBISHI DENKI KABUSHIKI KAISHA
(32) Priority Date	:NA	Address of Applicant : 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo,
(33) Name of priority country	:NA	100-8310, Japan
(86) International Application No	:PCT/JP05/15095	(72)Name of Inventor :
Filing Date	:18/08/2005	1)KAMEISHI, Keiji,
(87) International Publication No	: NA	2)KOBAYASHI, Takaki,
(61) Patent of Addition to Application Number	:NA	3)NAKAMURA, Jun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A hand drying "apparatus includes a hand inserting portion (3) having a concave shape including a front inner wall facing a back inner wall, an airflow generator (2) that generates high-pressure airflows, and a first air nozzle (6a) and a second air nozzle (6b) that inject the high-pressure airflows to the hand inserting portion (3). The first air nozzle (6a) is provided on the front inner wall and the second air nozzle (6b) is provided on the back inner wall. The first air nozzle (6a) includes slit-shaped first holes (7a) arranged in a line, each having a first length (La). The second air nozzle (6b) includes slit-shaped second holes (7b) arranged in a line, each having a second length (Lb). The first length (La) and the second length (Lb) are different.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3168/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTI-FUNCTIONAL SUPPORT MEANS FOR HOUSEHOLD ELECTRICAL APPLIANCES SUCH AS FREEZERS, REFRIGERATORS AND THE LIKE

(51) International classification :F25D23/00,B60B33/00,D06F39/12
(31) Priority Document No :MI2004U000077
(32) Priority Date :01/03/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/050836
Filing Date :28/02/2005
(87) International Publication No :WO/2005/085724
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1)WHIRLPOOL CORPORATION
Address of Applicant : Whirlpool Corporation, 2000 M 63, Benton Harbor, Michigan 49022 U.S.A.
(72)**Name of Inventor :**
1)CONTI, Amedeo
2)CASOLI, Fiorenzo

(57) Abstract :

A floor support device (1) for household electrical appliances such as freezers, refrigerators and the like, comprising a static support part (3) rigid with the appliance, said static support part being provided with at least one seat to removably receive a wheel for transforming said static support part into a dynamic support part.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3169/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :31/08/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : APPARATUS FOR READING/WRITING MULTILAYER OPTICAL DISC WITH IMPROVED LAYER JUMP

(51) International classification	:G11B7/09
(31) Priority Document No	:04300104.9
(32) Priority Date	:01/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050677
Filing Date	:24/02/2005
(87) International Publication No	:WO/2005/088617
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Arima Devices Corporation
Address of Applicant : TrustNet Chambers, P O Box 3444, Road Town,
Tortola, British Virginia
(72)**Name of Inventor :**
1)ZHANG, Rain

(57) Abstract :

The invention relates to a multilayer optical disc reading and/or writing apparatus comprising means for performing accurate jumps between layers of a multilayer optical disc. To perform a jump, the objective lens is moved, relative to a static reference, along a focusing direction (Z) from a first layer towards a second layer of the disc according to a set of kinetic parameters. According to the invention, a focus error signal (FE) correlated with the shift (Δz) between the focus point (P) and the first layer is monitored during the motion of the lens. The time period (Δt) elapsed between a first characteristic value and a second characteristic value of said focus error signal is determined, and the set of kinetic parameters is adjusted, when said second characteristic value is reached, depending on said time period, to overcome the effects of the disc motion relative to said static reference.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3170/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USER INTERFACE METHODS, SUCH AS FOR CUSTOMER SELF-SUPPORT ON A MOBILE DEVICE

(51) International classification	:H04M3/42,H04B1/38
(31) Priority Document No	:60/546,687
(32) Priority Date	:20/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005517
Filing Date	:18/02/2005
(87) International Publication No	:WO/2005/083996
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SNAPin Software Inc
Address of Applicant : 411 108th Avenue NE, Suite 600 Bellevue,
Washington 98004 U.S.A.
(72)**Name of Inventor :**
1)ROUNDTREE, Brian
2)RUSH, Keldon
3)ALLAN, Kevin
4)BEINIKIS, Linda

(57) Abstract :

A method for providing a localized, context-sensitive user interface (100) for mobile devices is presented. The mobile device may automatically display (120) information received from the network, and update settings on the device when network status changes. A user interface for readily accessing common functions permits efficient navigation on the mobile device. In addition, help buttons (110) are provided that allow subscribers to access customer support services without dialing a customer support number.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3171/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CALL INTERCEPT METHODS, SUCH AS FOR CUSTOMER SELF-SUPPORT ON A MOBILE DEVICE

(51) International classification : H04B 1/38

(31) Priority Document No :60/546,687

(32) Priority Date :20/02/2004

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

(86) International Application No :PCT/US2005/005135

Filing Date :18/02/2005

(87) International Publication No :WO/2005/081852

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SNAPIN SOFTWARE INC.

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98004 U.S.A.

(72)Name of Inventor :

1)ROUNDTREE, Brian

2)RUSH, Keldon

3)ALLAN, Kevin

4)BEINIKIS, Linda

(57) Abstract :

A method for intercepting calls from a remote or mobile device (100) for customer self-support detects when users or subscribers dial one or more predetermined numbers. If the number corresponds to one of the predetermined numbers (such as a customer support number), the phone may intercept the call and display a list of potential solutions to the subscriber's problems. Various other features and embodiments are disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3172/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PYRAZOLE COMPOUNDS AND USE THEREOF IN NOXIOUS ARTHROPOD PESTS CONTROLLING COMPOSITION

(51) International classification	:C07D231/20,A01N43/56	(71) Name of Applicant :
(31) Priority Document No	:2004-029041	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:05/02/2004	Address of Applicant : 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo,
(33) Name of priority country	:Japan	1048260 Japan
(86) International Application No	:PCT/JP2005/001309	(72) Name of Inventor :
Filing Date	:25/01/2005	1)TAKYO, Hayato
(87) International Publication No	:WO/2005/075433	2)HASHIZUME, Masaya
(61) Patent of Addition to Application Number	:NA	3)SAKAMOTO, Noriyasu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides a pyrazole compound of formula (a); a noxious arthropod pests controlling composition containing the compound shown by the formula (a) as an active ingredient; and a method for controlling noxious arthropod pests comprising applying an effective amount of the compound shown by the formula (a).

(54) Title of the invention : BETA-AMINOACID-DERIVATIVES AS FACTOR XA INHIBITORS

(51) International classification	:C07K5/02,C07D413/12,409/12,295/104,	(71) Name of Applicant :
(31) Priority Document No	:04004904.1	1)SANOFI-AVENTIS DEUTSCHLAND GMBH
(32) Priority Date	:03/03/2004	Address of Applicant : Bruningstrasse 50, 65929 Frankfurt am main,
(33) Name of priority country	:EUROPEAN UNION	Germany Germany
(86) International Application No	:PCT/EP2005/01736	(72) Name of Inventor :
Filing Date	:19/02/2005	1)URMANN, Matthias
(87) International Publication No	:WO/2005/095440	2)NAZARE, Marc
(61) Patent of Addition to	:NA	3)WEHNER, Volkmar
Application Number	:NA	4)MATTER, Hans
Filing Date	:NA	5)BAUER, Armin
(62) Divisional to Application	:NA	6)WAGNER, Michael
Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to compounds of the Formula (I), in which R^o; R1; R2; R3; R4; R5; R6; Q; V; G and M have the meanings indicated in the claims. The compounds of the formula I are valuable pharmacologically active compounds. They exhibit a strong antithrombotic effect and are suitable, for example, for the therapy and prophylaxis of cardiovascular disorders like thromboembolic diseases or restenoses. They are reversible inhibitors of the blood clotting enzymes factor Xa (FXa) and/or factor VIIa (FVIIa), and can in general be applied in conditions in which an undesired activity of factor Xa and/or factor VIIa is present or for the cure or prevention of which an inhibition of factor Xa and/or factor VIIa is intended. The invention furthermore relates to processes for the preparation of compounds of the formula I, their use, in particular as active ingredients in pharmaceuticals, and pharmaceutical preparations comprising them.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3174/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF OPTICAL ISOMER SEPARATION WITH USE OF SUPERCRITICAL FLUID CHROMATOGRAPHY

(51) International classification	:G01N30/02,3088,B01D15/08	(71)Name of Applicant :
(31) Priority Document No	:2004-026658	1)DAICEL CHEMICAL INDUSTRIES, LTD.
(32) Priority Date	:03/02/2004	Address of Applicant : 1, Teppo-cho, Sakai-ku, Sakai-shi, Osaka, 5900905
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2005/01613	(72)Name of Inventor :
Filing Date	:03/02/2005	1)MATABE, Akihiro
(87) International Publication No	:WO/2005/075974 A1	2)ODA, Hirofumi
(61) Patent of Addition to Application Number	:NA	3)ISHIGURO, Takeshi
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A supercritical fluid chromatography using a column packed with an optical isomer separating agent containing a polysaccharide derivative capable of optical isomer separation, wherein use is made of a mobile phase containing a supercritical fluid and wherein as the optical isomer separating agent packed in the column to conduct optical isomer separation, an optical isomer separating agent containing a polysaccharide derivative capable of optical isomer separation in an amount of 50% by mass or more based on the entirety of the optical isomer separating agent is used to thereby, even in the use of optical isomer separating agent with a multiplicity of identification sites, enable accomplishing excellent separation of optical isomers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3175/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CASING STRUCTURE OF COMPRESSED WOOD

(51) International classification	:B27M1/02,3/34,H04N5/225	(71) Name of Applicant :
(31) Priority Document No	:2004-059271	1)OLYMPUS CORPORATION
(32) Priority Date	:03/03/2004	Address of Applicant : 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo
(33) Name of priority country	:Japan	1510072 Japan
(86) International Application No	:PCT/JP2005/02679	(72) Name of Inventor :
Filing Date	:15/02/2005	1) SUZUKI, Tatsuya
(87) International Publication No	:WO/2005/084899	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a casing structure (10) that holds a predetermined object between a plurality of compressed wood pieces, each of a front panel (11) and a rear panel (12) of the compressed wood includes a main surface portion (11a, 12a) and side surface portions (11b - 11e, 12b - 12e) formed integrally around all the peripheral edges of the main surface portion and non-parallel therewith, and wood fiber directions in the main surface portion and the side surface portions of the front and rear panels are substantially symmetrical with respect to an opposing surface between the front and rear panels.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3176/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PORTABLE ELECTRONIC DEVICE WITH AN ANALOG DISPLAY RATE OF CLIMB INDICATOR

(51) International classification	:G04G1/04,G01C5/06	(71) Name of Applicant :
(31) Priority Document No	:04100861.6	1)ETA SA MANUFACTURE HORLOGERE SUISSE
(32) Priority Date	:03/03/2004	Address of Applicant : Schild-Rust-Strasse 17, CH-2540
(33) Name of priority country	:EUROPEAN UNION	Grenchen/Granges Switzerland
(86) International Application No	:PCT/EP2005/02166	(72) Name of Inventor :
Filing Date	:02/03/2005	1)MATTHEY, Gerald, Maurice
(87) International Publication No	:WO/2005/096106	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A portable electronic device (1) is described, in particular of bracelet watch type, comprising at least first and second display members (8 and 9), means (23, 31) for making measurements of a physical magnitude related to the value of the altitude and a memory zone (26) for storing the measured values of the physical magnitude. The electronic circuits (20) of the device are adapted to control the analog display members, in one mode of operation called the rate of climb mode, so that a first display member (9) indicates the instantaneous rate of change of altitude and the second display member (8) indicates the value of a mean rate of change of altitude against appropriate graduations (10) of the device. Such a device finds its principle application in the field of aeronautical sports.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3177/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NONAQUEOUS ELECTROLYTE SOLUTION AND LITHIUM SECONDARY BATTERY

(51) International classification	:H01M10/40
(31) Priority Document No	:2004-025834
(32) Priority Date	:02/02/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/01424
Filing Date	:01/02/2005
(87) International Publication No	:WO/2005/074067
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)UBE INDUSTRIES, LTD.
Address of Applicant : 1978-96, O-Aza Kogushi, Ube-shi Yamaguchi,
7558633 Japan
(72)**Name of Inventor :**
1)ABE, Koji

(57) Abstract :

Disclosed is a lithium secondary battery wherein both overcharge safety and cycle characteristics are improved together. [MEANS FOR SOLVING PROBLEMS] As the nonaqueous electrolyte solution for such a lithium secondary battery, there is used a nonaqueous electrolyte solution obtained by dissolving an electrolyte in a nonaqueous solvent containing plural kinds of cyclic carbonate compounds which electrolyte solution further contains 1-10 mass% of a cyclohexylbenzene compound wherein a halogen atom is bonded to a benzene ring and 0.1-5 mass% of a fluorobenzene compound.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3178/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SURFACE COATING DEVICE

(51) International classification :B29C37/00,B05B15/12,13/02
(31) Priority Document No :04002346.7
(32) Priority Date :03/02/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP2005/000979
Filing Date :01/02/2005
(87) International Publication No :WO/2005/075170
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
1) LINDE AKTIENGESELLSCHAFT
Address of Applicant : Abraham-Lincoln-Strasse 21, 65189 Wiesbaden
Germany
(72)**Name of Inventor :**
1) LARSSON, Owe
2) HENS, Christer

(57) Abstract :

Abstract The invention relates to a system and a method for producing and coating an object (21), comprising a manufacturing machine and an object treating device. The object treating device comprises a painting station (30) with means for applying a coating to a surface of said object (21), at least another station (31, 32) for treating said object (21) and a tape conveyor belt (23) for moving said object (21) between said stations (30, 31, 32). The object treating device is provided with an enclosure (22) comprising means (25, 26, 27) to create a controlled atmosphere within said enclosure (22). The manufacturing machine is located outside said enclosure (22).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3179/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIGH PROTEIN BEVERAGE AND METHOD OF PRODUCING SAME

(51) International classification	:A23L1/29,2/38,A23J3/30	(71) Name of Applicant :
(31) Priority Document No	:10/792,589	1) TETRA LAVAL HOLDINGS & FINANCE, S.A.
(32) Priority Date	:03/03/2004	Address of Applicant : 70,Avenue General - Guisan , CH-1009 Pully
(33) Name of priority country	:U.S.A.	Switzerland
(86) International Application No	:PCT/US2005/04285	(72) Name of Inventor :
Filing Date	:10/02/2005	1)WALTERS, Gale, C.
(87) International Publication No	:WO/2005/092120	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A high-protein beverage is made with a protein content of at least 15 % of the total product content. At least 10 % of the total product consists of hydrolyzed gelatin. A method of producing a high-protein beverage product via UHT processing comprising at least 15 % total protein also is disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3180/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CHLORITE IN THE TREATMENT OF NEURODEGENERATIVE DISEASE

(51) International classification	:A61K 33/40
(31) Priority Document No	:60/541,576
(32) Priority Date	:03/02/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/002469
Filing Date	:25/01/2005
(87) International Publication No	:WO/2005/076819
(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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California 94607-5200 U.S.A.
(72)**Name of Inventor :**
1)MCGRATH, Michael S.

(57) Abstract :

Abstract The invention features methods of treating a macrophage- associated neurodegenerative disease such as amyotrophic lateral sclerosis (ALS). Alzheimer's disease (AD), or multiple sclerosis (MS) in a subject by administering chlorite in an amount effective to decrease blood immune cell activation. The invention also features methods of monitoring therapy by assessing blood immune cell activation before and after therapy.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3181/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CPICH PROCESSING FOR SINR ESTIMATION IN W-CDMA SYSTEM

(51) International classification :H04B1/707

(31) Priority Document No :10/792,018

(32) Priority Date :02/03/2004

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

(86) International Application No :PCT/IB2005/000529

Filing Date :24/02/2005

(87) International Publication No :WO/2005/093961

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)NOKIA CORPORATION

Address of Applicant : Keilalahdentie 4, FIN-02150 Espoo Finland

(72)Name of Inventor :

1)LAMPINEN, Marko

2)SAUKKONEN, Tuomas

(57) Abstract :

A method and system for estimating the signal-to-interference plus noise ratio (SINR) of the common pilot channel (CPICH) in a W-CDMA receiver. The SINR estimation is carried out after chip level filtering and then the despreading of the CPICH channel. In the case of space-time transmit diversity, a virtual space-time decoding is used on the CPICH channel in order to mimic data channel data channel space-time transformation. The estimated SINR can be used for a User Equipment to report its channel quality indicator to a Node B.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3182/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CATALYST CARRIER AND CATALYST COMPOSITION, PROCESSES FOR THEIR PREPARATION AND THEIR USE

(51) International classification :B01J29/08,23/888,37/02,37/00,35/10
(31) Priority Document No :04251241.8
(32) Priority Date :03/03/2004
(33) Name of priority country :EUROPEAN UNION
(86) International Application No :PCT/EP05/50866
Filing Date :01/03/2005
(87) International Publication No :WO 2005/084799 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)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
Address of Applicant : Carel van Bylandtlaan 30, NL-2596 HR The Hague
Netherlands
(72)Name of Inventor :
1)CREYGHTON, Edward, Julius
2)HUVÉ, Laurent, Georges
3)OUWEHAND, Cornelis
4)VAN VEEN, Johannes, Anthonius, Robert

(57) Abstract :

Abstract The invention provides a shaped catalyst carrier which is an inorganic refractory oxide having a monomodal mercury pore volume distribution wherein at least 50% of the total pore volume is present in pores having a pore diameter in the range of from 4 to 50 nm, a catalyst incorporating said carrier and having a high metals content. The catalyst finds use in hydrocracking refinery feedstocks.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3183/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PERMANENT MAGNET ASSEMBLY

(51) International classification

:H01F7/02

(31) Priority Document No

:60/541,484

(32) Priority Date

:03/02/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/003231

Filing Date

:03/02/2005

(87) International Publication No

:WO/2005/074608

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 :

1)ASTRONAUTICS CORPORATION OF AMERICA

Address of Applicant : 4115 North Teutonia Avenue, Milwaukee,
Wisconsin 53209 U.S.A.

(72)Name of Inventor :

1)CHELL, Jeremy

2) ZIMM, Carl, B.

(57) Abstract :

A permanent magnet assembly (20) is disclosed that is adapted to provide a magnetic field across an arc-shaped gap (21). Such a permanent magnet assembly can be used, for example, to provide a time-varying magnetic field to an annular region for use in a magnetic refrigerator.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3184/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MICROSPHERE-FILLED SEALANT MATERIALS

(51) International classification	:H02G15/013,C09K3/10	(71)Name of Applicant :
(31) Priority Document No	:10/770,095	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:02/02/2004	Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul,
(33) Name of priority country	:U.S.A.	Minnesota 55133-3427 U.S.A.
(86) International Application No	:PCT/US2005/000106	(72)Name of Inventor :
Filing Date	:04/01/2005	1)JEGO STORA, Carole;
(87) International Publication No	:WO/2005/076426	
(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 includes a method of sealing an enclosable container, the method entails positioning a sealant material within the enclosable container, and closing the enclosable container to compress the sealant material. The sealant material includes a silicone gel, a microsphere filler, and optionally, a silica filler.

(54) Title of the invention : 4- (SULFANYL-PYRIMIDIN-4-YLMETHYL) -MORPHOLINE DERIVATIVES AND RELATED COMPOUNDS AS GABA RECEPTOR LIGANDS FOR THE TREATMENT OF ANXIETY, DEPRESSION AND EPILEPSY

(51) International classification :A61K31/506,C07D239/38,A61P25/22,25/24
 (31) Priority Document No :04100830.1
 (32) Priority Date :02/03/2004
 (33) Name of priority country :EUROPEAN UNION
 (86) International Application No:PCT/EP2005/001814
 Filing Date :22/02/2005
 (87) International Publication No :WO/2005/094828 A1
 (61) Patent of Addition to :NA
 Application Number :NA
 Filing Date :NA
 (62) Divisional to Application :NA
 Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
1)F. HOFFMANN-LA ROCHE AG
 Address of Applicant : 124 Grenzacherstrasse 124, CH-4070 Basel
 Switzerland
 (72)**Name of Inventor :**
1)MALHERBE, Pari
2)MASCIADRI, Raffaello
3)PRINSSEN, Eric
4)SPOOREN, Will
5)THOMAS, Andrew, William

(57) Abstract :

The present invention relates to compounds of Formula (I) wherein X is -S- or -NH-; R1 is alkyl, alkenyl, arylalkyl, arylalkenyl or aryl-O-alkyl, wherein the aryl groups are optionally substituted by one or more substituents, selected from the group consisting of lower alkyl, lower alkoxy, halogen or lower halogen-alkyl; R2 is hydrogen, lower alkyl or cycloalkyl; R3/R4 may form together with the N-atom to which they are attached a non aromatic 5, 6 or 7 membered ring, which may contain in addition to the N-atom one additional heteroatom selected from the group consisting of O, S or N, and wherein the ring is optionally substituted by hydroxy, lower alkyl, lower alkoxy, -NR2, -CONR2, -CO-lower alkyl or benzyl; or may form together with the N-atom to which they are attached a heterocyclic ring system, containing at least two rings and which may contain one or two additional heteroatoms, selected from the group consisting of N or O; R is hydrogen or lower alkyl; R5 is hydrogen or lower alkyl; and to pharmaceutically suitable acid addition salts thereof. It has been found that the compounds are active on the GABAB receptor and therefore useful for the treatment of anxiety, depression, epilepsy, schizophrenia, cognitive disorders, spasticity and skeletal muscle rigidity, spinal cord injury, multiple sclerosis, amyotrophic lateral sclerosis, cerebral palsy, neuropathic pain and craving associated with cocaine and nicotine, psychosis, panic disorder, posttraumatic stress disorders or gastro-intestinal disorders.

(54) Title of the invention : RE-ENTERABLE SPLICE ENCLOSURE

(51) International classification	:H02G15/113,15/013	(71)Name of Applicant :
(31) Priority Document No	:10/770,377	1)3M INNOVATIVE PROPERTIES COMPANY
(32) Priority Date	:02/02/2004	Address of Applicant : 3M Center, Post Office Box 33427, Saint Paul,
(33) Name of priority country	:U.S.A.	Minnesota 55133-3427 U.S.A.
(86) International Application No	:PCT/US2005/00107	(72)Name of Inventor :
Filing Date	:04/01/2005	1)MARSAC, Yvonnick;
	:WO/2005/076427	2)DESARD, Christophe;
(87) International Publication No	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A re-enterable enclosure for a splice between cables, comprises two cover members (1, 3) with internal walls that are configured to form a cavity (7, 9) for enclosing the cable splice when the cover members (1, 3) are engaged with each other in a closed position. At least one of the cover members also has internal walls (15, 17) that are configured to define containment spaces which at least partly surround the cavity (7, 9). In use, those containment spaces may contain sealant material (27). At least one internal wall in one cover member can telescope into a containment space in the other cover member so that, if sealant material is contained therein, it will be compressed when the cover members are engaged with each other in the closed position. By changing the containment spaces that are used to contain sealant material (27), different levels of protection against humidity can be provided for the cable splice in the cavity.

(54) Title of the invention : METHOD FOR DETECTING IDENTIFICATION MEDIA

(51) International classification	:G06K	(71)Name of Applicant :
(31) Priority Document No	:351/04	1)LEGIC IDENTSYSTEMS AG
(32) Priority Date	:03/03/2004	Address of Applicant : Kastellstrasse 1, Postfach 673, CH-8623 Wetzikon.
(33) Name of priority country	:Switzerland	Switzerland
(86) International Application No	:PCT/CH2005/00112	(72)Name of Inventor :
Filing Date	:28/02/2005	1)PLÜSS, Marcel
(87) International Publication No	:WO/2005/086069	2) KOCH, Andreas
	A2	3) HAUSMANN, Peter
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for recognizing identification media (IM) in the communication area (K-B) of a write/read device (WR) functioning according to the principle of inductive coupling in the MHz range, wherein an antenna is used for transmitting and receiving HF signals, in addition to a circuit (S(HF)) for transmitting HF signals with a standard transmitter power output (P-HF) and a logic circuit (Pr) for evaluating communication between a write/read device and an identification medium. A short inquiry signal (ASo) consisting of several fundamental components of the HF field and having a standard transmission power output (P-HF) is periodically transmitted via a transmission path (HFo) and the antenna (At) and a response signal (ASi) is detected (2) on the antenna (At). The response signal (ASi) is compared (3) to a reference signal (RS) and a communication signal (KS) is transmitted (4) in order to recognize an identification medium (IM) in the event that the response signal (ASi) is different (3-2) from the reference signal (RS). This enables energy-saving, reliable recognition of identification media occurring in the field of communications (K-B) for subsequent communication with the write/read device, particularly with respect to battery-operated write/read devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3188/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CASING STRUCTURE OF COMPRESSED WOOD

(51) International classification	:B27M1/02,3/34,H04N5/225	(71) Name of Applicant :
(31) Priority Document No	:2004-059272	1)OLYMPUS CORPORATION
(32) Priority Date	:03/03/2004	Address of Applicant : 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo
(33) Name of priority country	:Japan	1510072 Japan
(86) International Application No	:PCT/JP2005/02674	(72) Name of Inventor :
Filing Date	:15/02/2005	1)SUZUKI, Tatsuya
(87) International Publication No	:WO/2005/084898 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a casing structure that (10) holds a predetermined object between a plurality of compressed wood pieces, each of a front panel (11) and a rear panel (12) of the compressed wood includes a main surface portion (11b-11e; 12b-12e) and side surface portions formed integrally around all the peripheral edges of the main surface portion and non-parallel therewith, and the wood fiber directions in the main surface portions and the side surface portions are substantially asymmetrical with respect to an opposing surface between the front and rear panels.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3189/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

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

(51) International classification	:C07D405/10,211/02,211/26,C07F7/10	(71)Name of Applicant :
(31) Priority Document No	:04004799.5	1)AVENTIS PHARMACEUTICALS INC.
(32) Priority Date	:02/03/2004	Address of Applicant : 300 Somerset Corporate Boulevard, Bridgewater,
(33) Name of priority country	:EUROPEAN UNION	NJ 08807-2854 U.S.A.
(86) International Application No	:PCT/EP2005/01676	(72)Name of Inventor :
Filing Date	:18/02/2005	1)GRAF, Claus-Dieter
(87) International Publication No	:WO/2005/095385 A1	2)TAPPERTZHOFEN, Christoph
(61) Patent of Addition to Application	:NA	3)SLEDESKI, Adam, W.
Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

This invention is directed to processes for the preparation of compounds of the formula (I) and their salts, formula (I) which are useful as tryptase inhibitors, to intermediates useful in the preparation of such compounds, to processes for the preparation of such intermediates, and to the use of such intermediates for the preparation of such compounds.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3190/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PREPARING CALIBRATED BIODEGRADABLE MICROSPHERES

(51) International classification	:B01J13/12,13/04	(71)Name of Applicant :
(31) Priority Document No	:0402204	1)ETHYPHARM
(32) Priority Date	:03/03/2004	Address of Applicant : 21, rue Saint Mathieu, F-78550 HOUDAN France
(33) Name of priority country	:France	(72)Name of Inventor :
(86) International Application No	:PCT/FR2005/00511	1)ROYERE, Audrey
Filing Date	:03/03/2005	2)BAZILE, Didier
(87) International Publication No	:WO/2005/087362	3)BIBETTE, Jerome
	A1	4)BAZILE, Didier
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for preparing monodispersed biodegradable microspheres consisting in a) preparing an emulsion containing at least one polymeric phase and at least one aqueous phase at a viscosity ratio between the dispersed polymeric phase and the aqueous phase ranging from 0.12 to 10, b) exposing the thus obtained emulsion to a controlled laminar shear strength, c) removing a solvent from the polymeric phase and in d) isolating the thus obtained microspheres. The use of the prepared microspheres is also disclosed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3191/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELECTRONIC DEVICE FOR ANALOG DISPLAY OF THE HISTORY OF AT LEAST ONE VARIABLE MEASURED BY A SENSOR

(51) International classification	:G04G1/04,G04B47/06,B63C11/02	(71) Name of Applicant :	
(31) Priority Document No	:04100859.0	1)ETA SA MANUFACTURE HORLOGERE SUISSE	
(32) Priority Date	:03/03/2004	Address of Applicant : Schild-Ruststrasse 17, CH-2540 Grenchen/Granges	
(33) Name of priority country	:EUROPEAN UNION	Switzerland	
(86) International Application No	:PCT/EP2005/02165	(72) Name of Inventor :	
Filing Date	:02/03/2005	1)RABER, Guy	
(87) International Publication No	:WO/2005/096105 A1	2)KRAUCHI, Frank	
(61) Patent of Addition to Application	:NA	3)GILOMEN, Beat	
Number	:NA	4)BERSETH, Vincent	
Filing Date	:NA	5)BORN, Jean-Jaques	
(62) Divisional to Application Number	:NA	6)GERMIQUET, Christophe	
Filing Date	:NA		

(57) Abstract :

The invention relates to a portable electronic device (1), such as a watch bracelet, comprising at least one first and one second analog display element, a sensor (23,52) which is supplied with power such that it can carry out measurements of a surrounding physical variable and a memory area (26) for storing the values of the physical variable thus measured. The electronic circuits of the device can control the analog display elements in a historic operational mode such that at least one of them indicates the progress of the stored value as a function of time with regard to the adapted graduations (8, 9, 33, 42, 51) of the device.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3192/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OPTICAL DEVICE FOR RECORDING AND REPRODUCING

(51) International classification

:G11B7/09,7/135

(31) Priority Document No

:04300109.8

(32) Priority Date

:03/03/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/IB2005/050743

Filing Date

:01/03/2005

(87) International Publication No

:WO/2005/088618
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)KONINKLIJKE PHILIPS ELECTRONICS N.V.

Address of Applicant : Groenewoudseweg 1, NL-5621 BA EINDHOVEN
Netherlands

(72)Name of Inventor :

1)PENNING, Frank

2)KASTELIJN, Aukje

3)BIERHOFF, Waltherus

4)SCHLEIPEN, Johannes

5)VERBERNE, Henricus

6)VAN DER AA, Michael

7)JUTTE, Petrus

8)VREHEN, Joris

9)BRANDS, Johannes Willem

10)LOW, Yee Cheok

(57) Abstract :

The invention relates to an optical scanning device for scanning an information carrier (12) comprising tracks. The optical scanning device comprises a fixed part (10) with a radiation source (101) and means for compensating for spherical aberration (104), and a movable part (11) comprising a folding mirror (111) and an objective lens (112). The optical scanning device comprises first moving means for moving the movable part (11) in a cross track direction in a track selection mode, and second moving means for moving the objective lens (112) in a cross track direction in a fine tracking mode and for moving the folding mirror (111) in the fine tracking mode such that the folding mirror (111) substantially follows the objective lens (112).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3193/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR CONTROLLING THE POLYMER FLOW IN A POLYMERIZATION PROCESS

(51) International classification

:C08F2/00

(31) Priority Document No

:04100856.6

(32) Priority Date

:03/03/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2005/001000

Filing Date

:31/01/2005

(87) International Publication No

:WO/2005/095465

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)BASELL POLIOLEFINE ITALIA S.R.L.

Address of Applicant : Via Pergolesi, 25, I-20124 Milano Italy

(72)Name of Inventor :

1)MEI, Gabriele

2)BERTOLINI, Stefano

(57) Abstract :

A method for controlling the flowability of polymer particles flowing downward in a densified form inside a polymerization reactor, in which one or more monomers are gasphase polymerized in the presence of a polymerization catalyst, the density of solid (Kg of polymer per m3 of reactor occupied by the polymer) being higher than 80% of the "poured bulk density" of the polymer, the method being characterized in that a liquid stream is continuously fed into the polymerization reactor at a mass flow rate per unity of reactor surface higher than 30 Kg/h m2.

(54) Title of the invention : SIGNAL PROCESSING SYSTEM

(51) International classification	:H04N5/14	(71)Name of Applicant :
(31) Priority Document No	:04300108.0	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:02/03/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/00497	(72)Name of Inventor :
Filing Date	:24/02/2005	1)HEKSTRA, Gerben
(87) International Publication No	:WO/2005/094060	2)KIRENKO, Ihor
	A1	3)BOSMA, Marco
(61) Patent of Addition to Application Number	:NA	4)DE BRUIJN, Frederik
Filing Date	:NA	5)DE HAAN, Gerard
(62) Divisional to Application Number	:NA	6)LODDER, Rogier
Filing Date	:NA	7)RIEMENS, Abraham

(57) Abstract :

The invention relates to a signal processing system comprising first electronic means for storing an input signal, second means for a real-time processing of the input signal thus stored, and third electronic means for storing the signal thus processed. This system is according to the invention, characterized in that said second processing means themselves comprise off-line signal enhancement means applied to said input signal and using available processing resources, not still used for real-time or on-line processing, for delivering an enhanced signal and storing it in said third means for storing the signal processed by the second processing means. The signal enhancement means may also comprise means for modifying said enhanced signal, said third electronic means for storing the processed signal being also able to store the enhanced signal thus modified, and the third electronic means for storing the signal processed may be provided for outputting the enhanced signal and/or the modified enhanced signal in real time.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3195/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A METHOD, A SYSTEM AND A COMPUTER PROGRAM FOR VALIDATION OF GEOMETRICAL MATCHING IN A MEDICAL ENVIRONMENT

(51) International classification	:A61B19/00
(31) Priority Document No	:04100829.3
(32) Priority Date	:02/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050676
Filing Date	:24/02/2005
(87) International Publication No	:WO/2005/087126
	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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)VAN WOEZIK, Johannes, T., M.

(57) Abstract :

The invention relates to a method and a system for validation of geometrical matching between an anatomical site and an object. The system I according to the invention operates using data sets representative of the anatomical site and the object, respectively. The first data set 18a, representative of the anatomical site, is obtained by means of a suitable imaging using a medical diagnostic apparatus 2. The second data set 18b comprises a geometric description of the object or its image obtained by means of a medical diagnostic unit. The system 1 further comprises processing means 22 arranged to retrieve the first data set 18a and the second data set 18b in order to produce a superimposed image I comprising the image 26 based on the first data set 18a and an image 28, based on the second data set 18b. Images 26 and 28 are visualized using the same magnification factor and substantially the same orientation in space. The superimposed image I is fed-back to the user of the system by means of a suitable display screen 24. The system 1 further comprises automatic delineation means 23, and image manipulation means. The invention further relates to a computer program.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3196/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIERARCHICAL BROADCAST OF UI ASSETS

(51) International classification	:G06F17/30
(31) Priority Document No	:0404657.9
(32) Priority Date	:02/03/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/050660
Filing Date	:23/02/2005
(87) International Publication No	:WO/2005/088478
	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)KONINKLIJKE PHILIPS ELECTRONICS N.V.
Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
Netherlands
(72)**Name of Inventor :**
1)MILLER-SMITH, Richard, M.

(57) Abstract :

An audiovisual system (10) has a first client (14) and a second client (16), each client (14, 16) being connected to a server (12). The first client (14) includes a television (18), while the second client (16) includes a small screen (20) and a stereo system (22). The server (12) stores data representing items for example video programmes or pieces of music, the data including one or more assets (28) describing each item. An asset (28) may be, for example, the name of a video programme or piece of music; metadata of an item (for example the artist, year of production, or album); a still picture (an album cover or single frame of a video); or a background image or advertisement for a user interface. A client (14, 16) presents assets (28) to the user in the form of a hierarchical user interface (30). The user up-dates the user interface (30) each time he adds an item to, or removes an item from, the server (12), or edits an asset (28) already stored on the server (12). Figure 2 depicts an exemplary hierarchical user interface (30), consisting of a network of nodes.

(54) Title of the invention : NON-DISRUPTIVE ACTIVITY SWITCHING ON REMOTE CONTROL

(51) International classification	:H03J9/00	(71)Name of Applicant :
(31) Priority Document No	:04100368.2	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:02/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050380	(72)Name of Inventor :
Filing Date	:28/01/2005	1)MUSSCHEBROECK, Rudy
(87) International Publication No	:WO/2005/074133	2)THISSEN, Rogier, L., J., W.
(61) Patent of Addition to Application Number	:NA	3)PEIFFER, Werner, P.
Filing Date	:NA	4)HINTZEN, Reinhard, L.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT: A control device has an activity-based user interface for controlling a system with a renderer and multiple sources. The Tenderer is configured for rendering content available from the multiple sources. The user interface provides a first set of user controls for control of the system in a first activity, and a second set of further user controls for control of the system in a second activity. The control device controls switching the system from the first activity to the second activity upon detecting a validating user interaction with the user interface to validate the switching.

(54) Title of the invention : DEVICE AND METHOD FOR AUTHORIZING A USER TO GET ACCESS TO CONTENT STORED IN ENCRYPTED FORM ON A STORAGE MEDIUM

(51) International classification	:G11B20/00H04N7/173	(71) Name of Applicant :
(31) Priority Document No	:04100409.4	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:04/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050308	(72) Name of Inventor :
Filing Date	:26/01/2005	1)KELLY, Declan, P.,
(87) International Publication No	:WO/2005/076270	2)LUITJENS, Steven, B.
(61) Patent of Addition to Application Number	:NA	3)FONTIJN, Wilhelmus, F., J.
Filing Date	:NA	4)KAMPERMAN, Franciscus, L., A., J.
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a device and a method for authorizing a user to get access to content stored in encrypted form on a storage medium (10), said storage medium storing a machine-readable medium identifier (id) and at least one key table (KL) encrypted by use of a key table key (KLK) and storing at least one asset key (AK) for decrypting encrypted content (C). In order to allow a user to provide access to the content to other users in a simple but secure way, a device is proposed comprising: - a connection means (6) for connecting said device to a network (3), - a drive (5) for accessing said storage medium (10), in particular for reading content (C) and said medium identifier (id) from said storage medium (10), and - a transmitter (7) for transmitting said medium identifier (id) and a user identifier (ui) of a user, who shall be authorized to get access to said content (C) and who is identified to said network (3) by said user identifier (ui), to an authentication unit (AuC) within said network (3), said medium identifier (id) and said user identifier (ui) being used by said authentication unit (AuC) for generating a key table key (KLK) for said user enabling said user to decrypt at least one predetermined key table (KL).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3199/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :04/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ENCRYPTED CONTENT PARALLEL TO FREE BROADCAST

(51) International classification	:H04L29/06,H04H1/00	(71)Name of Applicant :
(31) Priority Document No	:04100418.5	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:05/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050274	(72)Name of Inventor :
Filing Date	:24/01/2005	1)FONTIJN, Wilhelmus, F., J.
(87) International Publication No	:WO/2005/076574	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a method and a device (103) for acquiring content from an information transmission (101). The invention is based on the idea that an information transmission is received via a transmission channel. Along with the information transmission, which e.g. is a broadcast from a radio show, an encrypted, digitally storable version of the broadcast is transmitted and received (102) by a listener. On the receiver, the listener can effect a download operation of a song that is currently played by means of e.g. pressing a dedicated key on the receiver front end, the receiver extracts the encrypted, digitally storable copy of the song from the information broadcast and downloads it to a storage capacity in connection to the receiver. The listener can thereafter choose to replay the downloaded song by effecting a replay operation. The receiver will thus decrypt the encrypted content and render the downloaded content.

(54) Title of the invention : INTEGRATED PHOTO MONITOR CIRCUIT AND OPTICAL PICKUP UNIT

(51) International classification	:G11B7/125,H01S5/026	(71)Name of Applicant :
(31) Priority Document No	:04100431.8	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:05/02/2004	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2005/050255	(72)Name of Inventor :
Filing Date	:21/01/2005	1)LOOIJKENS, Marinus, A., H.
(87) International Publication No	:WO/2005/076264	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides an integrated photo monitor circuit (12), particularly an integrated photo monitor circuit (12) for CD and DVD applications, comprising a photo detector (14), an amplifier (16) for amplifying an output signal of said photo detector (14), and sampling circuitry (18) for sampling an output signal of said amplifier (16). The invention further provides an optical pickup unit (10), particularly an optical pickup unit (10) for CD and DVD applications, comprising means (20, 22) for emitting light, and means (12) for generating a sampled feedback signal (40) correlated to the output power of said means (20, 22) for emitting light and intended to be evaluated for controlling said output power of said means (20, 22) for emitting light. By providing the sampling function on the optical pickup unit (10), especially in an integrated photo monitoring circuit (12), the necessary bandwidth of a flex connection (32) between the optical pickup unit (10) and a printed circuit board (42) may be reduced compared to solutions where the sampling is done on the printed circuit board (42).

(54) Title of the invention : ARRAY HAVING SUBSTANCES FIXED ON SUPPORT ARRANGED WITH CHROMOSOMAL ORDER OR SEQUENCE POSITION INFORMATION ADDED THERETO, PROCESS FOR PRODUCING THE SAME, ANALYTICAL SYSTEM USING THE ARRAY AND USE OF THESE

(51) International classification	:C12N 15/00	(71)Name of Applicant :
(31) Priority Document No	:2003-126667	1)JAPAN SCIENCE AND TECHNOLOGY AGENCY
(32) Priority Date	:01/05/2003	Address of Applicant :1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama
(33) Name of priority country	:Japan	332-0012 (JP) Japan
(86) International Application No	:PCT/JP04/06284	(72)Name of Inventor :
Filing Date	:30/04/2004	1)TAKEDA KAZUHIRO
(87) International Publication No	:WO	2)SATO, KAZUYOSHI
	2004/097015 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In the production of various arrays such as a microarray, multiple types of biosubstances obtained from an arbitrary living organism, or synthetic substances capable of interacting with such biosubstances are arranged and immobilized on a support in such an orderly manner that the order of respective base sequence blocks corresponding to the biosubstances lined up on the chromosome can be ascertained. As the biosubstances, there can be mentioned nucleic acids such as DNA, polypeptides such as protein, etc. As the above synthetic substances, there can be mentioned compounds capable of reacting with them. By virtue of this regulation of the sequence order of biosubstances or synthetic substances immobilized on a support, the array can be of avail in, for example, screening conducted at creature breed improvement.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3233/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TRANSDUCER ASSEMBLY AND LOUDSPEAKER INCLUDING RHEOLOGICAL MATERIAL

(51) International classification	:G10K9/08,G10K7/06	(71)Name of Applicant :
(31) Priority Document No	:10/709,010	1)SONY ERICSSON MOBILE COMMUNICATIONS AB
(32) Priority Date	:07/04/2004	Address of Applicant : Nya Vattentorget, Sweden, S-221 88 Lund Sweden
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2004/038031	1)MURRAY, Matthew, J.
Filing Date	:12/11/2004	
(87) International Publication No	:WO/2005/104612	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transducer assembly (20, 22, 24) includes a transducer (32, 34, 36) and a coupler (44, 46, 48) with rheological material. A loudspeaker (26, 28, 30, 72, 86, 100, 108, 126, 140, 150) further includes an acoustic radiator (38, 40, 42, 76, 84, 96, 146, 154, 170). A coupler (44, 46, 48, 70, 88, 90, 98, 115, 117, 128, 130, 142, 144, 155, 182) is mounted to the transducer (32, 34, 36, 68, 82, 94, 110, 112, 136, 138, 148, 180) and is operatively connected to the acoustic radiator. The transducer excites bending waves in the acoustic radiator to produce an acoustic output. By control of the rheological material, which may include mageto-rheological liquid or electro-rheological liquid, the transducer in various embodiments may selectively be substantially rigidly or substantially flexibly coupled to the acoustic radiator. If flexibly coupled the force experienced by the transducer when the host device is dropped, jarred, or pressured may be reduced from that experienced with a rigid connection. The acoustic radiator may be, for example, a display (174) such as an LCD or a window (170) mounted over a display. A mobile terminal (160) may include such a loudspeaker in accordance with one embodiment.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3254/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : N-ALKYNYL-2- (SUBSTITUTED ARYLOXY) ALKYLTHIOAMIDE DERIVATIVES AS FUNGICIDES

(51) International classification :C07C 323/22

(31) Priority Document No :0312863.4

(32) Priority Date :04/06/2003

(33) Name of priority country :U.K.

(86) International Application No :
Filing Date PCT/GB2004/002294

(87) International Publication No :WO/2004/108663

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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Address of Applicant :European Regional Centre, Priestley Road, Surrey
Research Park, Guildford, Surrey GU2 7YH (GB) U.K.

(72)Name of Inventor :

1)CROWLEY, Patrick, Jelf

2)SALMON, Roger

3)SAGEOT, Olivia, Anabelle

4)BACON, David, Philip

5)LANGTON, David, William

(57) Abstract :

Fungicidal compounds of the general formula (1), wherein Ar is a group of the formula (A), (B1), (B2) or (C), or Ar is a 5- or 6-linked group of the formula (D1) or (D2); and R1, R2, R3, R4, R5, n, A1, A2, A3, A4, A5, Ka, Kb, L, M, V, W, X,Y and Z have the definitions given in claim 1.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3260/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : CERAMIC COMPONENT CONTAINING INCLUSIONS

(51) International classification	:C04B 35/00
(31) Priority Document No	:10/454,084
(32) Priority Date	:04/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US04/15036
Filing Date	:13/05/2004
(87) International Publication No	:WO
	2004/108629 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 :**
1)SAINT-GOBAIN CERAMICS & PLASTICS, INC
Address of Applicant : 1 New Bond Street, Worcester, MA 01615 (US).
U.S.A.
(72)**Name of Inventor :**
1)PUJARI, VIMAL, K.,
2)KUTSCH JEFFREY J

(57) Abstract :

A ceramic component is disclosed, including a sintered ceramic body formed from a composition comprising a first ceramic material, and a plurality of inclusions in the ceramic body, each inclusion comprising graphite and a second ceramic material.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.334/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : OIL SUSPENSION CONCENTRATE CONTAINING DIFLUFENICAN

(51) International classification	:A01N 43/40	(71)Name of Applicant :
(31) Priority Document No	:103 34 300.8	1)BAYER CROPSCIENCE GMBH
(32) Priority Date	:28/07/2003	Address of Applicant :Brüningstrasse 50, 65926 Frankfurt (DE) Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP04/07836	1)HAASE, Detlev
Filing Date	:15/07/2004	2)KRAUSE HANS-PETER
(87) International Publication No	:WO/2005/011378	3)SCHNABEL, Gerhard
	A1	4)DECKWER, Roland
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to an oil suspension concentrate containing: a) the herbicide active ingredient diflufenican, and b) at least one solvent from the group of hydrocarbons. Said oil suspension concentrate is suitable for using in the field of plant protection.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3347/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :12/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : SHADING COMPUTER-GENERATED OBJECTS USING GENERALIZED SHADING REGIONS

(51) International classification :G09 G 5/00

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/US2003/016957

Filing Date :30/05/2003

(87) International Publication No :WO 2004/109651

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :**

1)DREAMWORKS

Address of Applicant :1000 FLOWER STREET, GLENDALE, CA 91201
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(72)**Name of Inventor :**

1)SCHMIDT, KARL JOHANN

(57) Abstract :

A computer implemented method of shading an object in a computer generated image comprising: tessellating the object into shading regions, including nonrectangular shading regions having at least two vertices; determining color values for at least a subset of the shading regions, and applying the determined color values to areas of the object corresponding to the shading regions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.337/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LIQUID FORMULATIONS

(51) International classification	: A01N 25/00
(31) Priority Document No	:103 34 301.6
(32) Priority Date	:28/07/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP04/07835
Filing Date	:15/07/2004
(87) International Publication No	:WO/2005/011382
	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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Germany
(72)Name of Inventor :
1)KRAUSE, Hans-Peter
2)KRAUSE, Hans-Peter
3)SCHNABEL, Gerhard
4)DECKWER, Roland

(57) Abstract :

The invention relates to a liquid formulation containing: a) at least one herbicide active ingredient from the group of ALS inhibitors, b) at least one organic solvent, and c) at least one inorganic salt. Said liquid formulation is suitable for using in the field of plant protection.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3385/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :13/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : HAIR COLOURING METHOD, COMPRISING REACTION OF A CAPPED DIAZONIUM COMPOUND WITH THE HAIR, AND RESPECTIVE COMPOSITIONS AND COMPOUNDS

(51) International classification	: A61K 8/40
(31) Priority Document No	: 03101364.2
(32) Priority Date	:15/05/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2004/050707
Filing Date	:05/05/2004
(87) International Publication No	:WO/2004/100912
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CIBA SPECIALTY CHEMICALS HOLDING INC.
Address of Applicant :Klybeckstrasse 141, CH-4057 Basel (CH)
Switzerland
(72)**Name of Inventor :**
1)ELIU, Victor Paul
2)FRÖHLING, Beate
3)KAUFFMANN, Dominique

(57) Abstract :

Process of colouring porous material, which comprises a) applying to the material being coloured at least one capped diazonium compound and b) then causing the capped diazonium compound present on the material to react with the hair. In addition, novel dyeing compounds and compositions thereof are claimed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3387/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :13/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : DRUG CONJUGATE COMPOSITION

(51) International classification : A61K 47/48

(31) Priority Document No :60/470,550

(32) Priority Date :14/05/2003

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

(86) International Application No :PCT/US2004/015376

Filing Date :14/05/2004

(87) International Publication No :WO/2004/110498

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

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U.S.A.

(72)Name of Inventor :

1)AMPHLETT, Godfrey

2)ZHANG, Wei

3)FLEMING, Michael

4)CHIH, Hung-Wei

(57) Abstract :

The invention provides a liquid composition and a lyophilized composition comprising a therapeutically effective amount of a conjugate comprising an antibody chemically coupled to a maytansinoid. The invention further provides a method for killing a cell in a human comprising administering to the human either of the compositions such that the antibody binds to the surface of the cell and the cytotoxicity of the maytansinoid is activated, whereby the cell is killed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.339/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : "INVWERT ARM ASSEMBLY FOR GLASSWARE FORMING MACHINE"

(51) International classification	:C03B9/353
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US04/20331
Filing Date	:23/07/2004
(87) International Publication No	:WO
	2005/003045 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)OWENS-BROCKWAY GLASS CONTAINER INC.

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(72)Name of Inventor :

1)SHUE LARRY N

2)MOHR, PAUL B,

3)SOLEY DAVID D,

4)WARNCER RUNAID P

5)KIRKMAN, THOMAS R,

6)MAZUR, WILLIAM, F,

7)NADLER, JONATHAN R,

8)HOLBROOK PTRICK W,

9)LEDIY, WAYNE D

(57) Abstract :

An invert assembly for an individual section glassware forming machine includes an invert base (12) that is oscillated about an axis between angularly spaced apart first and second positions, a double ended ball screw (48) positioned co-axially with the axis and having spaced apart oppositely threaded portions (52, 54), first and second nuts (56, 58) each threadably engaging one of the oppositely threaded portions of the ball screw so that the nuts reciprocate toward and away from each other in response to rotation of the ball screw, and first and second neck ring arms (14) respectively engaging the first and second nuts so that the neck ring arms reciprocate toward and away from each other along the axis with the first and second nuts. Preferably, the invert base is oscillated about the axis by a first reversible electric motor (44), and the ball screw is driven for rotation in opposed directions by a second reversible electric motor (50) to move the nuts and neck ring arms toward and away from each other along the axis.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3397/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :14/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : GREASE COMPOSITION

(51) International classification	: C10M 169/06
(31) Priority Document No	:2003-174131
(32) Priority Date	:18/06/2003
(33) Name of priority country	:Netherlands
(86) International Application No	:PCT/EP2004/051164
Filing Date	:18/06/2004
(87) International Publication No	:WO/2004/113481
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
Address of Applicant :Carel van Bylandtlaan 30, NL-2596 HR The Hague
Netherlands
(72)**Name of Inventor :**
1)OHMURA, Kazushige

(57) Abstract :

A grease composition comprising (a) a base oil; (b) a urea-based thickening agent; (c) at least one compound selected from the group of W a molybdenum dithiocarbamate, (ii) a zinc dithiocarbamate, (iii) a molybdenum dithiophosphate and (iv) a zinc dithiophosphate; and (d) a metal salt of a fatty acid.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3398/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :14/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : UREA GREASE COMPOSITION FOR CONSTANT VELOCITY JOINTS

(51) International classification : C10M 169/06
(31) Priority Document No :2003-174133
(32) Priority Date :18/06/2003
(33) Name of priority country :Netherlands
(86) International Application No :PCT/EP2004/051161
Filing Date :17/06/2004
(87) International Publication No : WO/2004/113480
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

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(72)Name of Inventor :

1)KAWAMURA, Yasushi

2)MATSUMOTO, Takumi

3)MIYAJIMA, Kazuhiro

4)NIMURA, Tetsuo

5)OHMURA, Kazushige

6)SHINODA, Noriaki

7)TANAKA, Keiji

8)YAMAMOTO, Takeo

(57) Abstract :

Urea grease composition for constant velocity joints, comprising base oil, one or more urea thickener compounds: A) one or more molybdenum sulphurized dialkyldithiocarbamates represented by general formula (I), wherein R1 and R2 are independently chosen from alkyl groups of from 1 to 24 carbons, m + n = 4, m is from 0 to 3 and n is from 4 to 1, B) triphenylphosphorothionate represented by formula (II) and C) one or more stearic acid metal salts.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3411/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :15/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : CIS-IMIDAZOLINES AS MDM2 INHIBITORS

(51) International classification	:A61K31/4164
(31) Priority Document No	:60/479,563
(32) Priority Date	:17/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/006211
Filing Date	:09/06/2004
(87) International Publication No	:WO/2005/002575
(61) 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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U.S.A.
(72)**Name of Inventor :**
1)FOTOUHI, Nader
2)LIU, Emily, Aijun
3)VU, Binh, Thanh

(57) Abstract :

The present invention provides compound according to formula (I) and pharmaceutically acceptable salts and esters thereof, having the designations provided herein and which inhibit the interaction of MDM2 protein with a p53-like peptide and have antiproliferative activity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3419/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :19/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RENDERING A USER INTERFACE

(51) International classification :G06F 17/30

(31) Priority Document No :0403709.9

(32) Priority Date :19/02/2004

(33) Name of priority country :U.K.

(86) International Application No :PCT/GB05/00627

Filing Date :21/02/2005

(87) International Publication No :WO 2005/081131

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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Address of Applicant :MATRIX HOUSE, CAMBRIDGE BUSINESS PARK, COWLEY ROAD, CAMBRIDGE CB4 0HH, UK. U.K.

(72)Name of Inventor :

1)BUTLIN, STEFAN, GEOFFREY

2)CLAREY, NICHOLAS, HOLDER

3)BLAUKOPE, JACOB, BENJAMIN

4)BROOK, NICHOLAS, CARL

(57) Abstract :

Abstract There is provided a user interface which is defined by a plurality of actors and the attributes that are associated with the actors. A renderer is used to render the user interface in accordance with the attributes of the actors. Changes in actor attributes, for example in response to a keypress, cause the user interface to be updated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.342/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :27/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR EXTRACTING CAUSAL INFORMATION FROM A CHAOTIC TIME SERIES

(51) International classification	:G06F 17/00
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IB2003/002522
Filing Date	:27/06/2003
(87) International Publication No	:WO/2005/001706
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)LAFITTE, Melvyn, Jérémie

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France

2)SAUVAGEOT, Orin

3)FEVRE-GENOULAZ, Marion

4)NAGESHWAR, Srini

(72)Name of Inventor :

1)LAFITTE, Melvyn, Jérémie

2)SAUVAGEOT, Orin

3)FEVRE-GENOULAZ, Marion

4)NAGESHWAR, Srini

(57) Abstract :

A method for analyzing the state of a first system, such as the autonomous nervous system, from a time-varying signal representing a chaotic series of times intervals between quasi-periodical events produced by a second system, such as the cardiac system, governed by the first system, comprises the steps of extracting envelope information from the time-varying signal (S4), constructing a phase space for the time-varying signal (S5), extracting information on the relative positions of points corresponding to the time-varying signal in the phase space (S6, S7), combining the envelope and the position information (S10) and, based on this combination, providing information on the state of the first system (S13).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3432/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :16/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING HUMAN-DERIVED IMMUNOCOMPETENT CELLS

(51) International classification	:A01K 67/027, C12P
(31) Priority Document No	:2003-171240
(32) Priority Date	:16/06/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP04/08784
Filing Date	:16/06/2004
(87) International Publication No	:WO/2004/110139 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)ISHIKAWA TLO COMPANY LIMITED
2)HARADA, Mine
3)YASUKAWA, Masaki

(57) Abstract :

It is intended to provide an immunodeficient animal capable of producing human-origin lymphocytes, a human-origin lymphocyte and a process for producing an antibody specific to a human antigen. Namely, an immature immunodeficient mammal having human-origin hematopoietic precursor cells transplanted thereinto that can produce hematopoietic cells or immunocompetent cells originating in the above human; and a process for producing an antibody characterized by comprising collecting immunocompetent cells from the above animal, culturing the immunocompetent cells and then harvesting a human-origin antibody from the culture thus obtained.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3446/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTIPLE-SPIRAL HYBRID DISC FOR E-BOOK APPLICATIONS

(51) International classification	:G11B7/007
(31) Priority Document No	:04100763.4
(32) Priority Date	:26/02/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/050625
Filing Date	:21/02/2005
(87) 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)MEINDERS, ERWIN, R

2)MIJIRITSKII, ANDREI

(57) Abstract :

The invention relates to an optical disc (10) comprising a hybrid information layer with at least two congruently adjoining spirals, whereby a first spiral (12) of said adjoining spirals comprises a ROM section containing read only data and a second spiral (14) of said adjoining spirals comprises a recordable section having a pre-groove provided for tracking purposes during recording. Said ROM section and said recordable section are arranged at least partially adjoining each other thereby forming an overlap region where a track of said first spiral containing read only data is arranged next to an associated track of said second spiral containing a pre-groove.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3455/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :20/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS FOR THE DIAGNOSIS AND PROGNOSIS OF ALZHEIMER'S DISEASE

(51) International classification : C12Q 1/68

(31) Priority Document No :03 07501

(32) Priority Date :20/06/2003

(33) Name of priority country :France

(86) International Application No :PCT/FR2004/001509

Filing Date :17/06/2004

(87) International Publication No :WO/2004/113568

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)AVENTIS PHARMA S.A.

Address of Applicant :20, Avenue Raymond Aron, F-92160 ANTONY

(FR). France

(72)Name of Inventor :

1)MACE, Sandrine;

2)RICARD, Sylvain;

3)COUSIN, Emmanuelle;

4)PRADIER, Laurent;

5)BENAVIDES, Jesus;

6)DELEUZE, Jean-François;

(57) Abstract :

The invention relates to methods for the diagnosis or prognosis of Alzheimer's disease in an individual. An inventive method has at least one step for detecting the presence or the absence of the minority allele of polymorphism rs908832 of gene ABCA2. The presence of the minority allele of polymorphism rs908832 of gene ABCA2 indicates that the individual can be afflicted with Alzheimer's disease or is presently at increased risk of developing Alzheimer's disease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3455/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SEQUENCE CAPABLE OF ACCELERATING GENE EXPRESSION AT MODERATELY LOW TEMPERATURE

(51) International classification	:C12N 15/09	(71)Name of Applicant :
(31) Priority Document No	:2004-084987	1)FUJITA,JUN
(32) Priority Date	:23/03/2004	Address of Applicant :3 MATAUSUGASKI NAKAMACHI, SAKYO-
(33) Name of priority country	:Japan	KU,KYOTO-SHI,KYOTO 606-0926 JAPAN Japan
(86) International Application No	:PCT/JP05/03385	(72)Name of Inventor :
Filing Date	:01/03/2004	1)FUJITA JUN
(87) International Publication No	:WO 2005/090562	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

It is an object of the present invention to provide a method for increasing protein yield in recombinant DNA method using mammalian cell. When a mild low temperature transcription control element comprising at least one nucleotide sequence: X1 ccccX6X7X8 wherein x1 represents t, g, or a; X6 represents g, a, or c; X7 represents c, a or t; X8 represents c, a or t, or a nucleotide sequence complementary to the nucleotide sequence is used as an enhancer and mammalian cells are cultivated at a mild low temperature, the transcription of a desired protein is accelerated. When mild low temperature translation control element of SEQ ID NO: 23 is placed 5' to a coding sequence and 3' to a promoter, and mammalian cells are cultivated at a mild low temperature, the translation of a desired protein is accelerated.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3469/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LACTAMS AS CONFORMATIONALLY CONSTRAINED PEPTIDOMIMETIC INHIBITORS

(51) International classification :C07D 207/273

(31) Priority Document No :60/547,226

(32) Priority Date :23/02/2004

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

(86) International Application No :PCT/US05/06127

Filing Date :23/02/2005

(87) International Publication No :WO
2005/0828489 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)TRUSTEES OF TUFTS COLLEGE

Address of Applicant :BALLOU HALL, 4TH FLOOR , MEDFORD, MA
02155 USA U.S.A.

(72)Name of Inventor :

1)BACHOVCHIN, WILLIAM, W.;

2)LAII HUNG-SEN

3)WU WENGEN

(57) Abstract :

The present invention relates to inhibitors of post-proline cleaving enzyme, such as inhibitors of dipeptidyl peptidase IV, as well as pharmaceutical compositions thereof, and methods for using such inhibitors. In particular, the inhibitors of the present invention incorporate a lactam ring in the backbone of the inhibitors. The compounds of the present invention can have a better therapeutic index, owing in part to reduced toxicity and/or improved specificity for the targeted protease.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3485/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :22/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : THERAPEUTIC AGENT FOR SENILE DEMENTIA

(51) International classification	: C07D 417/12
(31) Priority Document No	:2003-178386
(32) Priority Date	:23/06/2003
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/009095
Filing Date	:22/06/2004
(87) International Publication No	:WO/2004/113333
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)Dainippon Sumitomo Pharma Co., Ltd.
Address of Applicant :6-8, Dosho-machi 2-chome, Chuo-ku, Osaka-shi,
Osaka Japan
(72)**Name of Inventor :**
1)OHNO, Yukihiro
2)ISHIYAMA, Takeo

(57) Abstract :

A therapeutic/preventive agent for cognition dysfunctions which contains as an active ingredient an imide derivative represented by the following general formula [1]. [1] In the formula, Z is the formula [2]; [2] D is the formula $-(CH_2)_p-A-(CH_2)_q-$; G is $=N-$, $-CH-$, etc.; and Ar is an aromatic group, carbon heterocyclic group, etc.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3511/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :23/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : THE POLYMORPHIC FORM A OF 4-[6-ACETYL-3-[3-(4-ACETYL-3-HYDROXY-2-PROPYLPHENYLTHIO)PROPOXY]BUTYRIC ACID

(51) International classification	: C07C 381/00
(31) Priority Document No	:10/601,861
(32) Priority Date	:24/06/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/020153
Filing Date	:24/06/2003
(87) International Publication No	:WO/2005/000242
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)MEDICINOVA, INC.
Address of Applicant :4350 La Jolla Village Drive, Suite 950, San Diego, CA 92122 (US) U.S.A.
(72)**Name of Inventor :**
1)LOCKE, Kenneth, Walter
2)ROE, David, Gregory

(57) Abstract :

Process for making a pharmaceutical composition, comprising: a compound of formula (1) in crystalline form together with a pharmaceutically acceptable carrier or excipient, wherein the compound of formula (1) is present in polymorphic crystal form A substantially free of other polymorphs, and methods for making this polymorph.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3514/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :23/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : TRIAZOLORYRIMIDINES

(51) International classification : A01N 43/90
(31) Priority Document No :10328481.8
(32) Priority Date :25/06/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/006371
Filing Date :14/06/2004
(87) International Publication No :WO/2004/113342
(61) 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 AKTIENGESELLSCHAFT

Address of Applicant :Alfred-Nobel-Str. 50, 40789 Monheim (DE) (All Except US). Germany

(72)Name of Inventor :

1)GEBAUER, Olaf

2)GUTH, Oliver

3)HEINEMANN, Ulrich

4)GREUL, Jörg, Nico

5)HERRMANN, Stefan

6)GAYER, Herbert

7)ELBE, Hans-Ludwig

8)HILLEBRAND, Stefan

9)WACHENDORFF-NEUMANN, Ulrike

10)DAHMEN, Peter

11)KUCK, Karl-Heinz

(57) Abstract :

(EN) The invention relates to novel triazolopyrimidines of formula (I), in which R1, R2, R3, R4 and X are defined as cited in the description, to a method for producing said substances and to their use for controlling undesirable micro-organisms. The invention also relates to novel intermediate products of the formulae (II), (IV), (V-a) and (V-b), in addition to methods for producing said substances. (DE) Neue Triazolopyrimidine der Formel (I) in welcher R1, R2, R3, R4 und X die in der Beschreibung angegebenen Bedeutungen haben, ein Verfahren zur Herstellung dieser Stoffe und deren Verwendung zur Bekämpfung von unerwünschten Mikroorganismen. Neue Zwischenprodukte der Formeln (II), (IV), (V-a) und (V-b) sowie Verfahren zur Herstellung dieser Stoffe.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3544/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :27/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : CANCER TREATMENT WITH EPOTHILONES

(51) International classification	: A61K 31/336
(31) Priority Document No	:60/483,263
(32) Priority Date	:27/06/2003
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/EP2004/006921
Filing Date	:25/06/2004
(87) International Publication No	:WO/2005/000292
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)NOVARTIS AG
Address of Applicant :Lichtstrasse 35, CH-4056 Basel (CH) Swaziland
(72)**Name of Inventor :**
1)PARKINSON, David
2)PARKINSON, David
3)SKLENAR, Ivo
4)ZAKNOEN, Sara

(57) Abstract :

The use of an epotilone for the treatment of a proliferative disease comprising the step of daily administration of a therapeutically effective amount of an epothilone by continuous intravenous (i.v.) administration.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3546/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :27/12/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR REMOVAL OF ACROLEIN FROM ACRYLONITRILE PRODUCT STREAMS

(51) International classification : C07C 253/34

(31) Priority Document No :10/609,088

(32) Priority Date :27/06/2003

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

(86) International Application No :PCT/US2004/019826

Filing Date :21/06/2004

(87) International Publication No :WO/2005/003063

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)Name of Applicant :

1)SOLUTIA INC.

Address of Applicant :575 Maryville Centre Dr., St. Louis, MO 63141

(US) (All Except US) U.S.A.

(72)Name of Inventor :

1)WARD, Gregory, J.

2)BLANCHARD, Bryan

3)MOFFATT, Scott, G.

4)MONICAL, Valerie, S.

5)MURPHY, Richard, D.

6)RAMCHANDRAN, Balshekar

(57) Abstract :

Acrolein is removed from a process stream such as a process stream generated in the manufacture of acrylonitrile. The process includes reacting the acrolein with a compound containing a reactable thiol or hydroxyl moiety in the presence of an acid catalyst. The present process provides for a refined process stream that contains no more than 5 ppm by weight unreacted acrolein.

(54) Title of the invention : SPINNING MACHINE WITH SEVERAL DRAFTING DEVICE DRIVES

(51) International classification

:D01H5/72

(71)Name of Applicant :

(31) Priority Document No

:10 2004
 01700000

1)MASCHINENFABRIK RIETER AG

(32) Priority Date

:02/04/20

Address of Applicant :KLOSTERSTRASSE 20, CH-8406

(33) Name of priority country

:Germany

WINTERTHUR, SWITZERLAND Switzerland

(86) International Application No

:NA

(72)Name of Inventor :

Filing Date

:NA

1)WERNLI, JORG

(87) International Publication No

: NA

2)MONDGENAST, PETER

Patent of Aa

:NA

3)MALINA, LUDEK

Filing Date

:NA

4)KREJCI, EMIL

Divisional t

:NA

Filing Date

:NA

4)KREJCI, EMIL

Abstract :

(57) Abstract :

The present invention relates to a spinning machine with a drafting device (20) with several rollers (22), to which at least one drive (40) is allocated, characterised in that the drive (40) as a structural unit is secured at least at one place on a carrier element (26) of the spinning machine (10), whereby this securing is for preference designed in such a way that the mass or mass weight of the drive (40) is carried for the most part by the carrier element, and that the drive (40) is additionally supported at the roller (22) for which the drive is intended. (Fig. 1g) Parts list Order 2755 1 2 3 4 5 Doffer 6 7 8 9 10 Spinning machine 11 Spinning position 12 Plate 12a Window 13 14 Bearings for doffer 15 16 17 18 19 20 Drafting device 21 22 Roller with toothed wheel or gear wheel 22a Feed roller 22b Middle roller 22c Delivery roller 22a1 Toothed wheel or gear wheel 22z Toothed belt 23 24 Load application device with pressure rollers 25 26 Carrier element 27 28 Carrier tube 29 Transverse element 30 Suction system 31 32 Extraction suction for drafting device 32a Part channel 32b Second part channel 32ab Separation plate 32c Third part channel 322 326 326a 33 330 332 34 Suction device for compaction 35 36 37 38 39 40 Drive 41a Axis 41b Axis 41c Axis 42 Drafting device arrangement 42' 42a Motor 42a Shaft 42b Transmission or gear unit 42b1 Toothed wheel or gear wheel 42b" Reduction gear 42c Holding element 43a Further holding element 43b Further holding element 44 Bearing 45 Toothed belt drive 45' Toothed belt 45a Intermediate transmission or gear unit 45b Intermediate transmission or gear unit 45c Intermediate transmission or gear unit 45d Intermediate transmission or gear unit 45e Intermediate transmission or gear unit 46 46a" 46b Drive wheel 46c Intermediate wheel 46c Axis 46d Holding element 46e Belt 46f Power take-off wheel with delivery roller 47 Toothed wheel 50 Drive roller 52 Lever 54a First pivot arm 54b Second pivot arm 55 56a First link plate 56b Second link plate 60 Housing 61 62 Fluid housing 63 64 Fluid line 65 66 Additional housing 67 68 69 70 Section 71 72 Transverse element (29, 28 carrier tube) 73 74 Machine head 75 76 Spinning device 522a Drafting roller 522b Drafting roller 522c Drafting roller 540a Drive block 540a' Drive block 540b Drive block 540b' Drive block 540c Drive block 540c' Drive block

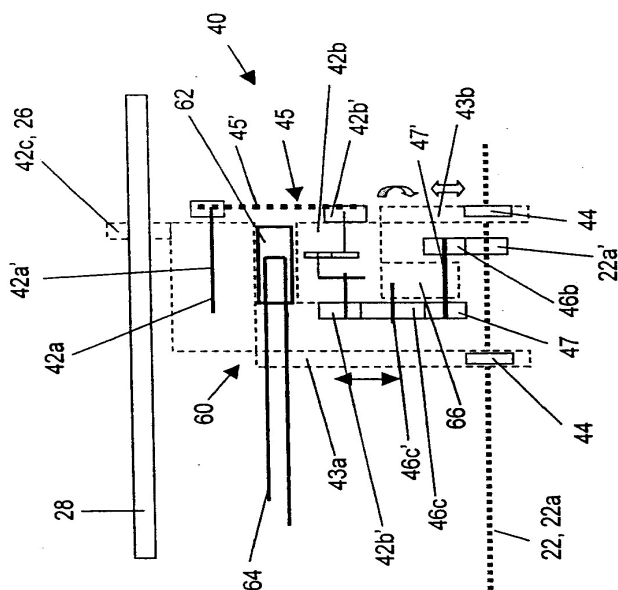


Fig. 19

(12) PATENT APPLICATION PUBLICATION

(21) Application No.356/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :01/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : ADAPTIVE BOREHOLE ASSEMBLY VISUALIZATION IN A THREE DIMENSIONAL SCENE

(51) International classification

:E21B7/04,
G01V1/40

(31) Priority Document No

:10/708,929

(32) Priority Date

:01/04/2004

(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

:

Filed on

:

(71)Name of Applicant :

**1)PETROLEUM RESEARCH AND
DEVELOPMENT N.V.**

Address of Applicant :DE RUYTERKADE 62,
WILLEMSTAD, CURACAO Netherlands

(72)Name of Inventor :

1)IGOR TERENCEV,

2)DENIS J. HELOIT

3)MATHIEU WILL

(57) Abstract :

A method for displaying a bottom-hole assembly together with a borehole trajectory includes displaying the borehole trajectory in a display window; and displaying the bottom-hole assembly in the display window such that the borehole trajectory and the bottom-hole assembly are in parallel and a measurement depth of the bottom-hole assembly corresponds to a measurement depth of the borehole trajectory.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.357/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :01/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : TEXTILE MACHINE WITH AUTOMATIC BOBBIN CHANGING DEVICE AND METHOD FOR THE OPERATION THEREOF

(51) International classification	:D01H9/18	(71) Name of Applicant :
(31) Priority Document No	:0582/04	1)MASCHINENFABRIK RIETER AG
(32) Priority Date	:02/04/2004	Address of Applicant :KLOSTERSTRASSE 20, CH-8406
(33) Name of priority country	:Switzerland	WINTERTHUR Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)MALINA, LUDEK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:	
Filed on	:	

(57) Abstract :

The invention relates to a textile machine with a bobbin changing device, the use of which is also well-suited for particularly large bobbin diameters. Fig, 3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.358/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :01/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUEL PUMP FUEL SUPPLY EQUIPMENT USING FUEL PUMP AND MEHOD FOR MANUFACTURER FUEL

(51) International classification	:F02M37/00, H02K29/00	(71) Name of Applicant : 1)DENSO CORPORATION
(31) Priority Document No	:2004- 110164	Address of Applicant :1-1 SHOWA-CHO, KARIYA-CITY, AICHI-PREF 448-8661 Japan
(32) Priority Date	:02/04/2004	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)NAGATA KIYOSHI
(86) International Application No	:NA	2)MOROTO KIYONORI
Filing Date	:NA	3)KUROIWA, KAZUNARI
(87) International Publication No	: NA	4)OTAKE, MASSAYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:	
Filed on	:	

(57) Abstract :

A fuel pump mounted in the fuel tank for the motor cycle comprises a motor and a pump driven by the motor for increasing a pressure of the sucked fuel. The motor is a brushless motor and has a stator core, coils and a rotor. An electrical energization for the coils wound around the stator core is controlled in response to a rotating position of the rotor, thereby the rotor is rotated. The rotor has a shaft, a rotating core and a permanent magnet, and the rotor is rotatably mounted at the inner circumference of the stator core. The permanent magnet is mounted at the outer circumference of the rotating core and magnetically energized so as to form magnetic poles different alternatively in a rotating direction at the outer circumferential surface facing the stator core.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.360/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : "VEHICLE TAIL LAMP"

(51) International classification	:F21Q 1/00, B60Q 1/30	(71) Name of Applicant : 1)HONDA MOTOR CO., Ltd
(31) Priority Document No	:2005- 055911	Address of Applicant :1-1, Minamiaoyama 2-chome , Minato , Tokyo Japan
(32) Priority Date	:01/03/2005	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)OKAMOTO
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In a tail lamp having a tail lamp functioning portion and a license lamp functioning portion on a common lens, a lens is adapted to be held easily when dismounting and mounting the lens from the rear of the vehicle body and replacing a bulb, and white light for illuminating a license plate is prevented from being leaked toward the rear of the vehicle body. [Solving Means] A lens 10 of a tail lamp 1 provided on a rear portion of a body cover 2 is dismounted and mounted to the rear of the vehicle body to replace a bulb 30. A white license section 13 is provided on a lower surface portion 12 of the lens 10 to illuminate a license plate 5 located below, and a rib 15 projecting downward is integrally provided on the front side of the license section 13 to prevent white light transmitted through the license section 13 from being leaked toward the rear.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.361/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : "TRANSMISSION FOR A TRACTOR"

(51) International classification	:B60K 17/00	(71)Name of Applicant : 1)KUBOTA corporation
(31) Priority Document No	:2005- 130428	Address of Applicant :2-47, shikitsuhigashi 1-chome, Nanima-Ku, Osaka- shi, Osaka, Japan. Japan
(32) Priority Date	:27/04/2005	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TSUJI, kenichiro
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A transmission for a tractor comprising: a change speed device operable, when an engine of the tractor and the transmission are connected, to transmit, in varied speeds, power from the engine to driving wheel; a main drive shaft for receiving the power from the engine when the engine of the tractor and the transmission are connected; and a reverse and forward drive switching device disposed between the engine and the change speed device to be operable, when the engine of the tractor and the transmission are connected, to switch a direction of rotation of the power from the engine, the reverse and forward drive switching device being shiftable between a high-speed forward drive position and a low-speed forward drive position, and a reverse drive position, and including: a high-speed forward drive clutch mounted to the main drive shaft for switching the reverse and forward drive switching device to the high-speed forward drive position; a low. speed forward drive clutch mounted to the main drive shaft for switching the reverse and forward drive I switching device to the low-speed forward drive position; and a reverse drive clutch on the main drive shaft for switching the reverse and forward drive switching device to the reverse drive position.

(54) Title of the invention : FLOATING SUCKER

(51) International classification	:C02F1/40	(71) Name of Applicant :
(31) Priority Document No	:NA	1)K.M. BALAJI
(32) Priority Date	:NA	Address of Applicant :OLD NO. 9/B, NEW NO. 29 KALAMEGAM
(33) Name of priority country	:NA	STREET, EAST TAMBARAM, CHENNAI-600 059 Tamil Nadu India
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)K.M. BALAJI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Floating sucker comprise a float, a water proof sheeth a floated pipe and a bottom cup. The float is attached to the water proof sheeth at the top portion slotted pipe is filled in side the sheeth on the bottom cup. Bottom side of the sheeth is fastened to the bottom cup. The Float helps the water proof sheeth to cover the slotted pipe at a desired level. Float can be adjusted to float just below the surface level of the water. So the water at the surface level gets in to the bottom cup through the uncovered portions of the slotted pipe with that water the eggs of the mosquitoes are also get drained. So the reproduction of mosquitoes is prevented. Urban malaria is today's most important problem as the mosquitoes and the parasite got resistance to the chemicals and drugs. By the statistics of malaria we can see the growth of malaria cases as never before. It is feared that there it will be more malaria cases in a epidemic form in near future and also mortality (death) will go high as the resistance of the parasite plasmodium falcifaram grows rapidly. So prevention of mosquitoes breeding is mot important. Using of present invention floating sucker controls the breeding very effectively and economically. Reduces the man power, avoids chemical expenses. It is pollution free. Installation is also very simple. Convenient to public hence it is one time work. No maintenance needed. Moreover lacks and lacks of Rupees of Government money spent towards malaria control can be saved.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.362/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : "PROCESS FOR UREA PRODUCTION AND RELATED PLANT"

(51) International classification	:C07C 273/04, C07C 273/00	(71)Name of Applicant : 1)UREA CASALE S.A. Address of Applicant :of Via Giulio Pocobelli, 6,CH-6900, Lugano-Besso, Switzerland. Switzerland
(31) Priority Document No	:05004664.8	(72)Name of Inventor :
(32) Priority Date	:03/03/2005	1)ZARDI
(33) Name of priority country	:EUROPEAN UNION	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A process for urea production from ammonia and carbon dioxide, made to react at a predetermined high pressure in an appropriate synthesis reactor (12), obtaining an aqueous 5 solution comprising urea, ammonium carbamate and ammonia, recovery of carbamate and ammonia from the aqueous solution through steps of decomposition of the carbamate and thermal stripping of ammonia and carbon dioxide thus produced, in a respective stripper (14), their subsequent recondensation 10 into carbamate, in a respective condenser (16), recycle of the carbamate to the synthesis reactor (12), said steps, together with the urea synthesis reaction, all being carried out substantially at a same high pressure; the process comprises the further steps of: 15 -introducing passivation oxygen into the synthesis reactor (12) ; -recovering from said reactor (12) a gaseous effluent comprising unreacted carbon dioxide and ammonia and passivation oxygen; 20 -feeding the gaseous effluent from the synthesis reactor (12) to the base (14b) of the stripper (14), for the passivation of at least part of the inside of the stripper (14) .

(12) PATENT APPLICATION PUBLICATION

(21) Application No.365/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : "RING BINDER MECHANISM"

(51) International classification	:B42F 13/22	(71)Name of Applicant : 1)World Wide Stationery Manufacturing Company, Ltd.
(31) Priority Document No	:60/712,045	Address of Applicant :19/F, Koon Wah Mirrors Factory, 3rd Industrial
(32) Priority Date	:29/08/2005	building, 5-9 Ka Hing Road, Kwai chung, New Territory, Hong Kong.
(33) Name of priority country	:U.S.A.	Hongkong(China)
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Chun Yuen To
(87) International Publication No	: NA	2)Hung Yu Cheng
(61) Patent of Addition to Application Number	:NA	3)Chun Cheung Law
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A ring mechanism for retaining loose-leaf pages includes a housing having a central top portion and an open bottom generally opposed to the central top portion. The central top portion has a longitudinally extending channel therein along the entire length of the housing. Hinge plates supported by the housing may pivot relative to the housing. The hinge plates support ring members that pivot with the hinge plates to open and close rings for adding and removing loose-leaf pages. In one version, the housing can be of a skeletonized construction, with the channel providing additional rigidity for the housing.

(54) Title of the invention : FASTENER TAPE SUPPLY UNIT OF FASTENER STRINGER CONTINUOUS MANUFACTURING APPARATUS

(51) International classification	:A44B 19/44	(71)Name of Applicant : 1)YKK CORPORATION
(31) Priority Document No	:2005- 057956	Address of Applicant :1, KANDAIZUML, CHIYODA-KU, TOKYO 101- 8642, JAPAN Japan
(32) Priority Date	:02/03/2005	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)TERASAWA, AKINOBU
(86) International Application No	:NA	2)NISHIDA, KAZUYOSHI
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention provides a fastener tape supply unit capable of continuously obtaining a high quality stringer by automatically adjusting a tension of a fastener tape at an engaging element attaching portion within a predetermined tension range for a long term, the fastener tape supply unit being applied to a continuous manufacturing apparatus for a fastener stringer which attaches individual engaging elements obtained from a metallic linear material to a fastener tape supplied intermittently. A dancer roller (38) which moves up and down corresponding to changes in tape tension is loaded on a fastener tape (T) carried between a feed roller portion (36, 37) for feeding the fastener tape (T) continuously and positively and an engaging element implantation portion. An upper limit position and a lower limit position of the dancer roller (38) are detected by detecting means (40), and when the dancer roller (38) goes out of a range defined by the upper limit position and the lower limit position, a corresponding detection signal is sent to a control portion (42) . The control portion (42) outputs an instruction signal for always holding the dancer roller (38) between the upper limit position and the lower limit position to a drive portion of a drive roller (36), 23 thereby controlling a tape feeding amount of the feed roller portion (36, 37) to be always constant. Selected Drawing FIG. 4

(54) Title of the invention : TURBOFAN ENGINE WITH THE FAN FIXED TO A DRIVE SHAFT SUPPORTED BY A FIRST AND A SECOND

(51) International classification	:F02C3/04	(71) Name of Applicant :
(31) Priority Document No	:NA	1)SNCEMA MOTEURS
(32) Priority Date	:NA	Address of Applicant :2 BOULEVARD DU GENERAL MARTIAL
(33) Name of priority country	:NA	VALIN 75015 France
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GUY LAPERGUE
(87) International Publication No	: NA	2)REGIS SERVANT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The turbojet according to the invention comprises a fixed structure, a fan rotor fixed to a drive shaft (5) supported by a first bearing (6) and a second bearing (7), mounted on the said structure fixed through a bearing support part (11, 19), the first bearing (6) being mounted on the fixed structure of the turbojet through a device (13) enabling it to be decoupled (13) from the fixed structure, characterised by the fact that the second bearing (7) is mounted on the bearing support part (19) through a link acting as a ball joint (23, 24) and in that the turbojet also comprises means enabling axial displacements of the second bearing (7) with respect to the fixed structure of the turbojet if the first bearing (6) should be decoupled. The centring function of the second bearing (7) after decoupling of the first bearing (6) is thus provided without introducing excessive stresses in the bearing (7). Figure for the abstract: Figure 2

(12) PATENT APPLICATION PUBLICATION

(21) Application No.373/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :04/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : SIMULATED MOVING BED ADSORPTIVE SEPERATION PROCESS FOR PREVENTING INCREASE IN PRESSURE DROP AND SYSTEM THEREOF

(51) International classification	:B01D15/08	(71) Name of Applicant :
(31) Priority Document No	:10-2004-0023460	1)SAMSUNG TOTAL PETROCHEMICALS CO., LTD
(32) Priority Date	:06/04/2004	Address of Applicant :SAN 222-2, DOKKOT-LI, TAESAN-EUP, SCOSAN-SHI, CHUNGCHONGNAM-DO 356-870, KOREA Republic of
(33) Name of priority country	:Republic of Korea	Korea
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)LEE, JIN SUK
(87) International Publication No	: NA	2)SHIN NAM CHEOL
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract of the Disclosure Disclosed is a simulated moving bed (SMB) adsorptive separation system in which at least one component of a fluid mixture is brought into contact with a solid adsorbent and the adsorbed component is desorbed with a desorbent, wherein the improvement comprises an inert ball layer is formed on the upper part of the solid absorbent filled in the simulated moving bed.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.375/MAS/2003 A

(19) INDIA

(22) Date of filing of Application :05/05/2003

(43) Publication Date : 08/06/2007

(54) Title of the invention : PREPARATION OF OLIGOSACCHARIDE BIONANOPARTICLES FROM MORINGA OLEIFERA LAM

(51) International classification	:A61K 38/47	(71) Name of Applicant : 1)SAMBANDAM SHANMUGASUNDARAM
(31) Priority Document No	:NA	Address of Applicant :DEPARTMENT OF MICROBIAL
(32) Priority Date	:NA	TECHNOLOGY, MADURAI KAMARAJ UNIVERSITY, MADURAI.
(33) Name of priority country	:NA	Tamil Nadu India
(86) International Application No	:NA	2)PARTHASARATHY KRUPAKAR
Filing Date	:NA	3)SUGUNA SHANMUGASUNDARAM
(87) International Publication No	: NA	(72) Name of Inventor :
(61) Patent of Addition to Application Number	:NA	1)SAMBANDAM SHANMUGASUNDARAM
Filing Date	:NA	2)PARTHASARATHY KRUPAKAR
(62) Divisional to Application Number	:NA	3)SUGUNA SHANMUGASUNDARAM
Filing Date	:NA	

(57) Abstract :

A process of preparation of bionanoparticles from Moringa oleifera Lam gum is described. The bionanoparticles were between 60nm to 100nm. They protected plasmid DNA and RNA from degradation, inhibit the growth of onion roots and induce membrane blebbing leading to apoptosis and death of human epidermoid carcinoma HEP2 cells.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.377/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :05/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUTOMOBILE INSTRUMENT PANEL STRUCTURE

(51) International classification	:B62D 25/00	(71)Name of Applicant : 1)HONDA MOTOR CO., LTD
(31) Priority Document No	:2004- 114105	Address of Applicant :1-1 MINAMIAOYAMA 2-CHOME, MINATO- KU, TOKYO, JAPAN Japan
(32) Priority Date	:08/04/2004	(72)Name of Inventor :
(33) Name of priority country	:Japan	1)SATO, TADASHI
(86) International Application No	:NA	2)FUKUSHIMA, TETSUJI
Filing Date	:NA	3)KABAYAMA, HIDETOSHI
(87) International Publication No	: NA	4)CHINZAI, NAOYA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In an automobile instrument panel structure, an upper meter provided in an upper front part of an instrument panel main body is disposed so as to correspond to an upper side of an upper half of a steering wheel, and a lower meter provided in a lower rear part of the instrument panel main body is disposed so as to correspond to a lower side of the upper half of the steering wheel. It is thus possible to reliably view the upper meter and the lower meter without being obstructed by the steering wheel. Further, since an upper edge of a panel in which the upper meter is disposed has a shape substantially conforming to the upper half of the steering wheel, there is no disagreeable sensation even when the upper meter, which has conventionally been disposed in a laterally central part of the instrument panel main body, is disposed in front of the driver. Furthermore, since the panel can be attached to and detached from the instrument panel main body, maintenance can easily be carried out for the upper meter and the lower meter by removing the panel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.378/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :05/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : VIBRATION WELDING TOOL AND METHOD

(51) International classification	:B29C 65/00	(71) Name of Applicant : 1)MISHIMA, TAIJI
(31) Priority Document No	:2004- 114184	Address of Applicant :C/O BRANSON ULTRASONICS DIV., OF, EMERSON JAPAN LTD, 4-3-14, OKADA, ATSUGI-SHI, KANAGAWA
(32) Priority Date	:08/04/2004	243-0021, JAPAN Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)KIMURA, MASATAKA
Filing Date	:NA	2)SENGOKU, DAISUKE
(87) International Publication 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 vibration welding tool in which not less than three thermoplastic workpieces are integrally vibration welded into sandwich structure, which comprises an upper jig means supporting a first workpiece so that micro-vibration of crosswise direction can be applied thereto from a vibrating means and a lower jig means to hold plural second workpieces to be welded to at least both surfaces of the first workpiece, the lower jig means being operated so that the second workpieces are moved in the height direction by an elevating means to align with the first workpiece and slid in the lateral direction toward the first workpiece by a sliding means to come into contact therewith.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.379/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :05/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELEVATOR WITH CAR OPERATING PANEL

(51) International classification

:B66B1/46

(31) Priority Document No

:04405215.7

(32) Priority Date

:04/08/2004

(33) Name of priority country

:EUROPEAN UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :SEESTRASSE 55, CH-6052 HERGISWIL,

SWITZERLAND Switzerland

(72)Name of Inventor :

1)FELDER, HUGO

2)TAIANA, DENNYS

3)ALUISETTI, MARCO

4)TAIANA, DENNYS

(57) Abstract :

Elevator with a car operating panel (1), comprising push buttons (6) corresponding to floors of a building, wherein said push buttons (6) act on switch contacts (9) registering elevator calls, and wherein said push buttons (6) are mountable on the switch contacts (9) by snap action or by screws. (Fig. 3)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.380/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :05/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : FOR INTERVAL COMBUSTION ENGINE

(51) International classification	:F02P3/04, F02P1/08	(71) Name of Applicant : 1)DENSO CORPORATION
(31) Priority Document No	:2004- 114251	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI- PREF 448-8661, JAPAN Japan
(32) Priority Date	:08/04/2004	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)SAKAI, KATSUHIRO
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An ignition apparatus for an engine ignites mixture gas in a combustion chamber of the engine. The ignition apparatus includes an ignition coil, a battery, a switching element, a first condenser, and a reverse flow preventing means. The ignition coil includes a primary coil and a secondary coil. The battery supplies electricity to the primary coil. The switching element controls primary electricity, which passes through the primary coil. The first condenser is arranged to be in parallel with the battery. The first condenser supplies electricity to the primary coil and the switching element, when the battery runs down. The reverse flow preventing means prevents electricity from flowing from the first condenser to the battery.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.381/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :05/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIGH TG COATINGS

(51) International classification	:C08F 8/30	(71) Name of Applicant :
(31) Priority Document No	:10/819,763	1)PEPSICO, INC
(32) Priority Date	:07/04/2004	Address of Applicant :700 ANDERSON HILL ROAD, PURCHASE, NY
(33) Name of priority country	:U.S.A.	10577, USA U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)FARHA, SAID
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Articles are coated by applying a coating composition of a high Tg phenoxy-type material having a Tg of at least about 75°C to at least a portion of a surface of an article, and forming a dried/cured coating of the high Tg phenoxy-type material on the article surface, where the coating has the high Tg phenoxy-type material and a PHAE; or the article surface comprises a coating includes a PHAE; or the coating has the high Tg phenoxy-type material and a PHAE, and the article surface includes a coating layer of a PHAE.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.382/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :06/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELEVATOR WITH CAR OPERATING PANEL

(51) International classification

:B66B

(31) Priority Document No

:04405216.5

(32) Priority Date

:08/04/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :SEESTRASSE 55, CH-6052 HERGISWIL,

SWITZERLAND Switzerland

(72)Name of Inventor :

1)FELDER, HUGO

2)TAIANA, DENNYS

3)ALUISETTI, MARCO

(57) Abstract :

Elevator with a car operating panel (1) to register elevator calls, comprising touch sensitive buttons (6), wherein said buttons are freely configurable to correspond to floors of a building according to a specified configuration, said buttons are configured to be lighted on with light of a first color (9), when active in the specified configuration, so as to be visible, and said buttons are configured to be lighted off (10), when inactive in the specified configuration, so as to be invisible. (Fig. 2)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.382/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :03/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ELECTOMAGNETIC APPARATUS AND METHOD FOR CONTROLLING FLUID FLOW

(51) International classification

:G05D 7/01

(31) Priority Document No

:60/659,343

(32) Priority Date

:05/03/2005

(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)ARICHELL TECHNOLOGIES, INC.

Address of Applicant :55 BORDER STREET, WEST NEWTON MA

02165, USA U.S.A.

(72)Name of Inventor :

1)HERBERT, KAY

2)PERSONS, NATHAN, E.,

3)MO, XIAOXIONG,

4)GULER, FATIH,

(57) Abstract :

An actuator including actuator base, bobbin, and pole piece forming a pocket for a ferromagnetic armature located therein. The actuator including a radial magnet and a solenoid coil, The solenoid coil is constructed and arranged to cause a linear displacement of the armature upon application of a coil drive current from a control circuit. The actuator may include a flexible membrane that partially encloses the armature to form an armature chamber filled with an incompressible fluid. In a valve design, a fluid flow is stopped by driving the armature to an extended position and thus the membrane against a valve seat. The fluid flow is opened by driving the armature and the membrane away from the valve seat into a retracted position.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.383/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :06/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : INTERNAL COMBUSTION ENGINE INTAKE AIR THROTTLING SYSTEM

(51) International classification	:F16K 1/22	(71) Name of Applicant :
(31) Priority Document No	:2004-114634	1)DENSO CORPORATION
(32) Priority Date	:08/04/2004	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI-PREF 448-8661, JAPAN Japan
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:NA	1)SANO, RYO
Filing Date	:NA	2)NAKANO, YUJI
(87) International Publication No	: NA	3)FURUKAWA, AKIRA
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT OF THE DISCLOSURE When an outer peripheral part of a butterfly valve mechanically contacts a radially inner surface of a throttle body, a circular disk portion of the butterfly valve is tilted a predetermined angle relative to a perpendicular line, which is perpendicular to a central axis of an air intake passage. In this way, at the time of installing the butterfly valve, the positional adjustment of the butterfly valve relative to the radially inner surface of the throttle body can be performed. Thus, a throttle shaft and the butterfly valve can be assembled together while a gap between the radially inner surface of the throttle body and the outer peripheral part of the butterfly valve is minimized.

(54) Title of the invention : IMPELLER AND FUEL PUMP USING THE SAME

(51) International classification	:F04D5/00	(71)Name of Applicant :
(31) Priority Document No	:2004-113324	1)DENSO CORPORATION
(32) Priority Date	:07/04/2004	Address of Applicant :1-1, SHOWA-CHO, KARIYA-CITY, AICHI-
(33) Name of priority country	:Japan	PREF 448-8661, JAPAN Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)INUZUKA, YUKIO
(87) International Publication No	: NA	2)NAGATA, KIYOSHI
(61) Patent of Addition to Application Number	:NA	3)YAGI, SATOSHI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The outer periphery of a disc-shaped impeller is surrounded with an annular portion. Vane grooves are formed on the inner circumferential side of the annular portion on both sides in the axial direction. The vane grooves, which are adjacent to each other, are partitioned with a partition wall that is bent at the substantially center in the axial direction. The partition wall is bent to the rear side relative to the rotative direction. The vane grooves, which are formed on both sides in the axial direction, are partitioned with a wall from each other partially on the radially inner side thereof. A partition wall, which is arranged on the rear side of the vane groove relative to the rotative direction, has a fore face that is on the fore side of the partition wall relative to the rotative direction. The fore face is an inclined flat face that is inclined to the rear side relative to the rotative direction, as extending to the radially outer side.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :07/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIGH PRECISION EARTHQUAKE-TSUNAMI WARNING INSTRUMENT

(51) International classification	:G08B21/10	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A. GANAPATHY
(32) Priority Date	:NA	Address of Applicant :NO 59 DR RADHAKRISHNA NAGAR
(33) Name of priority country	:NA	THIRUVOTTIYUR, CHENNAI-600019 Tamil Nadu India
(86) International Application No	:NA	2)G. SATHISH KUMAR
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	: NA	1)A. GANAPATHY
(61) Patent of Addition to Application Number	:NA	2)G. SATHISHKUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Day by day the threat by EarhQuake and Tsunami is increasing. So far our scientists are unable to find out the foolproof advance warning system for this types of disasters. Soon after the Gujarat EarthQuake we saw an illustration in the "The Hindu" newspaper that showed that the seismograph recorded a small vibration that was followed by the devastating EarthQuake 25 seconds later. We were intrigued by the idea of devising a system that could sense pre-quake vibrations and warn people of impending quakes and tsunamis. Therefore we started studying the behaviors of EarthQuake and came up with this highly improved version of quake alarm with many special features and can be manufactured at a very low cost so that every body can afford to install in their houses

(12) PATENT APPLICATION PUBLICATION

(21) Application No.386/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AN ELECTRIC SWITCHBOARD, AND A MEDIUM VOLTAGE SUBSTATION COMPRISING SUCH A SWITCHBOARD

(51) International classification	:G01R 11/00	(71)Name of Applicant :
(31) Priority Document No	:05075547.9	1)ABB TECHNOLOGY AG
(32) Priority Date	:07/03/2005	Address of Applicant :AFFOLTERNSTRASSE 44, CH-8050 ZURICH,
(33) Name of priority country	:EUROPEAN UNION	SWITZERLAND; Switzerland
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)TELLARINI, MARCO,
(87) International Publication No	: NA	2)DECK, BERNHARD,
(61) Patent of Addition to Application Number	:NA	3)RUDOLF, PAUL
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An electric switchboard comprising an enclosure having a door and a plurality of walls which all together delimit an inside volume suitable to accommodate internal components of the switchboard, the peculiarity of which consists in the fact that it comprises a dedicated compartment which is shaped to allow performing wireless communication of signals between at least one of the internal components of the switchboard and one further component. The invention relates also to a medium voltage substation comprising such a switchboard.

(54) Title of the invention : ACHIEVING DESIRED SYNCHRONIZATION AT SEQUENTIAL ELEMENTS WHILE TESTING INTEGRATED CIRCUITS USING SEQUENTIAL SCAN TECHNIQUES

(51) International classification	:G01R31/28	(71) Name of Applicant :
(31) Priority Document No	:NA	1)TEXAS INSTRUMENTS INCORPORATED
(32) Priority Date	:NA	Address of Applicant :P.O. BOX 655474, M.S. 3999, DALLAS, TEXAS,
(33) Name of priority country	:NA	75265 U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)YATIN R. ACHARYA
(87) International Publication No	: NA	2)ANAND BHAT
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

What Is Claimed Is: 1. An integrated circuit comprising: a plurality of sequential elements coupled in sequence for testing according to a sequential scan technique, said plurality of sequential elements containing a first sequential element; and a delay circuit provided in a path to said first sequential element, said delay circuit being programmable to provide a desired delay magnitude such that a data input is received synchronous with a clock input at said first sequential element. 2. The integrated circuit of claim 1, wherein said path comprises a data input path. 3. The integrated circuit of claim 2, wherein said delay circuit comprises: a plurality of delay elements connected in series, each of said plurality of delay elements providing a corresponding delay, a first delay element of said plurality of delay elements receiving said data input; and a plurality of multiplexors, each of said plurality of multiplexors selecting an output from a previous multiplexer or an output of a corresponding one of said plurality of delay element on another input according to a corresponding one of a plurality of select signals. 4. The integrated circuit of claim 3, wherein said plurality of select signals are provided from a register, which can be set to a value to achieve said programmability. 5. The integrated circuit of claim 1, wherein said delay circuit comprises only combinatorial logic. 6. The integrated circuit of claim 1, wherein said sequential scan technique comprises automatic test pattern generation (ATPG). Dated this 06th day of April 2005 Abstract A programmable delay circuit is provided in either data input path or a clock input path of a sequential element contained in a scan chain of an integrated circuit. The scan chain is used to test the integrated circuit using a sequential scan technique (e.g., Automatic test pattern generation (ATPG)). Due to the programmability of delay magnitude, the burden on a designer to achieve synchronization of the data input with the clock signal while testing, is reduced.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.391/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :07/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : MANAGING FIELD DEVICES HAVING DIFFERENT DEVICE DESCRIPTION SPECIFICATIONS IN A PROCESS CXONTROL PLANT

(51) International classification

:G05B15/02

(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)HONEYWELL INTERNATIONAL INC

Address of Applicant :101 COLUMBIA ROAD P.O. BOX 2245
MORRISTOWN, NJ 07962-2245 U.S.A.

(72)Name of Inventor :

1)DEEPAK S BHANDIWAD

2)RIZWAN MOHAMMED

3)RAGHAVENDRA T. S. PRASAD

4)SURJYA NARAYANA PaTRA

(57) Abstract :

Abstract According to an aspect of the present invention, device descriptions of different DD specifications are converted (represented) into a single format. In an embodiment, the single format corresponds to extended markup language (XML). The device description in the single format is then examined to provide a user interface for management of the corresponding field devices. Due to such use of a common format, integration of field devices (into a management system) having device description defined according to a new DD specification, may be simplified.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.394/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :07/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROTECTIVE NET FOR VEHICLES

(51) International classification	:B60J1/20	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0041198	1)KIM, MOON CHUL
(32) Priority Date	:05/06/2004	Address of Applicant :EULWANG-DONG 760-1, JOONG-GU, INCHUN
(33) Name of priority country	:Republic of Korea	KWANGYUK-CITY 400-420, KOREA Republic of Korea
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KIM, MOON CHUL
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Disclosed herein is a protective net for vehicles, which includes a net part made of steel or stainless steel and a frame. When a driver or a passenger determines that the protective net is needed, the protective net constructed so that the net part made of steel or stainless steel is surrounded with the frame is used in place of a window inserted into a window frame of a vehicle. It is possible to change the protective net such that it has various sizes, according to the structure and shape of windows used in various vehicles. The protective net is manufactured to have a size proper to be inserted into a rubber packing of a window frame, when the window is maximally moved rearwards. After a lock of the window is unlocked to be moved downwards or slide backwards, the protective net is inserted into the rubber packing and is locked by a net locking unit, thus being utilized in place of the window. The protective net reduces the amount of fuel consumed by the vehicles in the summer season, has a ventilation effect, prevents noxious insects from entering the vehicles, has an antitheft function, blocks ultraviolet rays, and provides a comfortable compartment.

(54) Title of the invention : VARIABLE GEOMETRY TURBINE

(51) International classification	:F01K 7/00	(71)Name of Applicant :
(31) Priority Document No	:0407978.6	1)HOLSET ENGINEERING CO. LIMITED.
(32) Priority Date	:08/04/2004	Address of Applicant :ST. ANDREWS ROAD., HUDDERSFIELD HD1
(33) Name of priority country	:U.K.	6RA. U.K U.K.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)STEVE GARRETT
(87) International Publication No	: NA	2)JOHN PARKER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A variable geometry turbine comprises a turbine housing (4) defining a turbine chamber within which a turbine wheel (16) is mounted for rotation about a turbine axis (17). The turbine chamber has a radially extending annular inlet (18) defined between facing annular side walls (19,20) of the turbine housing, the annular inlet (18) having an axial width defined between the annular side walls (19,20). An annular array of swing vanes (22) is mounted within the inlet (18), each vane (22) having an axial length (L) extending across the inlet (18) between chordal vane edges lying adjacent respective annular side walls of the inlet (18), and a chordal length (W) defined between leading and trailing vane edges extending across the inlet (18). Means (24,25) are provided for pivoting each vane (22) about a respective pivot axis (23) extending across the inlet to adjust the effective cross-section area of the annular inlet. Each vane is pivotable between a first position in which the area of the inlet (18) is a minimum and a second position in which the area of the inlet (18) is a maximum. At least one of said annular side walls (18,19) is configured so that clearance between the side wall and at least a portion of the adjacent chordal edge of each vane (22) varies in a predetermined manner as the vane moves between positions intermediate the first and second vane positions.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.397/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :08/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROVING EFFICIENCY IN PROCESSING QUERIES DIRECTED TO STATIC DATA SETS

(51) International classification	:G06F17/30	(71) Name of Applicant :
(31) Priority Document No	:NA	1)ORACLE INTERNATIONAL CORPORATION
(32) Priority Date	:NA	Address of Applicant :500 ORACLE PARKWAY, M/S50P7 REDWOOD
(33) Name of priority country	:NA	SHORES, CA 94065, USA U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)AMULYA MISHRA
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract Data is maintained indicating which conditions match which data items (e.g., rows) of a data set (e.g., table(s) in a database). When a query is later received, the maintained data is quickly examined to determine the matching data items, thereby enhancing the throughput performance in processing queries directed to the data set.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.399/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :08/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM AND METHOD FOR DELIVERY REPORT IN INSTANT MESSAGING

(51) International classification

:H04L

1/00

(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)SAMSUNG ELECTRONICS CO., LTD., INDIA SOFTWARE OPERATIONS (SISO)

Address of Applicant :J.P. TECHNO PARK, 3/1, MILLERS ROAD, BANGALORE 560 052, KARNATAKA, INDIA Karnataka India

(72)Name of Inventor :

1)JAYAWANT PATTAN BASAVARAJ

(57) Abstract :

ABSTRACT This invention in general relates to mobile communication technology and more specifically to Instant Messaging service. The first part of the invention relates to the domain of Instant Messaging over SIP/SIMPLE technology. This invention explains a method for the delivery report function in SIP/SIMPLE system for instant messages delivered via SIP MESSAGE comprising the User indicating interest for receiving delivery report via SIP PUBLISH. This invention also explains a method for the delivery report function where the delivery report information is exchanged across IMPS and SIMPLE system comprising an IMPS User requesting delivery report of a SIP/SIMPLE User.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.399/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :07/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DOOR DRIVE WITH BELT-LIKE DRIVE MEANS AND LIFT INSTALLATION WITH SUCH A DOOR DRIVE

(51) International classification

:E05F 7/00

(31) Priority Document No

:05101836.4

(32) Priority Date

:09/03/2005

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :SEESTRASSE 55, CH-6052 HERGISWIL,

SWITZERLAND Switzerland

(72)Name of Inventor :

1)SILBERHORN, GERT,

2)KEISER, DANIEL

3)BAUMGARTNER, URS

(57) Abstract :

Door drive 10 with a drive unit 12 and a belt-like drive means 11 for moving at least one door leaf (14, 1, 14.2). At least one electrically conductive element 15.1 to 15.n), which extends along a longitudinal direction of the drive means 11 for transmission of signals or energy is provided in the drive means 11. First contact means 16 are provided in the region of the drive means 11. The drive means 11 can have a longitudinal groove enabling access of the first contact means 16 are so constructed and arranged with respect to the drive means 11 that when the drive means 11 is moving this runs past the first contact means 16 and the first contact means 16 produces a permanent contact with the at least one electrically conductive elements

(12) PATENT APPLICATION PUBLICATION

(21) Application No.401/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :08/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : FREE FALL SENSOR

(51) International classification	:G01M 1/00	(71) Name of Applicant : 1)UBUKATA INDUSTRIES CO., LTD.
(31) Priority Document No	:2004- 117806	Address of Applicant :4-30, HOSHO-CHO, MINAMI-KU, NAGOYA, AICHI 457-0828, JAPAN Japan
(32) Priority Date	:13/04/2004	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)TAKEDA, TERUYUKI
(86) International Application No	:NA	2)BIAO, SUN
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT FREE FALL SENSOR A free fall sensor includes an electrically conductive container (2), an electrically conductive pin (4) having an end inserted into the container (2), and a movable electrode (5) enclosed in the container (2), the movable electrode (5) including a coil spring (9) cantilevered on the end of the conductive pin (4) and a weight (10) disposed in an inner space of the coil spring (9) so as to be movable and so as to be prevented from falling off.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.403/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :11/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : SOLID DOSAGE FORM OF AN ANTIDIABETIC DRUG

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:NA	1)AUROBINDO PHARMA LIMITED
(32) Priority Date	:NA	Address of Applicant :AUROBINDO PHARMA LIMITED PLOT NO.2,
(33) Name of priority country	:NA	MAITRIVIHAR COMPLEX, AMEERPET, HYDERABAD-500 038(A.P)
(86) International Application No	:NA	INDIA Andhra Pradesh India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:	1)KAMALA VENKATA RAMA RAO
	NA	2)SHAIK SRINIVASA RAO
(61) Patent of Addition to Application Number	:NA	3)ASHISH GOGIA
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to solid dosage forms of glyburide having the particle size distribution such that 30% of the particles are less than 3 μ m, 50% of the particles are less than 5 μ m and at least 90% of the particles are less than 30 μ m. The present invention also relates to solid dosage forms of antidiabetic drug glyburide with specific particle size in combination with Metformin HC1.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.406/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :11/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : AUTOMATIC RAT TRAP

(51) International classification	:A01M23/02	(71)Name of Applicant :
(31) Priority Document No	:NA	1)V.V. CHANDRAN
(32) Priority Date	:NA	Address of Applicant :VENNIKKAL HOUSE KANIMANGALAM PIN-
(33) Name of priority country	:NA	680 027 THRISSUR DISTRICT KERALA STATE, INDIA Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)V.V. CHANDRAN
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT An Automatic Rat Trap using available accessories. The machine consist mainly three parts, they are , 1. Trap ,2. Robot, and 3. Bucket. One side of the robot is connected with a trap, the other side is connected with a bucket. When the rat touched the food stuff, this movement unlocks the hammer and falls heavily on the neck region of the rat. As soon as the hammer falls on the rat the switch of the robot automatically becomes ON and the robot lifts the trap by two hands and moves towards the bucket. When this trap is just above the bucket the hammer opens and dead rats falls into the bucket. After dumping the dead rat in to the bucket, the hammer of the traps locks again in the hammer lock automatically and it moves towards the same position as before. After trapping the rat it takes only 40 seconds for the trap to dump the dead rat and get back to the same place. The switch of the robot automatically becomes OFF when the trap is place at the same position. Now the trap is again ready to trap other rats. When the rat touches the food hook the hammer falls on the rat and the switch of the robot becomes ON and the above process repeats again

(54) Title of the invention : DOMESTIC RAT TRAP

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:NA	1)V.V. CHANDRAN
(32) Priority Date	:NA	Address of Applicant :VENNIKKAL HOUSE KANIMANGALAM, PIN
(33) Name of priority country	:NA	680 027 THRISSUR DISTRICT KERALA, INDIA Kerala India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)V.V. CHANDRAN
(87) International Publication No	:	
	NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The present invention relates to a Domestic rat trap using available accessories. The machine in general has 7 parts:- 1. Food hook , 2. Hammer lock ,3. Trigger, 4. Hammer, 5. Spring ,6. Body of the trap (Bottom) and 7.. Body of the trap (Top). Place the food stuff on food hook of the trap by pressing gently . The tip of the food hook should be touched with the plastic base below the hook, the check hammer lock is inclined to the front of the trap. There is a trigger at the bottom of the back side of the trap. Press this trigger if the hammer lock lies upward, then the hammer lock will come towards the front side. Now hold the trap at the back by the left hand. Then place the forefinger of the right hand in the hook of the hammer and lift it . Now withdraw the forefinger by supporting the hammer at the bottom by the other fingers of the right hand . Then lift the hammer and place it on the hammer lock at the top of the trap. This hammer lock works like the door lock mechanism of motor vehicles- So just press the hammer lock with the hammer to lock it. Now the trap is ready to use. Hold the trap at the back and can place where the rat are frequenting. When the rat touches the food stuffs at food hook, the friction unlocks the hammer from hammer lock and false heavily on the neck of the rat and kills them at ones by breaking the spinal chord. As the hammer has no sharp pointed portions , the hammer does not make any wounds on the rats to produce blood . The hammer is specially designed to fall on the neck on the rat, when they touch the food stuff . Wash the trap gently after removing the dead rat and can use again to trap as many rat as you prefer, at any time. This 400 gm weighing device can easily trap and kill the rat of any size.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.408/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :11/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : RAINWATER FILTER, POPUP FILTER

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A.R. SHIVAKUMAR
(32) Priority Date	:NA	Address of Applicant :#44, SAURABHA 3RD MAIN,
(33) Name of priority country	:NA	BASAVESHWARA LAYOUT, VIJAYANAGAR, BANGALORE 560 040
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:	1)A.R. SHIVAKUMAR
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

PopUp Filter for filtering rainwater Abstract *• Rainwater collected on the roof is very pure and clean. However, there are many substances, which get mixed with this pure water on the roof (leaves, bird droppings, dust etc.). These impurities need to be filtered before the rainwater is stored. wPopUp Filter" is a simple device, which is very effective and user friendly to filter rainwater from the roof. An important feature in filtering rainwater is the separation of the first flush of rainwater from the relatively cleaner and purer subsequent rain. First flush arrangement and the safety arrangement to release the water in the event of clogging of the filter are incorporated in the designing of the PopUp filter filter.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.409/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :11/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : WATER PURIFICATION BY USING SILVER METAL

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:NA	1)A.R. SHIVAKUMAR
(32) Priority Date	:NA	Address of Applicant :#44, SAURABHA 3RD MAIN,
(33) Name of priority country	:NA	BASAVESHWARA LAYOUT, VIJAYANAGAR, BANGALORE 560 040
(86) International Application No	:NA	Karnataka India
Filing Date	:NA	(72)Name of Inventor :
	:	1)A.R. SHIVAKUMAR
(87) International Publication No	NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Water purification using Silver Metal Abstract This invention describes a new method of domestic and individual drinking water treatment using silver metal. A simple and cost effective method for both rural and urban drinking water requirement. This method does not have any maintenance cost and has no side effects on the health of the user.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.411/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :27/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : TASTE MASKED COMPOSITIONS OF ANTIBIOTICS

(51) International classification

:A61K
31/00

(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)AUROBINDO PHARMA LIMITED

Address of Applicant :AUROBINDO PHARMA LIMITED PLOT NO.2,
MAITRIVIHAR COMPLEX, AMEERPET, HYDERABAD-500 038 Andhra
Pradesh India

(72)Name of Inventor :

1)KRISHNAN SARAVANAN

2)VINOD JOSEPH

3)VIJENDER GUPTA

4)ASHISH GOGIA

5)MEENAKSHISUNDERAM SIVAKUMARAN

(57) Abstract :

Abstract The present invention relates to taste masked compositions of antibiotics. More particularly, the present invention relates to taste masked compositions comprising cefluroxime axetil in particulate form, the particles being provided with non-integral coating of a hydrophobic excipient. The present invention also relates to a process for the preparation of taste masked compositions comprising cefluroxime axetil and hydrophobic excipient.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.414/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :12/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : CATALYST COMPRISING A 10MR ZEOLITE AND A 12MR ZEOLITE, AND ITS USE IN TRANSALKYLATION OF ALKYLAROMATIC HYDROCARBONS

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:04/03,887	1)INSTITUT FRANCAIS DU PETROLE
(32) Priority Date	:14/04/2004	Address of Applicant :1&4 AVENUE DE BOIS-PREAU, 92852 RUEIL
(33) Name of priority country	:France	MALMAISON CEDEX, FRANCE France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SERRA JOSE, MANUEL
(87) International Publication No	: NA	2)CORMA, AVELINO
(61) Patent of Addition to Application Number	:NA	3)GUILLON, EMMANUELLE
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

PATENT INSTITUT FRANCAIS DU PETROLE CATALYST COMPRISING A 10MR ZEOLITE AND A 12MR ZEOLITE, AND ITS USE IN TRANSALKYLATION OF ALKYLAROMATIC HYDROCARBONS Jose Manuel Serra Alfaro, Avelino Corma and Emmanuelle Guillon ABSTRACT A catalyst is described which comprises at least one zeolite with channels with openings defined by a ring having 10 oxygen atoms (10 MR), at least one zeolite with at least channels or side pockets with openings defined by a ring having 12 oxygen atoms (12 MR), at least one metal selected from the group constituted by group IIIA and VIIB metals and at least one porous mineral matrix. Said catalyst optionally also contains at least one metal selected from the group constituted by group IVA and VIB metals. The catalyst of the invention is used in a process for the transalkylation of alkylaromatic hydrocarbons such as toluene or benzene and alkylaromatics containing at least 9 carbon atoms.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.415/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :12/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : A SYSTEM FOR SIMULTANEOUS SUPPLY OF PRECOOLED AND UNCOOLED PURIFIED DRINKING WATER

(51) International classification

:E03B
3/00

(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)AQUAMALL WATER SOLUTIONS LIMITED

Address of Applicant :7-2-1851/1 FATEHBAGH, SANATHNAGAR,
HYDERABAD 500 018, INDIA Andhra Pradesh India

(72)Name of Inventor :

1)GEORGE CHACKALAYIL CHERIA

(57) Abstract :

ABSTRACT This invention relates to a system for supplying prechilled or unchilled pure drinking water on demand. It consists of a filtration module and a water treatment module sequentially connected. The outlet of the end module is connected to two separate UV disinfecting modules. The first UV disinfecting module is connected through a refrigerated storage tank and the second is connected directly. Both the first and second UV modules are provided with separate solenoid valves to control the flow of water. Both the UV modules are provided with faucets to draw water therefrom. This invention avoids bacterial and other contamination as a result of storage of water and supplies UV treated pure cold or unchilled water to the consumer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.416/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :12/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : A COMPACT ON - LINE WATER FILTER CUM PURIFIER ASSEMBLY

(51) International classification

:E03B
3/00

(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)AQUAMALL WATER SOLUTIONS LIMITED

Address of Applicant :7-2-1851/1 FATEHBAGH, SANATHNAGAR,
HYDERABAD 500 018, INDIA Andhra Pradesh India

(72)Name of Inventor :

1)NARASANDRA DIWAKARAI AH VISHWANATH

(57) Abstract :

ABSTRACT This invention relates to a compact water filter cum purifier assembly. It has a housing provided with a water inlet. A concentrically disposed unit consisting of an outer sedimentation filtration module, a middle carbon adsorption module and a central UV disinfection chamber is mounted within the housing. A water outlet is located within the UV chamber and extends outwardly. A printed circuit board photoconductive cell and a solenoid valve supply power to the unit, as well as activates and deactivates it. The photoconductive cell monitor and ensure the right dosage of UV to the water.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.417/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :12/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR MANUFACTURE OF SHAPED BODIES OF EXPANDED GRAPHITE

(51) International classification	:C04B 35/00	(71) Name of Applicant :
(31) Priority Document No	:04 009 091.2	1)SGL CARBON AG
(32) Priority Date	:16/04/2004	Address of Applicant :RHEINGAUSTRASSE 182, D-65203
(33) Name of priority country	:EUROPEAN UNION	WIESBADEN, GERMANY Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)GUCKERT, WERNER
(87) International Publication No	: NA	2)KEINBERGER, WOLFGANG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract The present invention relates to a process for the preparation of mouldings comprising compressed expanded graphite, to the mouldings prepared by this process and to the use thereof. The three-dimensional mouldings comprising compressed graphite expandate are prepared by bonding together two-dimensional pre-formed pieces comprising pre-compressed expanded graphite under the influence of pressure to give single-piece mouldings.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.418/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :12/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL PROCESS FOR THE PREPARATION OF 4-FORMYL BENZOFURAZAN AND 4-FORMYLBENZOFUROXAN

(51) International classification	:IPC7 C07D 307/91	(71) Name of Applicant : 1)SANMAR SPECIALTY CHEMICALS LTD Address of Applicant :9 CATHEDRAL ROAD, CHENNAI-600 086, INDIA Tamil Nadu India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SUBRAMANIAN RAJARAM SANKARA
(33) Name of priority country	:NA	2)HEMANT VASANT JOSHI
(86) International Application No	:NA	3)RAMASUBRAMANIAM SHANMUGANATHAN
Filing Date	:NA	4)SATYANARAYANAN NATARAJAN
(87) International Publication No	: NA	5)SANKAR, ARJUNAN
(61) Patent of Addition to Application Number	:NA	6)SASHI KUMAR
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT An improved cost effective scalable process for the preparation of 4-formyl benzofurazan starting from 4-methylbenzofurazan in which novel 4-dibromo benzofuran is obtained as an intermediate. According to the process of the present invention, 4-methylbenzofurazan is subjected to bromination reaction to obtain the novel 4-dibromo benzofuran which is subsequently hydrolysed to obtain 4-formyl benzofurazan. The 4-formyl benzofurazan is the key intermediate for the production of isradipine which is used in the treatment of hypertension and angina.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.420/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :13/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : GYM CYCLE COM WET GRINDER

(51) International classification

:

(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)R. SRINIVASA RAO

Address of Applicant :R. SRINIVASA RAO, QTR NO. 4184, ITC LTD,
PSPD STAFF COLONY, SARAPAKA-507128, BHADRACHALAM,
KHAMMAM DIST(A.P) Andhra Pradesh India

(72)Name of Inventor :

1)R. SRINIVASA RAO

(57) Abstract :

ABSTRACT The Device ,Gym Cycle cum Wet Grinder is a multi purpose Mechanical Household item, Which is useful to do Physical exercise and can make the wet grinding of Rice, Pulses, Chutneys, Kurma masala etc. Wet Grinding of dhal paste very much suitable for Idly, Vada & Dosa. Brief description of the drawing ; Drawing sheet 1 of 2 photograph shows the example of Gym cycle cum Wet grinder. Drawing sheet 2 of 2 photo graph shows the stages at starting, after 2 minutes, after 5 minutes, after 10 minutes and after 15 minutes of wet grinding while doing exercise for 15 minutes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.424/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :13/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUEL DISPENSER - WITH INBUILED DOT MATRIX PRINTER OR THERMAL PRINTER

(51) International classification	:IPC7 B41J 3/00	(71)Name of Applicant : 1)LARSEN & TOUBRO LIMITED Address of Applicant :MYSORE WORKS, KIADB INDUSTRIAL AREA, HEBBAL-HOOTAGALLI, MYSORE-570 018, KARNATAKA Karnataka 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)M. SRINIVAS PRASAD
Filing Date	:NA	2)OJAS K. GANDHI
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT In an embodiment a fuel dispensing unit coupled to one or more dispensing controller associated with a memory. Information such as, for example, fuel dispensing transaction information is transferred to the memory by the dispensing controller. The dispensing controller also controls the operation of the fuel dispensing unit. A dot matrix printer or a thermal printer is connected to the fuel dispensing unit. To, The Controller of Patents, The Patent office, At Chennai.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.425/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :13/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : ENHANCED VOICE PLAYBACK AND RECORD SYSTEM WITH INFRARED REMOTE CONTROL INTERFACE FOR FUEL DISPENSERS

(51) International classification

:

(71)Name of Applicant :

(31) Priority Document No

:NA

1)LARSEN & TOUBRO LIMITED

(32) Priority Date

:NA

Address of Applicant :MYSORE WORKS, KIADB INDUSTRIAL

(33) Name of priority country

:NA

AREA, HEBBAL-HOOTAGALLI, MYSORE-570 018, KARNATAKA

(86) International Application No

:NA

Karnataka India

Filing Date

:NA

(72)Name of Inventor :

(87) International Publication No

:

1)M. SRINIVAS PRASAD

(61) Patent of Addition to Application Number

:NA

2)V.YOGARAJ

Filing Date

:NA

3)N. JAYARAMAN

(62) Divisional to Application Number

:NA

4)ARUN.N. BABANNAVAR

Filing Date

:NA

(57) Abstract :

ABSTRACT In an embodiment, a fuel dispensing system comprises an infrared sensor coupled to a fuel dispensing unit, a processor remotely coupled in communication with the infrared sensor and a speaker module coupled to the processor, wherein a voice message is output by the speaker module in response to the output of the infrared sensor. To, The Controller of Patents, The Patent office, At Chennai.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.426/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :13/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : 2-LEVEL VEHICLE PARKING APPARATUS

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:NA	1)KUMARESH B.V.
(32) Priority Date	:NA	Address of Applicant :#59 NIROOP NIVAS 6TH CROSS, VITTAL
(33) Name of priority country	:NA	NAGAR,HOUSING SOCIETY, BEHIND ISRO LAYOUT, BANGALORE
(86) International Application No	:NA	560 078 Karnataka India
Filing Date	:NA	(72)Name of Inventor :
(87) International Publication No	:	1)KUMARESH B.V.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Abstract An Apparatus for storing vehicles one above the other is disclosed herewith. The apparatus includes 1) an upper pallet (2) also capable of moving horizontally to facilitate parking and retrieving of vehicles when lowered, 2.) a pallet support unit (3), 3) Vertical columns (1) mounted one each at the front end and rear end, such that the pallets are fully enclosed between the vertical columns and permitting no interference between pallets and vertical columns, 4) a lifting mechanism comprising of a chain (15) of which one end is free and passes through a chain collection box and the other end connected to the pallet through a pin(5A) after passing over idler sprockets mounted on the vertical columns, where in the lifting force is provided by the driving sprocket which is coupled to a motor through a gearbox, 5) Independent drive system for the upper and lower pallets, 6) A pair of sensors to sense the position of the upper pallet.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.429/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :13/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : A SINGLE STATION THERMO-FORMING MACHINE

(51) International classification

:

(71)Name of Applicant :

(31) Priority Document No

:NA

1)LA SORDA, FRANCO

(32) Priority Date

:NA

Address of Applicant :VIA GARIGLIANO 19, I-65100 PESCARA,

(33) Name of priority country

:NA

ITALY Italy

(86) International Application No

:NA

(72)Name of Inventor :

Filing Date

:NA

1)LA SORDA, FRANCO

(87) International Publication No

:NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(57) Abstract :

ABSTRACT A thermo-forming machine is described for forming three-dimensional work pieces, having extensive relatively thin surfaces of uniform thickness, from flat sheets of a thermoplastic material. The machine includes one or two moulds (31, 131) movable vertically between a passive lowered position and a raised forming position, a lower, pressurizable sealed chamber (14) closed at the top by a horizontal reduction plate (12) having a first and a second aperture (12a, 12b) , spaced horizontally and of a size enabling a mould (31, 131) to pass through them. First and second counter-frames (29, 30) each hold a sheet to be formed around the apertures (12a, 12b) of the reduction plate (12). Three heating panels (16, 17, 22) are provided, aligned vertically, spaced from each other and movable horizontally between a first position aligned vertically with the first aperture (12a) and a second position aligned vertically with the second aperture (12b). The upper heating panel (16) and the intermediate heating panel (17) are positioned above the reduction plate (12) for preheating opposite surfaces of a flat sheet supported between these two panels (16, 17). The lower heating panel (22) is positioned beneath the reduction plate (12) for simultaneously heating from beneath another sheet held around one of the apertures (12a, 12b) and heated from above by the intermediate panel (17) . (Figure 1)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.430/CHE/2005 A

(19) INDIA

(22) Date of filing of Application :15/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : COIR BASED SCRUB PAD

(51) International classification	:	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DIGHE, NILIMA ANUP
(32) Priority Date	:NA	Address of Applicant :502, EMERALD HOUSE, SAROJINI DEVI
(33) Name of priority country	:NA	ROAD, SECUNDERABADS 500 003, AP, INDIA Andhra Pradesh India
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DIGHE, NILIMA ANUP
(87) International Publication No	:	
	NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

DIGHE, NILIMA ANUP ABSTRACT A coir based scrub pad useful for household and industrial cleaning is disclosed. Figure 1 shows a coir based scrub pad, which is in the form of twisted coir fibre rope (1) curled tightly into a circular flat scrub pad that is sewed all along (2) to hold it together, and to give it the required structure. The open ends (3) of the coir fibre rope are sewed and secured to the body of the pad. The dimensions of the scrub pad will vary as per specific cleaning requirements. This scrub pad is useful as an effective cleaning solution that is environmentally friendly.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.463/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :03/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTILAYER COATED CORROSION RESISTANT ARTICLES AND METHOD OF PRODUCTION THEREOF

(51) International classification :F16L 58/10

(31) Priority Document No :10/636,904

(32) Priority Date :06/08/2003

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

(86) International Application No :PCT/USO4/25555

Filing Date :05/08/2004

(87) International Publication No :WO 2005/014279

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)ELISHA HOLDING LLC

Address of Applicant :2000 US Hwy 63 South, Moberly, MO 65270

U.S.A.

(72)Name of Inventor :

1)KLOS KLAUS-PETER

2)GROLMES, Holger, Manfred;

(57) Abstract :

The disclosure relates to a corrosion resistant article comprising a metal body 1 and a protective coating applied on at least one surface of said metal body 1, said protective coating comprising: (a) a zinc layer 3 comprising metallic zinc; (b) a silicate layer 4 comprising at least one silicate; and (e) a synthetic resin layer 6 comprising at least one fluoroplastic material such as, for example, polyvinylfluoride. In particular, the disclosure relates to a corrosion resistant brake pipe or fuel pipe having a protective coating for use in motor vehicles. The protective coating is substantially free of chromates and phosphates and, hence, environmentally acceptable

(54) Title of the invention : HAIRPIN-LABELED PROBES AND METHODS OF USE

(51) International classification	:C07H 21/04	(71)Name of Applicant :
(31) Priority Document No	:60/485,471	1)ONE CELL SYSTEMS, INC.
(32) Priority Date	:07/07/2003	Address of Applicant :100 Inman Street, Cambridge, MA 02139 (US)
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US04/21582	(72)Name of Inventor :
Filing Date	:07/07/2004	1)MOEN, PHILIP, T
(87) International Publication No	:WO/2005/007815	2)TRNOVSKY, Jan
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention provides nucleic acid hybridization probes having a target-binding region and a labeled hairpin structure at at least one end of the probe. The hairpin-labeled probes include oligonucleotides, dendrimers, and primer-extended nucleic acids. The probes can be used in disclosed methods for detection of target nucleic acids. In addition, the oligonucleotide probes can be used in disclosed methods for primer-extension, including, e.g., random priming and PCR amplification, to produce the primer-extended hairpin-labeled probes. Also disclosed are kits comprising the hairpin-labeled oligonucleotide and dendrimer probes. Further, the present invention provides biomolecules (e.g., peptides, polypeptides, carbohydrates, lipids, and the like) that are labeled via linkage to labeled hairpin structures.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.493/MAS/2002 A

(19) INDIA

(22) Date of filing of Application :28/06/2002

(43) Publication Date : 08/06/2007

(54) Title of the invention : A PROCESS FOR THE PREPERATION OF AN ANORPHOUS FORM OF ESOMEPRAZOLE

(51) International classification

:A 61 K
31/4439

(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. REDDY LABORATORIES LIMITED

Address of Applicant :DR. REDDY LABORATORIES LIMITED 7-1-27,
AMEERPET ERRAGADDA,HYDERABAD - 500 072 Andhra Pradesh India

(72)Name of Inventor :

1)DR. REDDY LABORATORIES LIMITED

(57) Abstract :

A Process for the preparation of an amorphous form of esomeprazole, which comprises i) Spreading esomeprazole sodium in ketone solvents such as acetone, ethylmethyl ketone, methyl isobutyl ketone or diethyl ketone, preferably acetone. ii) Adding diethyl d-tartrate, titanium(iv) isopropoxide and an organic base to the reaction mixture of step (i) iii) Adding l(+)-mandelic acid to the reaction solution of step (iii) accompanied by stirring the mass for 15 minutes to 5 hours at a temperature of 25°C to reflux temperature of solvent preferably at a temperature of 35-40°C iv) filtering the separated solid of step (iii) to get the titanium complex of mandelic acid salt (v) suspending the titanium complex of mandelic acid salt obtained in step (iv) in a mixture of 5% sodium bicarbonate solution and a chlorinated solvent such as chloroform, dichloromethane, dichloroethane or carbon tetrachloride preferably dichloromethane (vi) Distilling the solvent from the reaction solution of step (v) and accompanied by optional chiral purification in a solvent such as acetone ethylacetate or acetonitrile to get the residual mass of esomeprazole (vii) Recrystallisation of residual mass obtained in step (vi) in a mixture of water and acetone to afford the amorphous form of esomeprazole.

(54) Title of the invention : AN IMPROVED PROCESS FOR THE PREPARING OF CEPHALOSPORIN PRODRUG

(51) International classification

:C 07

D

501/02

(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)Orchid chemicals & pharmaceuticals Ltd

Address of Applicant :orchid towers, 152, village road, nungambakkam.

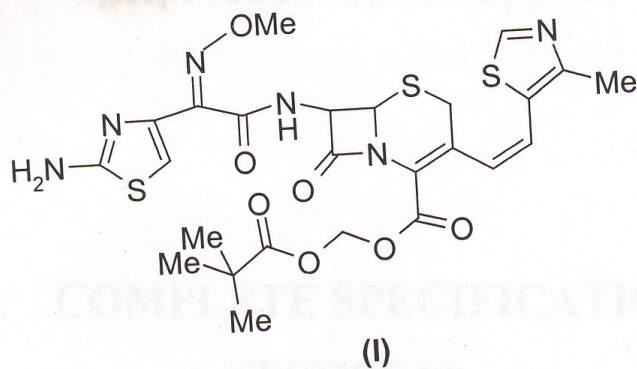
Tamil Nadu India

(72)Name of Inventor :

1)pandurang Balwant Deshpande

(57) Abstract :

The present invention relates to an process for the preparation of cefditoren pivoxil of the formula



(12) PATENT APPLICATION PUBLICATION

(21) Application No.514/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :03/06/2004

(43) Publication Date : 08/06/2007

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

(51) International classification	:C7D 501/46	(71)Name of Applicant : 1)AUROBINDO PHARMA LIMITED Address of Applicant :PLOT NO.2,MAITRIVIHAR COMPLEX(REGD.OFFICE),AMEERPET,HYDERABAD-500 038 Andhra Pradesh India
(31) Priority Document No	:NA	(72)Name of Inventor :
(32) Priority Date	:NA	1)VIJAY KUMAR HANDA
(33) Name of priority country	:NA	2)BOJU SREENIVASULU
(86) International Application No	:NA	3)VENKATA VARA PRASADA RAO KORRAPATI
Filing Date	:NA	4)MEENAKSHISUNDERAM SIVAKUMARAN
(87) International Publication No	: NA	5)BOJU SREENIVASULU
(61) Patent of Addition to Application Number	:NA	6)VENKATAA VARA PRASADA RAO KORRAPATI
Filing Date	:NA	7)MEENAKSHISUNDERAM SIVAKUMARAN
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The present invention relates to a simple and efficient process for the preparation of highly pure Cefepime of Formula I which involves the acylation of amine compound of Formula n or its salts in aqueous acetone, with 2-mercaptobenzothiazolyl ester of Formula III in the presence of a base.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.522/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :01/04/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF COLOURING POROUS MATERIAL

(51) International classification

:A61K 7/13

(31) Priority Document No

:02405753.1

(32) Priority Date

:02/09/2002

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2003/009416

Filing Date

:26/08/2003

(87) International Publication No

: WO/2004/019896

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)CIBA SPECIALTY CHEMICALS HOLDING INC.

Address of Applicant :Klybeckstrasse 141, CH-4057 Basel (CH)

Switzerland

(72)Name of Inventor :

1)ADAM, JEAN-MARIE

2)YOUSAF, Taher

3)FRÖHLING, Beate

4)ELIU, Victor, Paul

(57) Abstract :

A method of colouring porous material, especially human hair, is described, which method comprises applying to the material being coloured, in any desired order successively, or simultaneously, a) at least one capped diazonium compound of Formula (1) and/or at least one compound of Formula (2) and/or at least one compound of Formula (3)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.53/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :04/01/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FREE-FLOWING SULFUR TRANSPORT, STORAGE AND USE TO PRODUCE ENERGY, FERTILIZER OR HYDROGEN WITHOUT CARBON DIOXIDE

(51) International classification	:G21F	(71) Name of Applicant :
(31) Priority Document No	:10/734/741	1)STECHER PROPRIETARY INTERESTS, L.L.C.
(32) Priority Date	:11/12/2003	Address of Applicant :4802 17th St. Ct. NW, Gig Harbor, Washington
(33) Name of priority country	:U.S.A.	98335 (US) U.S.A.
(86) International Application No	:PCT/US2004/017644	(72) Name of Inventor :
Filing Date	:03/06/2004	1)STECHER, Daniel G.
(87) International Publication No	:WO/2004/109714	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Elemental sulfur is combined with either liquid anhydrous ammonia, liquid sulfur dioxide, or both to form a solution or slurry which is transportable through pipelines or other transport vessels without a risk of clogging due to the environmental temperature drops that these vessels typically encounter. This unusual behavior and the advantages it offers arise from the discovery of unexpected solubility vs. temperature relationships of elemental sulfur in each of these two carriers. Among the advantages are significant improvements in the economics of many industrial chemical processes that involve the presence of sulfur either in elemental or chemically combined form, including natural gas or tar sands production and processing, hydrogen sulfide abatement, hydrogen production without carbon dioxide emissions, and sulfur extraction from ores, subterranean deposits, depositories, or fouled impaired industrial facilities. Large-scale ramifications for energy and fertilizer mineral resource utilization, greenhouse gas abatement, hydrogen economy, and nitrogen fertilizer production are taught.

(54) Title of the invention : 3H-PHENOXAZINE DERIVATIVES SUITABLE AS NEAR-INFRARED IMAGING AGENTS, PREPARATION AND USE THEREOF

(51) International classification	:C07D 498/22, 513/22	(71)Name of Applicant : 1)NOVARTIS AG Address of Applicant :Lichtstrasse 35, CH-4056 Basel. SWITZERLAND Switzerland
(31) Priority Document No	:60/495,921	(72)Name of Inventor :
(32) Priority Date	:18/08/2003	1)AUBERSON, Yves
(33) Name of priority country	:U.S.A.	2)GREMLICH, Hans-Ulrich
(86) International Application No	:PCT/EP04/09225	3)HINTERSTEINER, Martin
Filing Date	:17/08/2004	4)KINZY, Willy
(87) International Publication No	:WO 2005/016934	5)KNEUER, Rainer
(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 compounds of formula (I) wherein X and Y represent CH, CH₂ or a divalent or trivalent heteroatom under the proviso that X and Y are not simultaneously CH or CH₂; in and o represent independently of each other 0 or 1, with the proviso that if in is 0 then the dotted line between Y and the neighboring C atom represents a bond and Y is CH or a trivalent heteroatom, if in is 1 then the dotted line between Y and the neighboring C atom is absent and Y is CH₂ or a divalent heteroatom, if o is 0 then the dotted line between X and the neighboring C atom represents a bond and X is CH or a trivalent heteroatom, if o is 1 then the dotted line between X and the neighboring C atom is absent and X is CH₂ or a divalent heteroatom; A represents (CH₃CR₄)_p and Q represents (CR₉R₁₀)_n; n and p represent independently of each other 0 or 1; R₆, R₇, R₁₃ and R₁₄ denote independently of each other hydrogen, halogen, (C₁₋₄)alkyl, (C₁₋₄)alkylSO₂, SO₃H, carboxy, (C₁₋₄)alkoxy carbonyl, (C₁₋₄)alkoxy, OH or NR₁₅R₁₆; R₁, R₂, R₃, R₄, R₉, R₁₀, R₁₁ and R₁₂ denote independently of each other hydrogen, (C₁₋₄)alkyl, carboxy, (C₁₋₄)alkoxy carbonyl or (C₁₋₄)alkoxy, or, when X is CH or CH₂ then R₁ and R₂ can also be OH or NR₁₅R₁₆, or when Y is CH or CH₂ then R₁₁, R₁₂ can also be OH or NR₁₅R₁₆; R₅, R₈, R₁₅ and R₁₆ are independently of each other hydrogen, (C₁₋₄)alkyl, (C₁₋₄)alkoxy, R₁₇-C(O) (C₁₋₄)alkyl or (reactive group)-(C₁₋₄)alkyl; and R₇ represents hydrogen or (C₁₄)alkyl; compositions comprising such compounds, a process for the production of such compounds of formula (I), a method of labeling target structures, especially plaques, in the brain, a method for identifying Alzheimer's disease, use of a compound of formula I as a near-infrared imaging agent and a conjugate comprising a compound of formula (I) covalently linked to a biomolecule through a reactive group.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.59/MAS/1996 A

(19) INDIA

(22) Date of filing of Application :12/01/1996

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR THE FORMATTING OF DATA FOR TRANSMISSION

(51) International classification :H03M 13/23 (31) Priority Document No :08/374,444 (32) Priority Date :17/01/1995 (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)QUALCOMM INCORPORATED Address of Applicant :6455 LUSK BOULEVARD,SAN DIEGO,CA-92121 U.S.A. (72)Name of Inventor : 1)ROBERTO PADOVANI 2)EDWARD G TIEDEMANN,JR 3)JOSEPH P ODENNWALDER 4)EPHRAIM ZEHAVI 5)CHARLES E WHEATLEY

(57) Abstract :

A method and apparatus for arranging various types of data, and at various rates, into a uniquely structured format for transmission. Data for transmission formatting may be vocoder data or different types of non- vocoder data. The data organized into frames of a predetermined time duration for transmission. The data frames are organized, depending on the data, to be at one of several data rates. Vocoder data is provided at one of several data rates and is organized in the frame according to a predetermined format. Frames may be formatted with a sharing of vocoder data with non-vocoder data to be at a highest frame data rate. Different types of non-vocoder data may be organized so as to also be at the highest frame data rate. Additional control data may be provided within the data frames to support various aspects of the transmission and recovery upon reception.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.621/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :21/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITIONS FOR PURIFYING AND CRYSTALLIZING MOLECULES OF INTEREST

(51) International classification

: C12N

(31) Priority Document No

:157086

(32) Priority Date

:24/07/2003

(33) Name of priority country

:Israel

(86) International Application No

:PCT/IL04/00669

Filing Date

:22/07/2004

(87) International Publication No

:WO
2005/010141 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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(72)Name of Inventor :

1)PATCHORNIK, GUY

(57) Abstract :

ABSTRACT A composition of matter is provided. The composition includes at least one ligand capable of binding a target molecule or cell of interest, the at least one ligand being attached to at least one coordinating moiety selected capable of directing the composition of matter to form a non-covalent complex when co-incubated with a coordinator ion or molecule. Also provided are methods of using such compositions for target purification, crystallization and immunization.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.640/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUBSTITUTED FUROCHROMENES, PREPARATION THEREOF AND THEIR ANTIINFLAMMATORY ACTION

(51) International classification	:C07D 493/04
(31) Priority Document No	:P20030604A
(32) Priority Date	:25/07/2003
(33) Name of priority country	:Croatia
(86) International Application No	:PCT/HR2004/000021
Filing Date	:22/07/2004
(87) International Publication No	:WO 2005/010007
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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3)HRVACIC, Boska

4)ELENKOV, Ivaylo Jivkov [

5)MALNAR, Ivica

6) MARKOVIC, Stribor

7)SIMICIC, Lidija

8)CEMPUH KLONKAY, Andreja

9)FILIPOVIC, Anita

(57) Abstract :

The invention relates to novel compounds of the formula (I) including all their tautomers, to pharmaceutically acceptable salts and solvates thereof, to processes and reactive intermediates for the preparation thereof, to processes and reactive intermediates for the preparation of the compounds of the formula (II) including all their stereoisomers and tautomers to the use of the compounds of the formula (II) as suitable precursors for the preparation of the compounds of the formula (I) as well as to use of the compounds of the formula (I) and of the compounds of the formula (II) as therapeutically active agents in the prophylaxis and treatment of asthma and other inflammatory diseases and conditions in humans.

(54) Title of the invention : CASPASE INHIBITORS CONTAINING ISOXAZOLINE RING

(51) International classification :C07D 261/04
(31) Priority Document No :10-2003-0059451
(32) Priority Date :27/08/2003
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2004/002139
Filing Date :27/08/2003
(87) International Publication No :WO 2005/021516
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :**1)LG LIFE SCIENCES LTD.**

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(72)Name of Inventor :

1)CHANG, Hye-Kyung**2)OH, Yeong-Soo****3)PARK, Cheol-Won****4)JANG, Yong-Jin****5)PARK, Tae-Kyo****6)KIM, Sung-Sub****7)KIM, Min-Jung****8)PARK, Mi-Jeong****9)PARK, Jung-Gyu****10)PARK, Hee-Dong****11)MIN, Kyeong-Sik****12)LEE, Tae-Soo****13)LEE, Sang-Kyun****14)KIM, Soo-Hyeon****15)JEONG, Hee-Kyung****16)LEE, Sun-Hwa****17)KIM, Hwa-Dong****18)KIM, Ae-Ri****19)PARK, Ki-Sook****20)SHIN, Hyun-Ik****21)CHOI, Hyeong-Wook****22)LEE, Kyu-Woong****23)LEE, Jae-Hoon****24)HEO, Tae-Ho****25)KIM, Ho-Jun****26)KWON, Tae-Sik**

(57) Abstract :

The present invention relates to an isoxazoline derivative as an inhibitor against various caspases, a process for preparing the same, and a therapeutic composition for preventing inflammation and apoptosis comprising the same.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.644/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 2-SUBSTITUTED PYRIMIDINES

(51) International classification :C07D 239/42
(31) Priority Document No :103 33 857.8
(32) Priority Date :24/07/2003
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2004/007877
Filing Date :15/07/2004
(87) International Publication No :WO 2005/012261
(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)SCHWOGLER, Anja

2)GEWEHR, Markus

3)GRAMMENOS, Wassilios

4)TORMO I BLASCO, Jordi

5)GYPSER, Andreas

6)RHEINHEIMER, Joachim

7)BLETTNER, Carsten

8)SCHAFER, Peter

9)SCHIEWECK, Frank

10)WAGNER, Oliver

11) STIERL, Reinhard

12)SCHERER, Maria

13)STRATHMANN, Siegfried

14)GROTE, Thomas

15)SCHOFEL, Ulrich

16)MULLER, Bernd

(57) Abstract :

The invention relates to 2-substituted pyrimidines of the formula I in which the index n and the substituents R1 to R3 and L are as defined in the description and in which Ra, X and Rbare as defined in the description; and also to processes for preparing these compounds, to pesticidal compositions comprising these compounds and to their use as pesticides.

(54) Title of the invention : 2-SUBSTITUTED PYRIMIDINES

(51) International classification :C07D 239/42
 (31) Priority Document No :103 33 857.8
 (32) Priority Date :24/07/2003
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2004/007258
 Filing Date :03/07/2004
 (87) International Publication No :WO 2005/019187
 (61) 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 AKTIENGESELLSCHAFT

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(72)Name of Inventor :

1)SCHIEWECK, Frank**2)TORMO I BLASCO, Jordi****3)BLETTNER, Carsten****4)GRAMMENOS, Wassilios****5)GROTE, Thomas****6)GYPSER, Andreas****7)RHEINHEIMER, Joachim****8) SCHAFFER, Peter****9)SCHWOGLER, Anja****10)WAGNER, Oliver****11)STRATHMANN, Siegfried****12) STIERL, Reinhard****13)GEWEHR, Markus****14)SCHERER, Maria****15)MULLER, Bernd****16)SCHOFEL, Ulrich**

(57) Abstract :

The invention relates to 2-substituted pyrimidines of formula (I), in which the index n and the substituents R1, R2 and R3 are defined as cited in the description. R4 is defined as follows: R4 corresponds to one of the formulae (II), in which X represents a direct bond, -(C=O)-, -(C=O)-NH-, -(C=O)-O-, -O-, -NRc-, whereby the respective molecule on the left is bonded to the nitrogen atom; Ra represents hydrogen, methyl, benzyl, trifluoromethyl, allyl, propargyl or methoxymethyl; Rb represents hydrogen, C1-C6 alkyl, C2-C6 alkynyl; Rc represents hydrogen, methyl or C1-C4 acyl; and Z represents S or NRb. The aliphatic groups of the radical definitions of Ra, Rb and/or Rc can in turn carry one or two groups Rw, whereby Rw represents halogen, ORx, NHRx, C1-C6 alkyl, C1-C4 alkoxycarbonyl, C1-C4 acylamino, [1,3]dioxolane-C1-C4 alkyl, [1,3]dioxane-C1-C4 alkyl and Rx represents hydrogen, methyl, allyl or propargyl. The invention also relates to a method for producing said compounds, to agents containing said compounds and to the use of the latter as pesticides.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.647/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :22/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF PLANT GROWTH PROMOTION USING AMIDE COMPOUNDS

(51) International classification	:A01N 37/23
(31) Priority Document No	:60/497,717
(32) Priority Date	:26/08/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2004/007872
Filing Date	:15/07/2004
(87) International Publication No	:WO 2005/018324
(61) 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 AKTIENGESELLSCHAFT
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(72)**Name of Inventor :**
1)BUBERL, Jan
2)BROSCIOUS, Steven
3)YPEMA, Hendrik
4)MILLHOUSE, David
5)HELM, John
6)BURKDOLL, Todd

(57) Abstract :

The present invention discloses an optimized interaction method of a user terminal selecting an optimal access mobile communication operation network in a Wireless Local Area Network (WLAN), comprising: after a wireless connection between the WLAN user terminal and a WLAN access network is established, the network or the WLAN user terminal initiating an access authentication procedure, and the WLAN access network sending a user identity request message to the WLAN user terminal; after receiving the user identity request message, the WLAN user terminal determining the network selection information to be currently carried according to a detecting result of whether the WLAN access network is changed or according to the user selection information, and returning a message containing the determined network selection information to the WLAN access network; the network judging whether the network selection information in the received message indicates one of the mobile communication operation networks to which the WLAN is currently connected; if so, sending an access authentication request from the WLAN user terminal to the mobile communication operation network indicated by the network selection information, otherwise, the network sending a notification signaling to the WLAN user terminal, the WLAN user terminal completing subsequent operations according to contents in the notification signaling. With the present invention, when being accessed to a WLAN that is connected to multiple mobile communication operation networks, the user terminal is capable of selecting an optimal mobile communication operation network to access according to the requirements.

(54) Title of the invention : ROLLING DEVICE

(51) International classification	:A61K	(71)Name of Applicant :
(31) Priority Document No	:103 34 727.5	1)SMS DEMAG AG
(32) Priority Date	:30/07/2003	Address of Applicant :EDUARD-SCHLOEMANN-STRASSE 4, 40237
(33) Name of priority country	:Germany	DUSSELDORF, GERMANY Germany
(86) International Application No	:PCT/EP04/08129	(72)Name of Inventor :
Filing Date	:21/07/2004	1)ZIESER, BERND,
(87) International Publication No	:WO	2)WENDT, STEFAN,
	2005/011884 A1	3)LINDNER, FLORIAN,
(61) Patent of Addition to Application Number	:NA	4)KLEIN, ACHIM,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a rolling device (1) comprising two working rollers (2) which are respectively mounted in a roll stand (4) by means of working roller inserts (3). The working roller inserts (3) in the roll stand (4) can be locked and unlocked by means of at least one working roller locking device (5). At least two other rollers (6), especially two support rollers are respectively mounted in the roll stand by means of other inserts (7); the position of at least one of the working rollers (2) and at least one of the other rollers (6) in the roll stand (4) can be adjusted, especially in a vertical direction, in relation to the other working roller (2) or other roller (6) in order to adjust the desired rolling gap. The working rollers (2) are provided with means (8) for axial displacement, enabling the working rollers (2) to be placed in a desired axial position in relation to the roll frame (4) and maintained in said position. The working rollers (2) are actively connected to bending means (9) so that they can be impinged upon by a bending moment. In order to improve the adjustability of the rolling device to achieve a high rise, the axial displacement means (8) are arranged or operate between the roll stand (4) and the working roller locking device (5) and the bending means (9) are disposed or operate between the working roller insert (3) and the other working roller insert (7).

(54) Title of the invention : METHOD AND APPARATUS FOR EXAMINING A SUBSTANCE, PARTICULARLY TISSUE, TO CHARACTERIZE ITS TYPE

(51) International classification	:A61K	(71) Name of Applicant :
(31) Priority Document No	:60/481,130	1)DUNE MEDICAL DEVICES LTD
(32) Priority Date	:24/07/2003	Address of Applicant :20 ALON HATAVOR STREET, INDUSTRY
(33) Name of priority country	:U.S.A.	PARK, 38900 CAESARIA, ISRAEL Israel
(86) International Application No	:PCT/IL04/00641	(72) Name of Inventor :
Filing Date	:15/07/2004	1)HASHIMSHONY, DAN,
(87) International Publication No	:WO	2)COHEN, GIL
	2005/009200 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A method and apparatus for examining a substance volume to characterize its type, particularly useful for examining tissue to characterize it as cancerous or non-cancerous , by: applying a polarizing magnetic field through the examined substance: applying RF pulses locally to the examined substance volume such as to invoke electrical impedance (E1) responses signals corresponding to the electrical impedance of the substance, and magnetic resonance (MR) responses signals corresponding to the MR properties of the substance; detecting the E1 and MR response signals; and utilizing the detected response signals for characterizing the examined substance volume type.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.669/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CALCO-MAGNESIAN AQUEOUS SUSPENSION AND ITS METHOD OF PREPARATION

(51) International classification	:C01F 11/02	(71)Name of Applicant :
(31) Priority Document No	:2003/0426	1)S.A. LHOIST RECHERCHE ET DEVELOPPEMENT
(32) Priority Date	:28/07/2003	Address of Applicant : rue Charles Dubois 28, B-1342 Ottignies-Louvain-
(33) Name of priority country	:Belgium	La-Neuve Belgium
(86) International Application No	:PCT/EP2004/051609	(72)Name of Inventor :
Filing Date	:27/07/2004	1)DIAZ CHAVEZ, Luis Alfredo
(87) International Publication No	:WO 2005/014483	2) SALTER, Timothy L.
(61) Patent of Addition to Application Number	:NA	3)HABIB, Ziad
Filing Date	:NA	4)LANGELIN, Henri-Rene
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Calco-magnesian aqueous suspension having particles of solid matter with, before being put into suspension, a specific surface area, calculated according to the BET method, which is less than or equal to 10 m²/g, and its method of preparation.

(54) Title of the invention : PREPARATION OF MALEIC ANHYDRIDE

(51) International classification	:C70C 15/215
(31) Priority Document No	:103 34 582.5
(32) Priority Date	:28/07/2003
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2004/007371
Filing Date	:06/07/2004
(87) International Publication No	:WO 2005/019148
(61) 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 AKTIENGESELLSCHAFT
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(72)Name of Inventor :
1)DUDA, Mark
2)MACHHAMMER, Otto
3)WECK, Alexander

(57) Abstract :

A process for preparing maleic anhydride by oxidizing n-butane in the gas phase under heterogeneous catalysis with oxygen-containing gases over a vanadium-, phosphorus-and oxygen-containing catalyst in a reactor unit at a temperature in the range from 350 to 500°C, removing the maleic anhydride formed to form a gas stream which comprises unconverted n-butane and water and recycling at least a portion of the unconverted n-butane to the reactor unit, by feeding to the reactor unit an inlet stream having an n-butane concentration of from 0.5 to 1.5% by volume and an oxygen concentration of from 5 to 21% by volume, establishing a pressure at the inlet to the reactor unit of from 0.4 to 2 MPa abs, and converting from 40 to 100% of the n-butane from the inlet stream per reactor pass.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.674/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :23/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : ANGIOTENSIN II RECEPTOR BLOCKER DERIVATIVES

(51) International classification	:A61K 31/4178, C07D 403/10	(71) Name of Applicant : 1)NICOX S.A. Address of Applicant :2455 Route des Dolines, Espace Gaia II - Batiment I, F-06906 Sophia Antipolis France
(31) Priority Document No	:03102379.9	(72) Name of Inventor :
(32) Priority Date	:31/07/2003	1)ALMIRANTE, Nicoletta
(33) Name of priority country	:EUROPEAN UNION	2)DEL SOLDATO, Piero
(86) International Application No	:PCT/EP2004/051550	3)ONGINI, Ennio
Filing Date	:20/07/2004	
(87) International Publication No	:WO 2005/011646	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Angiotensin II receptor blocker nitroderivatives of formula (I) : R-(Y-ONO₂)S (I) having wider pharmacological activity and enhanced tolerability. They can be employed for treating cardiovascular, renal and chronic liver diseases and inflammatory processes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.734/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :28/02/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL COMPOUNDS HAVING INHIBITORY ACTIVITY AGAINST SODIUM -DEPENDANT TRANSPORTER

(51) International classification : C07H 19/06

(31) Priority Document No :NA

(32) Priority Date :NA

(33) Name of priority country :NA

(86) International Application No :PCT/JP04/11312

Filing Date :30/07/2004

(87) International Publication No :WO

2005/012326 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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OSAKA 541-8505, JAPAN Japan

(72)Name of Inventor :

1)NOMURA, SUMIHIRO

2)KAWANISHI, EIJI

3)UETA, KIICHIRO

(57) Abstract :

ABSTRACT A compound of the formula: wherein Ring A and Ring B are: (1) Ring A is an optionally substituted unsaturated monocyclic heterocyclic ring, and Ring B is an optionally substituted unsaturated monocyclic heterocyclic ring, an optionally substituted unsaturated fused heterobicyclic ring, or an optionally substituted benzene ring, (2) Ring A is an optionally substituted benzene ring, and Ring B is an optionally substituted unsaturated monocyclic heterocyclic ring or an optionally substituted unsaturated fused heterobicyclic ring, or (3) Ring A is an optionally substituted unsaturated fused heterobicyclic ring, and Ring B are independently an optionally substituted unsaturated monocyclic heterocyclic ring, an optionally substituted unsaturated fused heterobicyclic ring, or an optionally substituted benzene ring; X is a carbon atom or a nitrogen atom; Y is -(CH₂)_n- (n is 1 or 2) ; a pharmaceutically acceptable salt thereof, or a prodrug thereof.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.739/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :01/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUEL COMPOSITIONS

(51) International classification

:C10L 1/04

(31) Priority Document No

:03255486.7

(32) Priority Date

:03/09/2003

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2004/052017

Filing Date

:02/09/2004

(87) International Publication No

:WO 2005/021689

(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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Netherlands

(72)Name of Inventor :

1)CRACKNELL, Roger Francis

2)STEPHENSON, Trevor

(57) Abstract :

ABSTRACT Use of a Fischer-Tropsch derived fuel in a fuel composition, for the purpose of reducing catalyst degradation in a catalytically driven or catalyst containing system which is running on, or is to be run on, the composition or its products, wherein the FischerTropsch derived fuel is used to reduce the level of silicon in the fuel composition, such as by reducing the concentration of silicon-containing antifoaming additive(s) in the fuel composition. It may also be used to reduce loss of efficiency of fuel atomisation and/or combustion, and/or to reduce build up of silicon deposits, in a fuel consuming system which is running on, or is to be run on, the fuel composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.752/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUBSTITUTED INDOLES AS INHIBITORS OF POLY(ADPRIBOSE) POLYMERASE (PARP)

(51) International classification	:A61K 31/404 A61P 9/10,	(71) Name of Applicant : 1)AVENTIS PHARMACEUTICALS, INC,
(31) Priority Document No	:60/500,039	Address of Applicant :300 SOMERSET CORPORATE BOULEVARD,
(32) Priority Date	:04/09/2003	BRIDGEWATER, NEW JERSEY 08807-2854, USA U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US04/28543	1)JIANG, JOHN, Z.,
Filing Date	:01/09/2004	
(87) International Publication No	:WO 2005/023246 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT The present invention relates to a series of substituted indole derivatives of the formula (I) as described herein. This invention also relates to methods of making these compounds. The compounds of this invention are inhibitors of poly(adenosine5'-diphosphate ribose) polymerase (PARP) and are therefore useful as pharmaceutical agents, especially in the treatment and/or prevention of a variety of diseases, including diseases associated with the central nervous system and cardiovascular disorders.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.754/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :02/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FUEL COMPOSITIONS COMPRISING FISCHER-TROPSCH DERIVED FUEL

(51) International classification	:C10L 1/04, 1/08	(71) Name of Applicant :
(31) Priority Document No	:03255506.2	1)M/S. SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ
(32) Priority Date	:03/09/2003	B.V.
(33) Name of priority country	:EUROPEAN UNION	Address of Applicant :CAREL VAN BYLANDTLAAN 30, NL-2596 HR HAGUE, THE NETHERLAND Netherlands
(86) International Application No	:PCT/EP04/52014	(72) Name of Inventor :
Filing Date	:02/09/2004	1)SHRI. MILLINGTON, CHRISTOPHER, RESSELL,
(87) International Publication No	:WO 2005/021688 A1	2)STEPHENSON, TREVOR,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Use of a Fischer-Tropsch derived fuel in a fuel composition, for the purpose of reducing the amount of additives, in particular antifoaming and/or dehazing additives, in the composition. The Fischer-Tropsch fuel may be used to reduce the amount of silicon containing additives in the composition, or generally to reduce silicon levels, and in turn to reduce loss of efficiency of fuel atomisation and/or combustion in a fuel consuming system which is running on the fuel composition, and/or to reduce build up of deposits, in particular silicon deposits, in such a system. The Fischer-Tropsch derived fuel is preferably a gas oil and the fuel composition suitably a diesel fuel composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.785/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :03/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MULTI-ANTIGEN VECTORS FOR MELANOMA

(51) International classification	:C12N 15/86
(31) Priority Document No	:60/500,572
(32) Priority Date	:05/09/2003
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/028751
Filing Date	:03/09/2004
(87) International Publication No	:WO 2005/026370
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)SANOFI PASTEUR LIMITED
Address of Applicant : 1755 Steeles Avenue West, Toronto, Ontario M2R 3T4 Canada
2)THERION BIOLOGICS, INC.

(72)**Name of Inventor :**
1)BERINSTEIN, Neil
2)TARTAGLIA, Jim
3)PARRINGTON, Mark
4)PANICALI, Dennis
5)GRITZ, Linda

(57) Abstract :

ABSTRACT The present invention relates to peptides, polypeptides, and nucleic acids and the use of the peptide, polypeptide or nucleic acid in preventing and / or treating cancer. In particular, the invention relates to peptides and nucleic acid sequences encoding such peptides for use in diagnosing, treating, or preventing melanoma.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.791/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITIONS USEFUL FOR DELIVERY OF ACTIVE AGENTS

(51) International classification :A61K9/00, A61K 9/00 (31) Priority Document No :60/677,989 (32) Priority Date :05/05/2005 (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)M/S. NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION Address of Applicant :1000 UNIQEMA BOULEVARD, NEW CASTLE, DELAWARE 19720, USA U.S.A. 2)UNIVERSITEIT GENT (72)Name of Inventor : 1)PRINGELS, EVELINE, 2)REMON, JEAN, PAUL 3)VERVAET, CHRIS 4)FOEMAN, PAUL, B.,

(57) Abstract :

The invention provides a safe drug delivery composition that enhances the absolute bioavailability of active agent (drug)-

(12) PATENT APPLICATION PUBLICATION

(21) Application No.794/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :02/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TRANSMISSION RATE CONTROL METHOD AND MOBILE STATION

(51) International classification	:H04Q7/38 H04L29/18	(71) Name of Applicant : 1)M/S. NTT DOCOMO, INC.
(31) Priority Document No	:P2005- 134640	Address of Applicant :11-1, NAGATACHO 2-CHOME, CHIYODA-KU, TOKYO 100-6510, JAPAN Japan
(32) Priority Date	:02/05/2005	(72) Name of Inventor :
(33) Name of priority country	:Japan	1)USUDA, MASAFUMI
(86) International Application No	:NA	2)UMESH, ANIL
Filing Date	:NA	
(87) International Publication 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 transmission rate control method for controlling a transmission rate of data transmitted from a mobile station to a radio base station via an uplink, includes: receiving, at the mobile station, an Absolute Rate Grant Channel which indicates an absolute value of the transmission rate from the radio base station; and ignoring,, at the mobile station, a Relative Rate Grant Channel which indicates a relative value of the transmission rate until each HARQ process has been performed once, after receiving the Absolute Rate Grant Channel.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.794/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : THIENOPYRAZOLES

(51) International classification :C07D 495/04
(31) Priority Document No :60/501,159
(32) Priority Date :08/09/2003
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US04/23814
Filing Date :23/07/2004
(87) International Publication No :WO
2005/026175
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)AVENTIS PHARMACEUTICALS INC.

Address of Applicant :300 Somerset Corporate Boulevard, Bridgewater,
NJ 08807 (US). U.S.A.

(72)Name of Inventor :

1)JURCAK, John, Gerard

2)BARRAGUE, Matthieu

3)GILLESPIE, Timothy, Alan

4)EDWARDS, Michael, Louis

5)MUSICK, Kwon, Yon

6)WEINTRAUB, Philip, Marvin

7)DU, Yan

8)DHARANIPRAGADA, Ramalinga, M.

9)PARKAR, Ashfaq, Ahmed

(57) Abstract :

ABSTRACT Thienopyrazoles, their preparation, pharmaceutical compositions comprising these compounds, and their pharmaceutical uses in the treatment of disease states capable of being modulated by the inhibition of the protein kinases, in particular interleukin-2 inducible tyrosine kinase (ITK).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.800/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR PRODUCING 4-HYDROXYDIPHENYL ETHER

(51) International classification	:C07C 41/26	(71)Name of Applicant :
(31) Priority Document No	:2003-206450	1)SUMITOMO CHEMICAL COMPANY, LIMITED
(32) Priority Date	:07/08/2003	Address of Applicant : 27-1, Shinkawa 2-chome, Chuo-ku, Tokyo 104-
(33) Name of priority country	:Japan	8260 (JP). Japan
(86) International Application No	:PCT/JP04/11119	(72)Name of Inventor :
Filing Date	:28/07/2004	1)KOMOTO, Ichiro
(87) International Publication No	:WO	2)NISHIDA, Sumio
	2005/014514 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT A method for producing 4-hydroxydiphenyl ether, characterized by reacting diphenyl ether with an acylating agent in the presence of an acid catalyst to obtain a 4-acyldiphenyl ether represented by the formula (1): wherein R represents a substituted or unsubstituted alkyl or aryl group, reacting the 4-acyldiphenyl ether with a peroxide to obtain a 4-acyloxydiphenyl ether represented by the formula (2): wherein R has the same meaning as defined above, and solvolizing the ester bond of the 4-acyloxydiphenyl ether, is provided.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.801/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITION FOR PROTECTION PROTEINS DEGRADATION COMPRISING SMALL HEAT SHOCK PROTEIN (SHSPS) AND METHOD OF TWO-DIMENSIONAL GEL ELECTROPHORESIS USING THE SHSPS

(51) International classification	:C07K 14/00
(31) Priority Document No	:10-2003-0062756
(32) Priority Date	:08/09/2003
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR03/02539
Filing Date	:24/11/2003
(87) International Publication No	:WO 2005/023847
	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)KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
Address of Applicant :SCIENCE AND TECHNOLOGY 373-1,GUSEONG DONG, YUSEONG-GU, DAEJEON 305-338, KOREA
Republic of Korea
(72)**Name of Inventor :**
1)LEE, SANG-YUP,
2)HAN, Mee Jung
3)PARK, Si Jae

(57) Abstract :

ABSTRACT The present invention relates to a composition containing sHSPs for prevention of protein degradation and a composition for two-dimensional gel electrophoresis. Furthermore, the present invention relates to the improved method of two-dimensional gel electrophoresis, which is characterized by using sHSPs. According to the present invention, decreasing of protein spots was prevented in the two-dimensional gel electrophoresis, thereby obtaining two-dimensional gel with much more protein spots.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.802/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :03/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : JOURNAL BEARING BACKING RING

(51) International classification :B61F15/22,F16C35/063
(31) Priority Document No :11/121,469
(32) Priority Date :05/05/2005
(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)M/S. BRENCO, INCORPORATION
Address of Applicant :AMSTED INDUSTRIES INCORPORATED
U.S.A.
(72)**Name of Inventor :**
1)MARTIN EARL REED

(57) Abstract :

A bearing assembly is provided having a roller bearing with an inner case fitted around the journal portion of an axle. An outer raceway combines with the inner raceway to receive roller elements. A backing ring is centered to the shaft fillet. An annular wear ring is positioned between the inner case and the backing ring. An annular sealant bead or a sealant ring from a seal between the shaft shoulder and the backing ring.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.805/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : NOVEL ANALOGS OF 3-O-ACETYL-11-KETO-B-BOSWELLIC ACID

(51) International classification	:C07C 61/12
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/IN2004/000176
Filing Date	:18/06/2004
(87) International Publication No	:WO 2005/123649
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)GOKARAJU, Ganga, Raju

Address of Applicant : 40-15-14 Brindavan Colony, Vijayawada 520 010,
Andhra Pradesh Andhra Pradesh India

2)GOKARAJU, Rama, Raju

3)GOTTUMUKKALA, Venkata, Subbaraju

4)GOLAKOTI, Trimurtulu

(72)Name of Inventor :

1)GOKARAJU, Ganga, Raju

2)GOKARAJU, Rama, Raju

3)GOTTUMUKKALA, Venkata, Subbaraju

4)GOLAKOTI, Trimurtulu

(57) Abstract :

This invention relates to analogs of 3-0-Acetyl-11-Keto-b-Boswellic acid (AKBA) that exhibit 5-Lipoxygenase inhibitory properties. These compounds may be used in pharmaceutical compositions for therapeutic applications against a variety of inflammations and hypersensitivity-based human diseases including asthma, arthritis, bowel diseases such as ulcerative colitis and circulatory disorders such as shock and ischemia. These compounds also inhibited the growth of brine shrimp in cultures, which may be considered as a positive indication for cytotoxicity and antitumor activity.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.806/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :06/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR INDEXING AND SEARCHING GRAPHIC ELEMENTS

(51) International classification	:G06F 17/30	(71)Name of Applicant :
(31) Priority Document No	:03300111.6	1)KONINKLIJKE PHILIPS ELECTRONICS N.V.
(32) Priority Date	:08/09/2003	Address of Applicant : Groenewoudseweg 1, NL-5621 BA Eindhoven
(33) Name of priority country	:EUROPEAN UNION	Netherlands
(86) International Application No	:PCT/IB2004/002753	(72)Name of Inventor :
Filing Date	:23/08/2004	1)BUIL, Vincentius, Paulus
(87) International Publication No	:WO 2005/024662	2)DRAAIJER, Maurice, Herman, Johan
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

PHFR030097 ABSTRACT In an indexation method, an average color or a statistical distribution of colors in an image is determined by providing a set of coordinates in a multidimensional color space (80). The set of coordinates of each color is reduced to a level of Hue if the color verifies a first condition, i.e. the color is considered a true color (81), and to a level of Brightness if the color verifies a second condition, i.e. the color is considered a gray color (82). Indexation data for indexing the image includes the level of Hue or Brightness resulting from each color. The indexation method is used in a search method for searching a collection of graphic elements. An input specifies a desired color. A corresponding search query pertains to a level of Hue or a level of Brightness if the desired color includes a true color, or a gray color respectively. Ref: Fig. 8

(12) PATENT APPLICATION PUBLICATION

(21) Application No.807/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :04/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IN-LINE PUMPING UNIT

(51) International classification

:F04D13/00

(31) Priority Document No

:05009879.7

(32) Priority Date

:06/05/2005

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAER ELETTROPOMPE S.P.A.

Address of Applicant :VIA CIRCONVALLAZIONE, 22, 1-42016

GUASTALLA, ITALY Italy

(72)Name of Inventor :

1)FAVELLA, FRANCO,

2)favella, ivo,

3)FAVELLA, MARCO,

4)FAVELLA, LUCA

(57) Abstract :

The pumping unit (10)is usable in liquid distribution systems and comprises an electric pump (12) of submerged or submersible type inserted in a booster (14) provided with an inlet port (30)and an outlet port (28) for the liquid, both (30, 28) being located at that end of the booster (14) closer to the electric pump (12) delivery, and being mutually opposite and aligned (along 36).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.818/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :07/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IRON BASED SOFT MAGNETIC POWDER

(51) International classification

:B22F 1/02

(31) Priority Document No

:0302427-0

(32) Priority Date

:09/09/2003

(33) Name of priority country

:Sweden

(86) International Application No

:PCT/SE2004/001296

Filing Date

:08/09/2004

(87) International Publication No

:WO 2005/023464

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HOGANAS AB

Address of Applicant : S-263 83 Hoganas Sweden

(72)Name of Inventor :

1)YE, Zhou

2)ANDERSSON, Ola

(57) Abstract :

The present invention concerns a high purity, annealed iron powder suitable for the preparation of soft magnetic composites. The powder is distinguished in that the content of inevitable impurities is less than 0.25 %, the oxygen content is less than 0.05 % and the specific surface area as measured by the BET method is less than 60m²/kg.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.820/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :09/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIGH TEMPERATURE FUEL CELL SYSTEM WITH INTEGRATED HEAT EXCHANGE NETWORK

(51) International classification

:H01M8/04

(31) Priority Document No

:11/124,817

(32) Priority Date

:09/05/2005

(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)M/S. MODINE MANUFACTURING COMPANY

Address of Applicant :1500 DEKOVEN AVENUE, RACINE,
WISCONSIN 53403, USA U.S.A.

(72)Name of Inventor :

1)BANDHAUER, TODD, M. ,

2)REINKE, MICHAEL, J. ,

3)VALENSA, JEROEN,

(57) Abstract :

A fuel cell system (1) is provided and includes a fuel cell stack (3) and a heat transfer device (5) adapted to transfer heat from a cathode exhaust stream of the fuel cell stack (3) to water to be provided to a fuel inlet stream.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.822/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :09/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIGH TEMPERATURE FUEL CELL SYSTEM WITH INTEGRATED HEAT EXCHANGER NETWORK

(51) International classification

:H01M8/04

(31) Priority Document No

:11/124,811

(32) Priority Date

:09/05/2005

(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)M/S. MODINE MANUFACTURING COMPANY

Address of Applicant :1500 DEKOVEN AVENUE, RACINE,
WISCONSIN 53403, USA U.S.A.

(72)Name of Inventor :

1)BANDHAUER, TODD, M.,

2)REINKE, MICHAEL, J.,

3)VALENSA, JEROEN,

4)MCGREGOR, MICHAEL, N.,

(57) Abstract :

An integrated fuel humidifier assembly (2000) is provided and includes a water evaporator (6), a fuel heater (67), and a fuel/system mixer (8) connected to both the water evaporator (6) to receive steam therefrom and the fuel heater (67) to receive heated fuel therefrom, air inlet stream using heat from a fuel cell stack anode exhaust stream.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.823/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :09/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : HIGH TEMPERATURE FUEL CELL SYSTEM WITH INTEGRATED HEAT EXCHANGER NETWORK

(51) International classification	:F28F9/00	(71) Name of Applicant :
(31) Priority Document No	:11/124,810	1)M/S. MODINE MANUFACTURING COMPANY
(32) Priority Date	:09/05/2005	Address of Applicant :1500 DEKOVEN AVENUE, RACINE,
(33) Name of priority country	:U.S.A.	WISCONSIN 53403, U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)BANDHAUER, TODD, M.,
(87) International Publication No	: NA	2)REINKE, MICAHE, N.,
(61) Patent of Addition to Application Number	:NA	3)VALENSA, JEROEN,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

00655P1307US Index 1062B -39-ABSTRACT A fuel cell system (1) is provided and includes a fuel cell stack (3), a cathode recuperator heat exchanger (33) adapted to heat an air inlet stream using heat from a fuel cell stack cathode exhaust stream, and an air preheater heat exchanger (39) which is adapted to heat the air inlet stream using heat from a fuel cell stack anode exhaust stream.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.832/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :10/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR CREATING UNIQUE IDENTIFICATION FOR COPIES OF EXECUTABLE CODE ADN MANAGEMENT THEREOF

(51) International classification	:G06F17/30,G06F15/16	(71) Name of Applicant :
(31) Priority Document No	:11/127,674	1)XEROX CORPORATION
(32) Priority Date	:12/05/2005	Address of Applicant :XEROX SQUARE-20A, ROCHESTER, NEW
(33) Name of priority country	:U.S.A.	YORK14644, USA U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VERNON, BRADLEY, E. ,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for electronically modigying a compiled executable file, the complied executable file incuding a plurality of data elements, comprising. (a) compiling source code to created a complied executable file having a first data structure corresponding to the source code such that the first data structure is realized each time the source code is compiled. (b) rearranging locations of a predetermined number of data elements within the compiled executable file to create a compiled file having a second data structure, the second data structure being different from the first data structure and (c) edition address data within the compiled file having the second data structure in accordance with the rerranged locations to generate a compiled executable file having a second data structure that funtions in a same way as the compiled executable file having the first data structure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.833/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :10/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR CREATING UNIQUE IDENTIFICATION FOR COPIES OF EXECUTABLE CODE AND MANAGEMENT THEREOF

(51) International classification	:G06F17/30,G06F15/16	(71) Name of Applicant : 1)M/S. XEROX CORPORATION Address of Applicant :XEROX CORPORATION-20A, ROCHESTER, NEW YORK U.S.A.
(31) Priority Document No	:11/127,673	
(32) Priority Date	:12/05/2005	
(33) Name of priority country	:U.S.A.	
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VERNON, BRADLEY, E. ,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method for creating compiled executable files, each having a unique identification value, comprising.(a) compiling source code to created a compiled executable file having a first data structure corresponding to the source code such that the first data structure is realized each time the source code is compiled. (b) rearranging locations of a predetermined number of data elements wihtin the compiled executable fiel to create a compiled executable file having a second data structure, the second data structure being different from the first data structure. (c) editing address data within the compiled file in accordance with the rearranged location to generate a compiled executable file having a second data structure that functions ina a same way as the compiled executable file having the first data structure and (d) creating a unique value representing the data structure of the compiled executable file having a second data struture, the unique value providing a unique identification for the compiled executable file having a second data structure.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.839/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :11/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : IMPROVED DISTRIBUTORS SYSTEM FOR DOWNFLOW REACTORS

(51) International classification	:B01J8/04,C10G49/00	(71)Name of Applicant :
(31) Priority Document No	:PA 2005 00699	1)HALDOR TOPSOE A/S
(32) Priority Date	:13/05/2005	Address of Applicant :NYMOLLEVEJ 55, DK-2800 KGS, LYNGBY,
(33) Name of priority country	:Denmark	DENMARK Denmark
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)BREIVIK, RASMUS,
(87) International Publication No	: NA	2)MOGENSEN, JOHAN
(61) Patent of Addition to Application Number	:NA	3)HANSEN, TORKIL, OTTESEN
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Downflow catalytic reactor having a plurality of catalyst beds in which a mixture of gas and liquid are passed, the region in between subsequent catalyst beds being provided with a distributor system for the distribution and mixing of gas and liquid prior to contact with a subsequent catalyst bed, said region comprising. (a)gas injection line arranged below a catalyst support tray (b) collector tray adapted to receive gas and liquid, (c) spillway collectors extending above the level of said collecting tray, (d) mixing chamber adapted to receive the gas and liquid descending from said spillway collectors, (e) impingement plate below said mixing chamber, (f) first distributor tray arranged below said impingement plate having a number of apertures throughout and a number chimney, and (g) second distributor tray arranged below said first distributor tray for the redistribution of gas and liquid prior to contact with the subsequent catalyst bed, wherein the at least one chimney is provided with a distributor device that is able to divide the chimney chamber into at least two chambers.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.840/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :11/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPUTER-ASSISTED METHOD OF PROVIDING COMPONENTS FOR LIFTS, ESCALATORS AND MOVING WAKWAY,S AND CORRESPONDING DELIVERY UNITS

(51) International classification	:B66B1/18,B66B5/00	(71) Name of Applicant :
(31) Priority Document No	:05 104 053.3	1)M/S. INVENTIO AG
(32) Priority Date	:13/05/2005	Address of Applicant :SEESTRASSE 55, CH-6052 HERGISWIL,
(33) Name of priority country	:EUROPEAN	SWITZERLAND Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)CRUZ, PABLO,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Delivery unit and corresponding computer-assisted methof of providing components (11 to 19) of a lift (10), an escalator or a moving walkway. In that case the following steps are carried out. provision of a parts list (21) provision of associated assembly information (22)and packing up the components (11 to 19), wherein the components (11 to 19) are packed up by packing material with consideration of the assembly information to form delivery units (u).

(12) PATENT APPLICATION PUBLICATION

(21) Application No.844/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :12/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR OBTAINING CEFOTETAN WITH HIGH YIELD

(51) International classification :C07D275/03; C07D275/00 (31) Priority Document No :MI2005A 001115 (32) Priority Date :14/06/2005 (33) Name of priority country :Italy (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)ACS BOBFAR S.P.A Address of Applicant :VIALE ADDETTA, 6/8/10, 1-20067 TRIBIANO (MI) ITALY Italy (72)Name of Inventor : 1)ZENONI, MAURIZIO 2)MANCA, ANTONIO 3)MONGUZZI, RICCARDO,

(57) Abstract :

The invention relates to a method for obtaining cefotetan acid substantially free of tautomer, by treating crude cefotetan with Al³⁺ ions which cause the tautomer to precipitate. The precipitate is eliminated by filtration to provide a solution from which practically tautomer-free cefotetan is obtained.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.844/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :05/05/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : ORGANIC COMPOUND AND METAL ION SYNERGISTIC DIDINFECTION AND PURIFICATION SYSTEM AND METHOD OF MANUFACTURE

(51) International classification	:A01N	(71) Name of Applicant :
(31) Priority Document No	:60/416,817	1)ELDRED BRADELY J
(32) Priority Date	:08/10/2002	Address of Applicant :721 LOWER ENGLISH SETTLEMENT ROAD
(33) Name of priority country	:U.S.A.	UNDERHILL VT 05489 U.S.A.
(86) International Application No	:PCT/US03/31560	(72) Name of Inventor :
Filing Date	:07/10/2003	1)ELDERED BRADELY J
(87) International Publication No	:WO 2004/03263	
	A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

844/CHENP/2005 - A disinfection and purification composition and a method of manufacturing the same The present invention relates to a disinfection and purification composition, comprising: (a) metals copper and silver wherein the copper and silver are present in a copper:silver ratio ranging from 1: 1 to 50: 1; (b) at least one plant extract; and (c) at least one alcohol. The invention also relates to a method of manufacturing the disinfection and purification composition.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.875/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : CANCER TREATMENT

(51) International classification

:A61K31/16

(31) Priority Document No

:11/132,756

(32) Priority Date

:18/05/2005

(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)M/S. CARLSBAD TECHNOLOGY, INC.

Address of Applicant :5923 BALFOUR COURT, CARLSBAD,
CALIFORNIA 92008, USA U.S.A.

(72)Name of Inventor :

1)TENG, CHE-MING

2)KUO, SHENG-CHU,

3)LEE, FANG-YU

4)PAN, SHIOW-LIN

5)GUH, JIH-HWA,

(57) Abstract :

wherein, A is H or Re; each of Ar1, Ar2, and Ar3, independently, is phenyl, thienyl, furyl, pyrrolyl, pyridinyl, or pyrimidinyl; each of R1, R2, R3, R4, R5, and R6, independently, is R, nitro, halogen, C(O)OR, C(O)SR, C(O)NRR " (CHVrnOR, (CHVrnSR, (CH2)mNRR", (CH2)rnCN, (CH2)rnC(O)OR, (CH2)rnCHO, (CH2)mCH=NOR, (CH2)mC(O)N(OR)R", or R1 and R2 together, R3 and R4 together, or R5 and R6 together are O(CH2)rnO, in which each of R and R", independently, is H or C1-C6 alkyl; and m is 0, 1,2,3,4,5, or 6, and n is 0, 1,2, or 3.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.876/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : A PROCESS FOR REMOVING CARBONATES IN THE PRODUCTION OF ALUMINA

(51) International classification	:C07C68/00	(71)Name of Applicant :
(31) Priority Document No	:200510200285.4	1)CHINA ALUMINUM INTERNATIONAL ENGINEERING CORPORATION LIMITED
(32) Priority Date	:18/05/2005	Address of Applicant :B15/F., TONGTAI MANSION, 33 JINRONG STREET, EXCHENG DISTRICT, BEIJING 100032, CHINA China
(33) Name of priority country	:China	(72)Name of Inventor :
(86) International Application No	:NA	1)GAO, ZHENWEN,
Filing Date	:NA	2)BAI, YINGWEI
(87) International Publication No	: NA	3)FANG, ZHONGYU
(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 process and apparatus for removing carbonates in the production of alumina. Said apparatus comprises a desalting equipment (a forced circulation evaporator or a flash tank), a salt settling tank, a tank for a high concentration of caustic alkali liquor, a pump for salt seed crystals, a pump for the high concentration of caustic alkali liquor and conduits for connections thereof. During the desalting by the forced circulation or flash evaporation, a proper amount of carbonate seed crystals and a high concentration of caustic alkali liquor are introduced. Thereby, the desalting effect is improved and the majority of the removed salts is coarser particles of anhydrous sodium carbonate which has good settling and filtering performance.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.877/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :18/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : AGITATOR MILL

(51) International classification

:B02C

(31) Priority Document No

:05 010 815.8

(32) Priority Date

:19/05/2005

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SHRI. BUHLER AG

Address of Applicant :INDUSTRIESTRASSE, CH-9240 UZWIL,

SWITZERLAND Switzerland

(72)Name of Inventor :

1)STEHR, NORBERT,

2)SCHMITT, PHILIPP.

(57) Abstract :

An agitator mill comprises an annular cylindrical exterior grinding chamber which is defined by an inner wall of a grinding receptacle and an outer wall of a rotor; and an interior grinding chamber which is defined by an inner wall of the rotor and an outer casing of an interior stator. The grinding chambers are interconnected by a deflection chamber. g less than h applies to the radial gap width g of the exterior grinding chamber in relation to the radial gap width h of the interior grinding chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.881/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :19/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RADIAL-CROSSFLOW DISTILLATION TRAYS FOR DIVIDED WALL COLUMN APPLICATION

(51) International classification	:B01D3/22	(71)Name of Applicant :
(31) Priority Document No	:11/133547	1)M/S. AIR PRODUCTS AND CHEMICALS, INC.
(32) Priority Date	:20/05/2005	Address of Applicant :7201 HAMILTON BOULEVARD ALLENTOWN,
(33) Name of priority country	:U.S.A.	PA 18195-1501 U.S.A U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)KENNETH WILLIAM KOVAK
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An assembly of trays in a divided wall column having an inner column wall, a dividing wall, and an interior space includes: a first tray having at least one radial downcomer adjacent the dividing wall and extending radially toward the inner column wall a first substantial distance, and a first liquid receiving area having a radial axis at a first angle to the dividing wall and extending radially toward the inner column wall a second substantial distance; and a second tray below the first tray, the second tray having at least one other downcomer having a radial axis at a second angle to the dividing wall and extending radially toward the inner column wall a third substantial distance, and at least one second liquid receiving area adjacent the dividing wall and extending radially toward the inner column wall a fourth substantial distance.

(54) Title of the invention : CONVEYANCE APPARATUS

(51) International classification	:B65H5/00	(71)Name of Applicant :
(31) Priority Document No	:2000-007553	1)HONDA GIKEN KOGYO KABUSHIKI KAISHA
(32) Priority Date	:17/01/2000	Address of Applicant :1-1 MINAMIAOYAMA 2-CHOME, MINATO-KU, TOKYO 107-0062, JAPAN Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)SAGANE CHITOSHI
Filing Date	:NA	2)NISHIDA HIDENOBU
(87) International Publication No	: NA	3)MASAKI YUKI,
(61) Patent of Addition to Application Number	:NA	4)SAKAI MAKOTO
Filing Date	:NA	5)FURUSAWA SHUNICHI
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A conveyance apparatus for mixed workpieces in which a workpiece conveying path is provided above a treatment bath, and a workpiece to be immersed in the treatment bath and a workpiece not to be immersed in the treatment bath are adapted to be mixedly conveyed by means of a carrier which is capable of running along a travelling rail of said workpiece conveying path, wherein a carrier inversion mechanism is provided in at least one portion of said workpiece conveying path above said treatment bath, and said workpiece to be immersed in said treatment bath is inverted in a plane at right angles to said conveying path by said carrier inversion mechanism, to allow the workpiece to pass the treatment bath.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.883/CHENP/2006 A

(19) INDIA

(22) Date of filing of Application :13/03/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 1, 3-DISUBSTITUTED AZETIDINE DERIVATIVES FOR USE AS CCR-3 RECEPTOR ANTAGONISTS IN THE TREATMENT OF INFLAMMATORY AND ALLERGIC DISEASES

(51) International classification	:C07D 205/04, 417/12,	(71) Name of Applicant : 1)NOVARTIS AG
(31) Priority Document No	:0321599.3	Address of Applicant : Lichtstrasse 35, CH-4056 Basel Switzerland
(32) Priority Date	:15/09/2003	(72) Name of Inventor :
(33) Name of priority country	:U.K.	1)LE GRAND, Darren, Mark
(86) International Application No	:PCT/EP2004/010260	
Filing Date	:14/09/2004	
(87) International Publication No	:WO 2005/026113	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

ABSTRACT Compounds of formula Ia or Ib in free or salt form, wherein Ar, X<1>, X<2>, m, R<1>, Q, Y, R<2> and R<3> have the meanings as indicated in the specification, are useful for treating conditions that are mediated by CCR-3, for example an inflammatory or allergic condition, particularly an inflammatory or obstructive airways disease. Pharmaceutical compositions that contain the compounds and a process for preparing the compounds are also described.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.890/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : UNIFIED STATUS SUPPORT OVER USB AND HTTP

(51) International classification	:G06F,HO4L	(71)Name of Applicant :
(31) Priority Document No	:11/135,752	1)M/S. XEROX CORPORATION
(32) Priority Date	:23/05/2005	Address of Applicant :XEROX SQUARE-20A, ROCHESTER, NEW
(33) Name of priority country	:U.S.A.	YORK 14644, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)HANSON, MARK, L.,
(87) International Publication No	: NA	2)EDMONDS, JONATHAN, A.,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An apparatus, comprising: a first connector that can be connected to a first communication medium; a first connection manager to receive a first message from the first connector, forward the first message to the report generator, receive a first report from the report generator, and transmit the first report across the first connector; and a second connector that can be connected to a second communication medium; a second connection manager to receive a second message from the first connector, forward the second message to the report generator, receive a second report from the report generator, and transmit the second report across the first connector; and a report generator to generate the first report responsive to the first message and the second report responsive to the second message, the first report independent of the first communication medium, and the second report independent of the second communication medium.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/CHE/2004 A

(19) INDIA

(22) Date of filing of Application :03/09/2004

(43) Publication Date : 08/06/2007

(54) Title of the invention : POLYURETHANE FOAM COATED WITH SILVER MANOPARTICLES

(51) International classification	:C08 J 07/12	(71) Name of Applicant : 1)M/S. INDIAN INSTITUTE OF TECHNOLOGY Address of Applicant :11T P.O. CHENNAI-600036. Tamil Nadu India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)DR. THALAPPIL PRADEEP PROFESSOR
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Disclosed herein a switch which can not be pressed in the center position & which has a reliable quick make & break and hence prevent accidental short circuit between line & neutral of a domestic supply system and accidental connection of electrical supply to electrical appliance connected to the switch. There is also provided a mounting on the wall and an outer cover, which will be mounted on the inner mounting plate. The indicator strip is provided with integral means for clipping on to the inner plate.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.891/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :23/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESSING COMMUNICATION FLOWS IN ASYMMETRICALLY ROUTED NETWORKS

(51) International classification	:H04L12/00	(71) Name of Applicant :
(31) Priority Document No	:60/684,008	1)M/S. JUNIPER NETWORKS, INC.
(32) Priority Date	:23/05/2005	Address of Applicant :1194 NORTH MATHILDA AVENUE,
(33) Name of priority country	:U.S.A.	SUNNYVALE, CALIFORNIA 94089-1206, USA U.S.A.
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)SINGH, BALRAJ
(87) International Publication No	: NA	2)GUGLE, NITIN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A network system includes a first device and a second device separated by a network having asymmetric routes in which traffic forwarded in a first direction from the first device to the second device may travel a different route than traffic forwarded in a second direction from the second device to the first device. At least three intermediate processing devices are located between the first device and the second device, wherein at least two of the intermediate processing devices are located along different asymmetric routes. The intermediate processing devices intercept a communication flow between the first device and the second device, and encapsulate the communication flow within network tunnels so that communications associated with the communication flow in the first direction and the second direction are forwarded between a same set of at least two of the intermediate processing devices.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.898/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :12/05/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR ELECTROCOATING AND ARTICLES MADE THEREFROM

(51) International classification	:C25D	(71)Name of Applicant :
(31) Priority Document No	:60/426,187	1)ELISHA HOLDING LLC
(32) Priority Date	:14/11/2002	Address of Applicant :US HWY 63 SOUTH MOBERLY, MO 65270,
(33) Name of priority country	:U.S.A.	USA U.S.A.
(86) International Application No	:PCT/US03/36523	(72)Name of Inventor :
Filing Date	:14/11/2003	1)KLOS, KLAUS-PETER
(87) International Publication No	:WO	2)GROLMES, HOLGER, MANFRED
	2004/046425 A2	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A PROCESS FOR APPLYING A MULTILAYER PROTECTIVE COATING TO A SUBSTRATE AND A CORROSION RESISTANT ARTICLE The invention also relates to a process for applying a multilayer protective coating to a substrate having an electrically conductive surface, comprising: a first method of forming a silicate layer upon said electrically conductive surface, said first method comprising contacting at least a portion of said surface with a first medium comprising at least one silicate and having a basic pH and wherein said first medium is substantially free of chromates, to form a silicate layer, and, a second method of electrolytically applying a synthetic resin layer upon the surface of said silicate layer, said second method comprising contacting at least a portion of said surface of said silicate layer with a second medium comprising a resinous ingredient, applying an electric current to said second medium wherein said surface is employed as an electrode, to form a synthetic resin layer, characterized in that said first method comprises introducing an electric current to said first medium wherein said surface is employed as a cathode and said cathode comprises an article having zinc or zinc alloy surface. The invention also relates to a corrosion resistant article.

(54) Title of the invention : METHOD FOR OPERATING A ROTATING ELECTRICAL MACHINE AND APPARATUS FOR CARRYING OUT THE METHOD

(51) International classification

:A61K31/517,
C07D239/72

(31) Priority Document No

:05405373.1

(32) Priority Date

:08/06/2005

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SHRI. ABB Schweiz AG

Address of Applicant :Brown Boveri Strasse 6, CH-5400 Baden,
Switzerland

(72)Name of Inventor :

1)SCHRODERUS, Petri,

2)AMMALA, Peteeri

3)BURZANOWSKA, Halina

(57) Abstract :

A method is specified for operating a rotating electrical machine (1), which machine (1) has at least two sets of stator windings (A, B), in each case one associated converter unit (2) being provided for each set of stator windings (A, B) and each set of stator windings (A, B) comprising n phase windings, where n~3, in which method the respective set of stator windings (A, B) is fed by the associated converter unit (2). In order to make it possible to regulate or influence electrical variables of the individual sets of stator windings of the rotating electrical machine in redundant fashion and independently, the currents (iA1 iA2, iA3 iB1, iB2, iB3) of at least n-1 phase windings of each set of stator windings (A, B) are measured, and in each case one associated regulating device (3) is provided for each converter unit (2) and each converter unit (2) is driven by means of a drive signal (8) of the associated regulating device (3) independently of regulating devices (3) of the respective other converter units (2). In addition, the drive signal (8) is formed in the respective regulating device (3) from the measured currents (iA1, iA2, iA3 iB1, iB2, iB3) of each set of stator windings (A, B). Furthermore, an apparatus is specified for carrying out the method.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.906/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : RESERVING AN AREA OF A STORAGE MEDIUM FOR LIFE

(51) International classification	:G06F1/00, G06F16/70, G06F17/30	(71) Name of Applicant : 1)Hewlett-Packard Development Company, L.P. Address of Applicant :20555 S.H. 249 Houston, Texas 77070 USA U.S.A.
(31) Priority Document No	:11/185, 052	(72) Name of Inventor : 1)David G Akers
(32) Priority Date	:20/07/2005	2)Timothy W Mark
(33) Name of priority country	:U.S.A.	3)Devin P Borland
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In response to receiving a first request for storage space for a file (130), an area of a storage medium (118) is reserved. A data structure (124) is stored in persistent storage to track the reserved area. A second request is subsequently received for storage space for the file. Free space in the reserved area is allocated to the file in response to the second request

(12) PATENT APPLICATION PUBLICATION

(21) Application No.907/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DEFRAGMENTING ONE OR MORE FILES BASED ON AN INDICATOR

(51) International classification	:G06F1/00,G06F9/00,G06F17/30	(71) Name of Applicant :
(31) Priority Document No	:11/189,537	1)M/S. Hewlet-Packard Development Company, L.P.
(32) Priority Date	:26/07/2005	Address of Applicant :20555 S.H. 249 Houston, Texas 77070 USA U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)Bruce A Lutz
Filing Date	:NA	2)Robert A Breau
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A system comprises software (109), a storage subsystem (122) to store files (128), a file system to organize and manage access to files, and a data structure (108) to store at least one indicator (116) of whether at least one of the files based on the at least one indicator while the file system remains available to the software

(12) PATENT APPLICATION PUBLICATION

(21) Application No.908/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : FILE CACHE MANAGEMENT SYSTEM

(51) International classification	:G06F12/08,G06F17/60, G06F17/30	(71) Name of Applicant : 1)M/S. HEWLETT-PACLARD DEVELOPMENT COMPANY I.P Address of Applicant :20555 S.H. 249 Houston, Texas 77070 USA U.S.A.
(31) Priority Document No	:11/187149	(72) Name of Inventor :
(32) Priority Date	:22/07/2005	1)Barrett Trask
(33) Name of priority country	:U.S.A.	2)Robert Gilanyi
(86) International Application No	:NA	3)Arthur L Sabsevit
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In one embodiment a computer system (100) to manage cache memory resources, comprises a processor (804), a memory module (130) including logic instructions stored in a computer-readable medium which, when executed by the processor, configure the processor to: create a resource group, develop one or more cache management policies for the resource group, and manage one or more subsequent requests for cache memory in accordance with the one or more cache management policies.

(54) Title of the invention : METHODS AND SYSTEMS THAT SELECTIVELY PERMIT CHANGES TO A CRYPTOGRAPHIC HARDWARE UNIT'S STAGE

(51) International classification	:G06F1/00,G06F17/30,G06F17/60	(71) Name of Applicant :
(31) Priority Document No	:11/201008	1)M/S. HEWLETT-PACKARD DEVELOPMENT COMPANY I.P
(32) Priority Date	:10/08/2005	Address of Applicant :20555 S.H. 249 Houston, Texas 77070 USA U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:NA	1)Valluddin Y Ali
Filing Date	:NA	2)Lan Wang
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In at least some embodiments, a system (200) comprises a hardware unit (102) and at least one computer (202a-202n) coupled to the hardware unit (102), the at least one computer (202a-202n) having software agents (110a-110n) that utilize a function provided by the hardware unit (102). The system (200) further comprises a consensus module (106) coupled to the hardware unit (102) and the at least one computer (202a-202n). The consensus module (106) is configured to detect an event that changes a state of the hardware unit (102), notify the software agents (110a-110n) of the event before the state changes, and selectively permit the state to change based on responses from the software agents (110a-aa0n)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.910/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR DISCOVERING PROBLEM AGENT BEHAVIORS

(51) International classification	:G06F	(71)Name of Applicant :
(31) Priority Document No	:11,193,585	1)M/S. AVAYA TECHNOLOGY CORP.
(32) Priority Date	:29/07/2005	Address of Applicant :211 Mount Airy Road, Basking Ridge, New Jersey
(33) Name of priority country	:Argentina	07920, USA U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Hackbarth, Kenneth, R., Jr.,
(87) International Publication No	: NA	2)Jenson, Murray,
(61) Patent of Addition to Application Number	:NA	3)Kohler, Joylee, E.,
Filing Date	:NA	4)Paddock, Henry, R.,
(62) Divisional to Application Number	:NA	5)Sobus, Katherine, A.,
Filing Date	:NA	6)Zanoni, David

(57) Abstract :

A contact center is provided that includes a plurality of agents for servicing incoming contacts and a target behavior identification module operable to (i) process a set of events to yield a corresponding measure; (ii) compare the measure to a plurality of rule sets, each of the rule sets corresponding to a different type of target behavior; and (iii) when the measure is defined by the a selected rule set, associate the measure with a type of target behavior corresponding to the selected rule set.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.912/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :26/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : GRAPHICAL USER INTERFACE DESIGN FOR MULTIPLE SETTINGS/VALUES RELATED TO AN ITEM

(51) International classification	:G06F17/00	(71)Name of Applicant :
(31) Priority Document No	:11/138,311	1)M/S. XEROX CORPORATION
(32) Priority Date	:27/05/2005	Address of Applicant :xerox Square-20A, Rochester, New York 14644
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Holmes, Alix, A.,
(87) International Publication No	: NA	2)Weinberger, Marcia
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A method of presenting configurable multi-level parameter values relating to an item of a printing apparatus, the method comprising: providing at least two parameter labels axially aligned in a stacked configuration and offset from each other; and providing at least one selectable object below each of the parameter labels in a column; providing an item label identifying the configurable item, and wherein the parameter label identifies a parameter associated with the configurable item; and wherein the selectable objects are operable to configure an item.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.914/MAS/2001 A

(19) INDIA

(22) Date of filing of Application :09/11/2001

(43) Publication Date : 08/06/2007

(54) Title of the invention : A CAR NAVIGATION SYSTEM

(51) International classification

:G01C

21/14

(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)GLOBAL MARKETING RESOURCES

Address of Applicant :9, WASHINGTON IRVINE, CA 92606. U.S.A.

(72)Name of Inventor :

1)PRASAD AMIT

2)PRASAD RAJENDRA

3)SOMASUNDERAM SELVAMUTHAIAH

4)CHAKRAVARTHI KVS

5)PERI VARALAXMI

(57) Abstract :

A car navigation system comprising a pocket PC with integrated GPS.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.918/CHENP/2005 A

(19) INDIA

(22) Date of filing of Application :13/05/2005

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF INCERASING FISH CATCH IN THE OCEAN AND HARVERSTING THE FISH

(51) International classification

:A01K

(31) Priority Document No

:60/426,820

(32) Priority Date

:18/11/2002

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US03/32745

Filing Date

:07/11/2003

(87) International Publication No

:WO

2004/045274

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)MARKELS, MICHAEL,Jr.

Address of Applicant :3121N.W.31st AVENUE, CAMAS, WA
98607,USA. U.S.A.

(72)Name of Inventor :

1)MARKELS, MICHAEL,Jr.

(57) Abstract :

The invention relates to a method of increasing the fish catch in the ocean comprising the steps of: (1) testing an area of the surface of the ocean to confirm that each required macronutrient is present at a first predetermined level that allows for the production of phytoplankton; (2) testing the area of the surface of the ocean to confirm that a first micronutrient is present at a second predetermined level which limits the production of phytoplankton; (3) testing the area of the surface of 'the ocean to confirm that the rate of diffusion is at a third predetermined level which allows for the production of a patch of phytoplankton; (4) applying a first fertilizer comprising said first micronutrient to create the patch of phytoplankton in the area of the surface of the ocean; and (5) harvesting the fish underneath and in the area of the patch.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.943/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :31/05/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : POLYPHENOL-ENRICHED COMPOSITION FROM COCOA SHELL EXTRACTION

(51) International classification	:A23G1/00; A23G3/00; A23G9/32	(71) Name of Applicant : 1)Kraft Foods R & D, INC. Address of Applicant :Bayerwaldstrasse 8, D-81737 Munich, Germany
(31) Priority Document No	:05 011 690.4	Germany
(32) Priority Date	:31/05/2005	(72) Name of Inventor :
(33) Name of priority country	:EUROPEAN UNION	1)Bradbury, Allan 2)Kopp, Gabriele,
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a process for the extraction of cocoa shells to provide a theobromine-enriched fraction of composition and a polyphenol-enriched fraction or composition

(12) PATENT APPLICATION PUBLICATION

(21) Application No.945/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DISTRIBUTED KERNEL OPERATING SYSTEM

(51) International classification

:G06F9/44

(31) Priority Document No

:11/144,327

(32) Priority Date

:03/06/2005

(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)QNX Software Systems GmbH & Co. KG

Address of Applicant :Becker Goring-Strasse 16, 76703 Karlsbad,

Germany Germany

(72)Name of Inventor :

1)BOYD, Andrew,

(57) Abstract :

ABSTRACT An improved distributed operating system over a network of computer systems is described. Existing distributed operating systems have transmission performance limitations dictated by their inability, to (1) reliably handle transient communication failures and rapid : node reboots, (2) provide a transmission protocol that adapts to link reliability, and (3) allow transmissions to occur over an arbitrary combinations of communication links. The systems and methods described herein solve these problems by providing a reliable node-to-node session protocol that offers high performance message delivery and multi-interface management and support. This is done by transmitting all data between two nodes of the operating system over a single connection that may dynamically exploit multiple interfaces between the nodes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.948/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SYSTEM FOR EXECUTING CODE DURING OPERATING SYSTEM INITIALIZATION

(51) International classification

:G06F9/44

(31) Priority Document No

:11/145,373

(32) Priority Date

:03/06/2005

(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)QNX Software Systems GmbH & Co. KG

Address of Applicant :Becker Gorin g-strasse 16, 76703 Karlsbad,

Germany Germany

(72)Name of Inventor :

1)VAN DER VEEN, Peter,

2)ETHIER, Sheridan,

3)STECHEER, Brian,

4)EDMOND, Brain,

(57) Abstract :

A system for meeting demanding boot time requirements, such as those timing requirement mandated by vehicel telematics systems, is described. Current computer systems use expensive hardware like coprocessors to service requests, such as input/output requests, that have timing requirements which are less than the time required to load the operating system into memory. Instead, a mini-driver may be initailized early in the boot process before the operating system is loaded, to service these requests. For examble, the mini-driver may buffer incoming data, and/or reply to incoming messages. After the operating system has loaded, a second device driver may be initialized,and the mini-driver may be transitioned to the second driver.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.949/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD FOR EVALUATING THE ACIDITY OF OIL SAMPLES BY ISOTOPIC LABELLING

(51) International classification	:C07B59/00	(71)Name of Applicant :
(31) Priority Document No	:05/05,683	1)INSTITUTE FRANCAIS DU PETROLE
(32) Priority Date	:02/06/2005	Address of Applicant :1&4, Avenue De Bois-Preau, F-92852 Rueil
(33) Name of priority country	:France	Malmaison Cedex, France France
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SCHAEFFER, Philippe,
(87) International Publication No	: NA	2)ALBRECHT, Pierre,
(61) Patent of Addition to Application Number	:NA	3)ROUQUETTE, Nicolas,
Filing Date	:NA	4)KOWALEWSKI, Isabelle
(62) Divisional to Application Number	:NA	5)FAFET, Anne,
Filing Date	:NA	

(57) Abstract :

INSTITUT FRAN~AIS DU PETROLE METHOD FOR EVALUATING THE ACIDITY OF OIL SAMPLES BY ISOTOPIC LABELLING Inventors: Nicolas ROUQUETTE, Philippe SCHAEFFER, Isabelle KOWALEWSKI, Anne F AFET and Pierre ALBRECHT ABSTRACT -Method for evaluating the acidity of oil samples in small amounts, applicable at any stage of the petroleum industry. -It comprises labelling by an isotope of a chemical element present in at least one acid function present in petroleum samples. Isotopic enrichment of the samples is then determined by isotope ratio mass spectrometry (IRMS). The acidity of the samples is deduced therefrom. This method is an alternative to the measurement of the Total Acid Number (TAN). In particular, it represents the only possibility to reliably measure the acidity of oil samples available in small amounts. -Application to the economic evaluation of a hydrocarbon production field. -Application to the determination of the carbon range responsible for the acidity of a crude. -Application to monitoring of the evolution of the acid distribution of a site polluted by hydrocarbons.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.950/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LIFT CAGE WITH LOWERABLE CAGE ROOF

(51) International classification

:A61K31/517,
C07D239/72

(31) Priority Document No

:05104869.2

(32) Priority Date

:03/06/2005

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:NA

Filing Date

:NA

(87) International Publication No

: NA

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)INVENTIO AG

Address of Applicant :Seestrasse 55, CH-6052 Hergiswil, Switzerland

Switzerland

(72)Name of Inventor :

1)SITTLER, DENIS,

(57) Abstract :

Lift cage (3) with an at least partly lowrable cage roof (4.1) serving in the lowered state as a maintenance platform, The lift cage (3) comprises, at the lowerable cage roof (4.1) at least one device (20) mechanically stabilising the lowerable cage roof (4.1) against movements in a horizontal plane

(12) PATENT APPLICATION PUBLICATION

(21) Application No.951/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND DEVICE FOR MANUFACTURING SAWTOOTH CARD CLOTHING AND ALL-STREEL CARD CLOTHING AS WELL AS SAWTOOTH WIRE

(51) International classification	:D01G15/84,15/88	(71) Name of Applicant :
(31) Priority Document No	:10 2005 025 627	1)Graf+ Cie AG
(32) Priority Date	:03/06/2005	Address of Applicant :Box 1540, CH-8640 Rapperswil, Switzerland
(33) Name of priority country	:Germany	Switzerland
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)Graf, Ralph, Armin
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention relates to a method for manufacturing sawtooth card clothings and all-steel card clothings for processing textile fibers especially in a carding process, wherein a sawtooth wire is produced by generating teeth on a wire blank sequentially behind one another in a longitudinal direction of the wire blank, wherein the teeth extend transversely to the longitudinal direction from a base area. The sawtooth wire produced in this manner is subjected at least in the area of the teeth to a hardening process. The hardening process is carried out in an inert gas atmosphere in the area of the sawtooth. The sawtooth wire preferably travels through a heating chamber.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.952/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USE OF CAESIUM-EXCHANGED FAUJASITE TYPE ZEOLITES FOR INTENSE DESULPHURIZATION OF A GASOLINE CUT

(51) International classification	:B01J23/888; C10G45/02; C10G49/00	(71) Name of Applicant : 1)Institute Francais Du Petrole Address of Applicant :4 Avenue De Bois Preau, 92852 Rueil Malmaison Cedex, France France
(31) Priority Document No	:05/05,677	(72) Name of Inventor :
(32) Priority Date	:02/06/2005	1)Thomas, Michael,
(33) Name of priority country	:France	2)Nicolaos, Alexandre,
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

The invention describes the application of caesium-exchanged X,Y or LSX type faujasite zeolites for intense desulphurization of FCC gasoline, and to a method for preparing siad zeolites.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.953/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DISTIBUTED KERNEL OPERATING SYSTEM

(51) International classification

:G06F9/44

(31) Priority Document No

:11/145,293

(32) Priority Date

:03/06/2005

(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)QNX Software System GmbH & Co., KG

Address of Applicant :Becker Goring-Strasse 16, 76703 Karlsbad,

Germany Germany

(72)Name of Inventor :

1)Boyd, Andrew,

(57) Abstract :

5 ABSTRACT An improved distributed operating system over a network of computer systems is described. Existing distributed operating systems have transmission performance limitations dictated by their inability to (1) reliably handle transient communication failures and rapid node reboots, (2) provide a transmission protocol that adapts to link reliability, and (3) allow transmissions to occur over an arbitrary combinations of communication links. The systems and methods described herein solve these problems by providing a reliable node-to-node session protocol that offers high performance message delivery and multi-interface management and support. This is done by transmitting all data between two nodes of the operating system over a single connection that may dynamically exploit multiple interfaces between the nodes.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.954/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :01/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD AND APPARATUS FOR RECOVERING ENERGY FROM WASTE MATERIALS BY COMBUSTION USING A PORTION OF TERTIARY AIR

(51) International classification

:A61K31/517,
C07D239/72

(31) Priority Document No

:11/149,229

(32) Priority Date

:10/06/2005

(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)Cemex Trademarks Worldwide Ltd.

Address of Applicant :Romerstrasse 13, 2555 Brug, Switzerland
Switzerland

(72)Name of Inventor :

1)Torrees Alemany, Jose

2)Martinez Vera, Enrique Ramon

(57) Abstract :

A method and apparatus for using in rotary kilns having a calciner and a tertiary air duct, which uses the hot air from the tertiary air duct for burning waste materials in a combustion chamber formed therein, achieving a complete combustion of the waste materials and discharging the hot combustion gas to the tertiary air duct for its use as supplemental energy source by the rotary kiln.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.974/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :06/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : INTAKE STRUCTURE IN FUEL CELL POWERED VEHICLE AND MOTORCYCLE WITH FUEL CELL MOUNTED THEREON

(51) International classification	:H01M8/04,B60K1/04,H01M8/10	(71)Name of Applicant :
(31) Priority Document No	:2005-165223	1)HONDA MOTOR CO., LTD.
(32) Priority Date	:06/06/2005	Address of Applicant :1-1Minami-Ayoama 2-Chome, Minato-Ku,Tokyo
(33) Name of priority country	:Japan	107-8556 Japan
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)SHIMIZU, Masahiro
(87) International Publication No	: NA	2)HORII, Yoshiyuki
(61) Patent of Addition to Application	:NA	3)MORIMOTO, Jun
Number	:NA	4)IMAO, Ranju,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

An intake structure in a fuel cell powered vehicle including a fuel cell using air and hydrogen as fuels, a supercharger for compressing the outside air and outputting the compressed air, a humidifier for humidifying the air compressed by the supercharger, a bypass passage for connecting the supercharger and the fuel cell to each other, and a bypass valve for opening and closing the bypass passage. The bypass valve is disposed on the outside relative to a straight line T1 connecting between the supercharger and the humidifier, and is disposed in the vicinity of the supercharger and the humidifier. With this configuration supercooling of a humidifier can be prevented, while eliminating the need for a warming member for the humidifier. further, the intake system members can be efficiently arranged in the vehicle, while suppressing the pressure loss in the intake system.

(54) Title of the invention : BOX

(51) International classification	:B65D5/00	(71) Name of Applicant :
(31) Priority Document No	:EP05104892.4	1)VANHOUTTLE, Guy
(32) Priority Date	:06/06/2005	Address of Applicant :Hazeveld 2, B-1600 Oudenaken, Belgium Belgium
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)VANHOUTTLE, Guy
Filing Date	:NA	
(87) International Publication 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 box, in particular a pastry box, comprising a cover lid and a base recipient, said cover lid being removable applied on said base recipient, said cover lid comprising a first side and a second side, said first and second side having a common edge, a border of said coverlid, situated opposite to said common edge, being provided with a strip, said strip being provided with at least one protrusion extending offset from a borderline of said strip, on said protrusion there being applied a cam having a front side extending in a direction substantially parallel to said first side when said strip extends substantially perpendicular with respect to said first side in such a manner as to extend inside said base recipient when said cover lid is mounted on said base recipient, said front side being situated offset from said borderline, said base recipient being provided with a first set of openings applied on a side of said base recipient and dimensioned in such a manner as to enable said protrusion to penetrate through said opening, said front side of each of said cams forming a hinge line (h2) for said cover lid when said protrusions have penetrated through said openings. Figure 4

(54) Title of the invention : METHOD AND APPARATUS FOR FORMING SHEET METAL

(51) International classification	:B21D13/04	(71)Name of Applicant :
(31) Priority Document No	:2005-167542	1)AMINO CORPORATION
(32) Priority Date	:07/06/2005	Address of Applicant :555, Misonodaira, Fujinomiya-shi, Shizuoka 418-0004, Japan Japan
(33) Name of priority country	:Japan	(72)Name of Inventor :
(86) International Application No	:NA	1)AMINO,Hiroyuki,
Filing Date	:NA	2)Matsubara, Shigeo
(87) International Publication No	: NA	3)LU, Yan,
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

In order to provide a method and apparatus for forming a sheet metal, in which a three-dimensional product such as a prototype for commercialized press-forming can be formed in short time without limitations as to the shape and with high accuracy, preventing body wrinkles or reduction of the sheet thickness, a process of: performing drawing-forming to a predetermine height by pushing the forming punch having a desired shape in the sheet thickness direction with the edges of the blank workpiece being clamped; performing shape-forming with the shaping tool in the opposite side to the forming punch by increasing a clamping pressure to lock movement of a material with the forming punch being pushed; performing drawing-forming again by decreasing the clamping pressure and raising the forming punch by a desired height; and performing shape-forming with the shaping tool by increasing the clamping pressure to lock movement of a material, is repeated at least once.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.984/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WHEEL FOR DRIVING A FLEXIBLE HANDRAIL

(51) International classification	:B66B23/00,23/04	(71) Name of Applicant :
(31) Priority Document No	:05104963.3	1)INVENTIO AG
(32) Priority Date	:07/06/2005	Address of Applicant :Seestrasse 55, CH-6052 Hergiswil, Switzerland
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:NA	1)NOVACEK, Thomas
Filing Date	:NA	2)ILLEDITS, Thomas,
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wheel (10) for driving a flexible handrail of an escalator or moving walk. The wheel 10 has a power transmission element (40) that can be turned about an axis of rotation and that has on its circumference a contact surface (42) through which an outwardly acting radial force can be exerted. In addition, the wheel (10) has two base sheaves (20,21) that are arranged coaxially to the power transmission element (40). Each base sheave (20,21) has a plurality of slits (26) which are arranged in the outer edge area of the base sheave (20,21) and directed toward the axis of rotation. The slits (26) of one base sheave (20) form with the slits (26) of the other base sheave (21) slit pairs (27). The wheel (10) has a circumferential cover (60) against at least part of whose inside surface (64) the contact surface (42) of the power transmission element (40) rests. A plurality of pins (80) is arranged in the circumferential cover (60), one pin (80) engaging in each respective slit pair (27)

(12) PATENT APPLICATION PUBLICATION

(21) Application No.985/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :07/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : WHEEL FOR DRIVING A FLEXIBLE HANDRAIL

(51) International classification	:B66B23/00,23/04	(71)Name of Applicant :
(31) Priority Document No	:05104965.8	1)INVENTIO AG
(32) Priority Date	:07/06/2005	Address of Applicant :Seestrasse 55, CH-6052 Hergiswil, Switzerland
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:NA	1)NOVACEK, Thomas
Filing Date	:NA	2)ILLEDITS, Thomas
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

Wheel (10) for driving a flexible handrail of an escalator or moving walk. The wheel (10) can be turned about an axis of rotation and has a readily elastically deformable layer (30). The readily elastically deformable layer (30) is formed by a body that in itself is stable in form when it is free of stress. Arranged adjacent to an inner circumferential surface (31) of the readily elastically deformable layer (30) is an inner layer (20) that is stiffer than the readily elastically deformable layer (30). Adjacent to an outer circumferential surface is an outer layer (40) that is intended to rest against the handrail under static friction. Respective adjacent layers (20, 30, or 30, 40) are coupled to each other in non-rotating manner.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.993/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SEAL AND SYSTEM OF SEALING LIPS ARRANGED IN SERIES

(51) International classification	:F16J15/00,F16C33/00	(71) Name of Applicant :
(31) Priority Document No	:05012434.6	1)Carl Freudenberg KG
(32) Priority Date	:09/06/2005	Address of Applicant :Hohnerweg 2-4, 69469 Weinheim, Germany
(33) Name of priority country	:EUROPEAN UNION	Germany
(86) International Application No	:NA	(72) Name of Inventor :
Filing Date	:NA	1)VOGT, Rolf
(87) International Publication No	: NA	2)URBANSKI, Volker,
(61) Patent of Addition to Application Number	:NA	3)SATTLER, Holger,
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A seal comprising at least two sealing lips (1,2) a first sealing lip (1) and a second sealing lip (2) being arranged in series, is described in view of the object to provide a sealing system which ensures a problem-free operation with a long service life at the same time. The novel seal is characterized in that the sealing lips (1,2) are made of different materials. A system, which includes such a seal, is assigned to a rotatable shaft (3), at least two sealing lips (1,2) sealing off two spaces (10,11,12) against each other.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.995/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : TRANSPARENT MOLDING COMPOSITION

(51) International classification	:C08K5/10	(71)Name of Applicant :
(31) Priority Document No	:102005026264.3	1)Degusssa AG
(32) Priority Date	:08/06/2005	Address of Applicant :Bennigsenplatz 1, D-40474 Munster, Germany
(33) Name of priority country	:Germany	Germany
(86) International Application No	:NA	(72)Name of Inventor :
Filing Date	:NA	1)ALTING, Kirsten,
(87) International Publication No	: NA	2)BAUMANN, Franz-Erich,
(61) Patent of Addition to Application Number	:NA	3)BOLLMANN, Sonja
Filing Date	:NA	4)DOWE, Andreas,
(62) Divisional to Application Number	:NA	5)WURSCHE, Roland,
Filing Date	:NA	6)SCHAFFER, Georg,

(57) Abstract :

The invention relates to the use of a polymede molding composition which comprises the following comonents at most 90 parts by weight of a polyamide obtainable from a lactam or from an amino carboxylic acid having at least 10 carbon atoms; and from 10 to 100 parts by weight of PA 1010, where components a) and b) give a total of 100 parts by weight for production of aprintable or printed item, for example a ski topcoat or a decorated composite component of a motor vehicle.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.996/CHE/2006 A

(19) INDIA

(22) Date of filing of Application :08/06/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MODULAR PLASTIC CONVEYOR BELT SUITABLE FOR TIGHT TURNS

(51) International classification (31) Priority Document No (32) Priority Date (33) Name of priority country (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date	:B65G15/00,B65G17/00 :11/160,096 :08/06/2005 :U.S.A. :NA :NA :NA :NA :NA :NA :NA	(71)Name of Applicant : 1)LAITRAM, L.L.C Address of Applicant :220 Laitram Lane, Harahan, Louisiana 70123, U.S.A. (72)Name of Inventor : 1)KNOTT, Errol, P., 2)DAILEY, R., Scott, 3)KLEIN, Richard, M., 4)MACLACHLAN, Gilbert, j.,

(57) Abstract :

A modular plastic conveyor belt having an A-shaped edge portion in belt edge modules along each belt row for tight collapse of the belt at the inside of a turn. The A-shaped region comprises two alternating series of laterally space links, each extending from opposite ends of the edge module. Each of the first series of links forms an acute angle measured clockwise from the firection of belt travel. Each of the second series of links forms an acute angle measre counterclockwise from the direction of belt travel. The angles decrease monotonically with distance inward of the first side of the belt edge. Laterally extending webs join the ends of consecutive convergine links along an end of the module. The lateral extent of the webs increases monotonically inward from a first side edge of the belt. A cross bars extends between each pair of web-joined links. First cross bars between links joined at a first end of the module lie along a first imaginary line; second cross bars between links joined at an opposite second end of the module lie along a second imaginary line. The two imaginary lines converge inward from the first side edge of the belt to form deeper gaps toward the first side edge for tighter belt collapse at the inside of a turn.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.IN/PCT/2001/1071/CHE A

(19) INDIA

(22) Date of filing of Application :27/07/2001

(43) Publication Date : 08/06/2007

(54) Title of the invention : A PROCESS FOR SECONDARY REFORMING REACTIONS FOR THE PRODUCTION OF SYNTHESIS GAS

(51) International classification	:C01B 3/38
(31) Priority Document No	:99200369.9
(32) Priority Date	:10/02/1999
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2000/000145
Filing Date	:10/02/2000
(87) International Publication No	:WO/2000/047517
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)CASALE CHEMICALS S.A.
Address of Applicant :Via Sorengo, 7 CH-6900 Lugano-Besso.
Switzerland
(72)**Name of Inventor :**
1)BEDETTI, Gianfranco

(57) Abstract : A process for carrying out secondary reforming reactions for the production of synthesis gas wherein a gas flow comprising oxygen and a gas flow comprising hydrocarbons are fed into a combustion chamber and are reacted upon mixing, thus obtaining a gas flow comprising hydrogen and carbon monoxide fed in turn to a catalytic bed for carrying out a steam reforming reaction, is distinguished in that it comprises the steps of: feeding the gas flow comprising oxygen in the combustion chamber in the form of a plurality of jets not laid the one upon the other with respect to the direction of the flow comprising hydrocarbons and generated by corresponding parallel streamtubes having equal velocity; splitting the plurality of jets within the gas flow comprising hydrocarbons in the combustion chamber so as to mix the gas flow comprising oxygen with amounts of gas flow comprising hydrocarbons at local constant ratio.

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00822/CAL/1992
(22)	Date of filing of Application: 09/11/1992	(43)	Publication Date: 08/06/2007

A

(54) **Title of the invention:** : **“AN EXPLOSIVE DEVICE AND A PROCESS OF MANUFACTURE THEREOF”**

(51)	International classification	: F42C 19/00	(71)	Name of Applicant:
(31)	Priority Document No	: N.A		IBP COMPANY LIMITED
(32)	Priority Date	: N.A		Address of the Applicant:
(33)	Name of priority country	: N.A		8, NETAJI SUBHASH ROAD, CALCUITTA-
(86)	International Application No and Filing Date:	: NIL		700001
(87)	International Publication No	: NIL	(72)	Name of the Inventor: DR. KUNDAN LAL PATEL
(61)	Patent of addition to Application No	: NIL		
	Filed on	: NIL		Filed U/S 5(2) before The
(62)	Divisional to Application No	: NIL		Patents (Amendment)
	Filed on	: NIL		Act,2005: NO

(57) **Abstract:** This invention relates to a process for the manufacture of an explosive device for use as an explosive charge and/or as a booster for initiating the main explosive charge in bulk or in packaged form.

Boosters generally known in the art are capable of initiating the main explosive charge or explosive cartridge. Such boosters comprised a mixture of trinitrotoluene (TNT), pentaerythritol tetra nitrate (PETN) in the ratio of 1:1. This mixture is filled in a vertical cylindrical casing having a central housing for accommodating a detonator cord. Such boosters are normally used for mining applications.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 01027/CAL/1998****A****(22) Date of filing of Application: 10/06/1998****(43) Publication Date: 08/06/2007**

(54) Title of the invention: : **“AN IMPROVED DEVICE FOR HEAT INSULATION OF LADLE COVER AND A METHOD OF CONSTRUCTING THE SAME”**

(51) International classification : **B22D 41/00****(31) Priority Document No** : **NIL****(32) Priority Date** : **NIL****(33) Name of priority country** : **NIL****(86) International Application No and Filing Date:** : **NIL****(87) International Publication No** : **NIL****(61) Patent of addition to Application No** : **NIL****Filed on** : **NIL****(62) Divisional to Application No** : **NIL****Filed on** : **NIL**

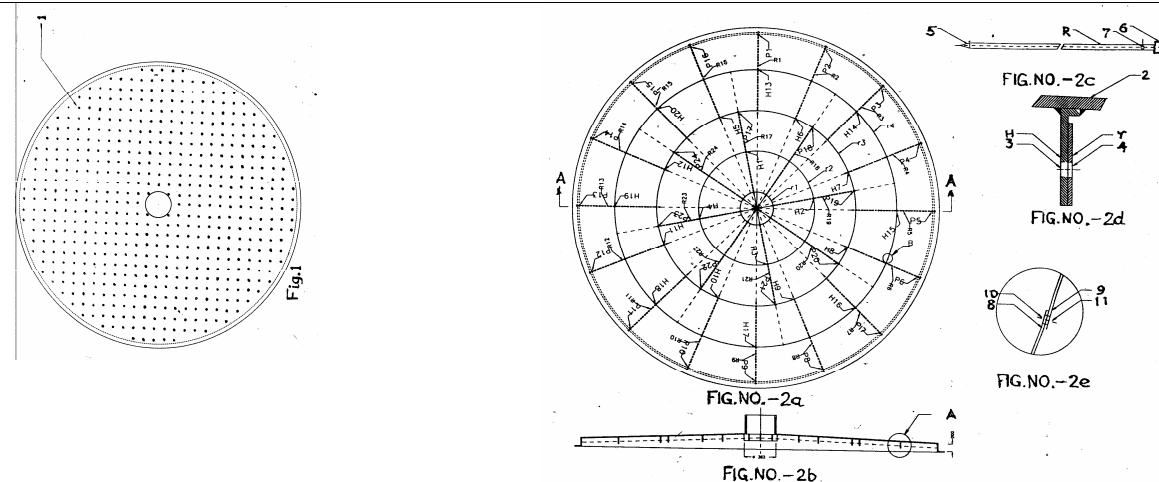
(71) Name of Applicant: STEEL AUTHORITY OF INDIA LIMITED RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, A GOVT. OF INDIA ENTERPRISE
Address of the Applicant: ISPAT BHAWAN, LODHI ROAD, NEW DELHI-110003,

(72) Name of the Inventor: 1. AWADHESH PRASAD SINGH
2. PRABHAT KUMAR DUBEY
3. INDRA NATH PRASAD GUPTA
4. PRABHAS KUMAR,
5. MRINAL SEN

Filed U/S 5(2) before The Patents (Amendment) Act, 2005: NO

(57) Abstract: An improved device for heat insulation of ladle cover, characterised in that the device comprises multiple layers of strips of ceramic fibre blanket wrapped tightly around the outer peripheral surface of four concentric metallic rings (r1 to r4) of increasing diameter and held in position with respect to said rings by means of twenty four metallic rods (R1 to R24) inserted into the said rings and the layers of ceramic fibre strips wrapped around the rings to form a dish—like body which is kept

suspended with its horizontal plane parallel to the inner surface of the ladle cover by means of twenty hangers (H1 to H20) each having its one end fixed to the inner surface of the ladle cover and other end to the junction of a rod and ring laid in the said dish—like body formed. A method of constructing the improved device is also disclosed.



(FIG. 1, 2a, 2b, 2c, 2d, 2e)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 02218/CAL/1998****A****(22) Date of filing of Application: 28/12/1998****(43) Publication Date: 08/06/2007**

(54) Title of the invention: : **“A DEVICE FOR HOLDING ELECTRICAL HEATING ELEMENT COILS INSIDE FURNACES FOR ANNEALING STEEL PRODUCTS**

(51) International classification : C21D 1/00

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

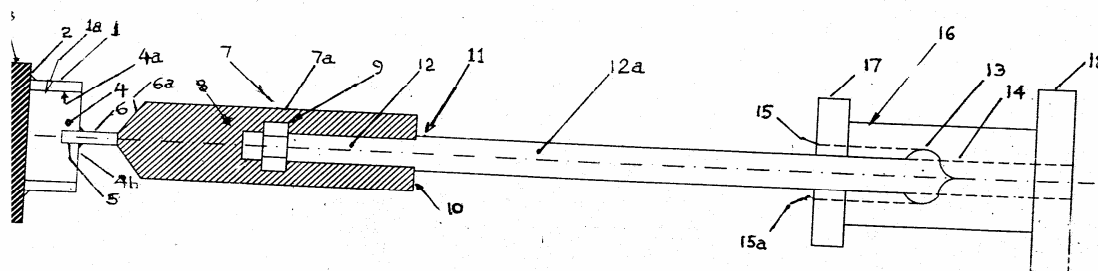
Filed on : NIL

(71) Name of Applicant: STEEL AUTHORITY OF INDIA LIMITED RESEARCH & DEVELOPMENT CENTRE FOR IRON & STEEL, A GOVT. OF INDIA ENTERPRISE
Address of the Applicant: ISPAT BHAWAN, LODHI ROAD, NEW DELHI-110003,

(72) Name of the Inventor: 1. PURIMETLA CHINTAISH,
2. ANUP KUMAR BHATTACHARYA
3. BAGALA NAND CHOWDHURY

Filed U/S 5(2) before The Patents (Amendment) Act,2005: NO

(57) Abstract: A device for holding electrical heating element coils inside furnaces for annealing steel products, characterised in that the device comprises a metallic socket I having a threaded round bore Ia, fixed to the inner surface 2 of furnace shell 3 by welding; a metallic plug 4 having a threaded round surface 4a and a flat surface 4b with a groove 5 cut along a diameter thereof, fitted into the socket like a bolt in a nut; a whistle—shaped metallic pipe 7 having a narrower round end 6 fixed perpendicularly to the flat surface 4b of the plug 4 at the centre of the groove 5 by welding, a conical part 6a and a cylindrical wider part 7a; a non—metallic bush 8 with a hexagonal nut 9 embedded therein, fitted tightly in the conical and cylindrical parts of the pipe 7 being introduced through the open end 10 thereof; a round metallic rod 11 having a narrower threaded part 12 which is introduced into the bush 8 from the open end 10 of the pipe 7 and fixed therein by screwing into the hexagonal nut 9, and an unthreaded wider part 12a with a flared end 13; and a non—metallic bobbin 16 having a narrower flange 17, a wider flange 18, a central bore 14 extended throughout the bobbin length and two slots 15, 15a cut on the wall of the central bore 14 in the diametrically opposite positions starting from the narrower flange 17 and extending up to the middle part of the bobbin length, into which the flared end. 13 of the unthreaded wider part 12a of the rod 11 is introduced upto the middle part of the bobbin length and fixed in the central bore 14 by turning the bobbin 90° around the axis thereof, the space along the bobbin length lying between the narrower and, wider flanges being provided for holding the electrical heating element coils of super kantbal by winding there around at a pitch 64 mm for heating uniformly different zones inside the furnaces, to a temperature of 95000 in ambient atmosphere.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.00430/KOL/2000****A****(22) Date of filing of Application: 28/07/2000****(43) Publication Date: 08/06/2007**

(54) Title of the invention: : **A NOVEL CRYSTALLINE FORM OF 6-HYDROXY-3-(4-2-(PIPERIDIN-1-YL) ETHOXY] PHENOXY) -2-(4- METHANOXYPHENYL) BENZO [b] THIOPHENE HYDROCHLORIDE**

(51) International classification : **A61K31/4535**

(31) Priority Document No : **60/146,286**
60/147,570
60/149,773

(32) Priority Date : **29/07/1999,**
06/08/1999,
19/08/1999

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

(86) International Application No and Filing Date: : **NIL**

(87) International Publication No : **NIL**

(61) Patent of addition to Application No : **NIL**

Filed on : **NIL**

(62) Divisional to Application No : **NIL**

Filed on : **NIL**

(71) Name of Applicant:

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Address of the Applicant: LILLY
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(72) Name of the Inventor: 1. BUSH JULIE KAY,

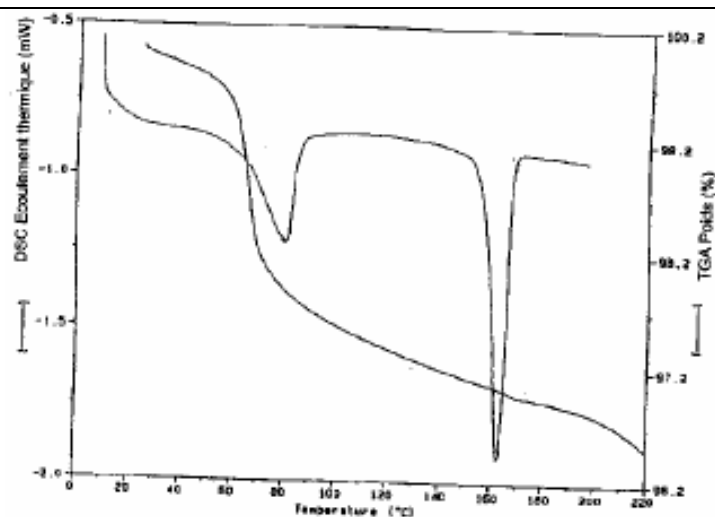
2. CONRAD PRESTON CHARLES

3. FLOM MERLYN GERARD

4. LUKE WAYNE DOUGLAS,

Filed U/S 5(2) before The
Patents (Amendment)
Act,2005: NO

(57) Abstract: The present invention is directed to a novel crystalline hydrate of 6-hydroxy-3- (4- [2- (piperidin-1- yl) ethoxy]phenoxy) -2- (4-methoxyphenyl)benzo [b] thiophene hydrochloride and uses for same, including inhibition of disease states associated with estrogen deprivation including cardiovascular disease, hyperlipidemia, and osteoporosis; and inhibition of other pathological conditions such as endometriosis, uterine fibrosis, estrogen-dependent cancer (including breast and uterine cancer), prostate cancer, benign prostatic hyperplasia, CNS disorders including Alzheimer's disease, prevention of breast cancer, and up-regulating ChAT.



(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00039/KOL/2001

A

(22) Date of filing of Application: 23/01/2001

(43) Publication Date: 08/06/2007

(54) Title of the invention: : "MICROWAVE TEA DRYER"

(51) International classification : F26 23/08

(31) Priority Document No : NIL

(32) Priority Date : NIL

(33) Name of priority country : NIL

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: a) BHUYAN DR. MANABENDRA

b) CHOUDHURY DR. AMARJYOTI

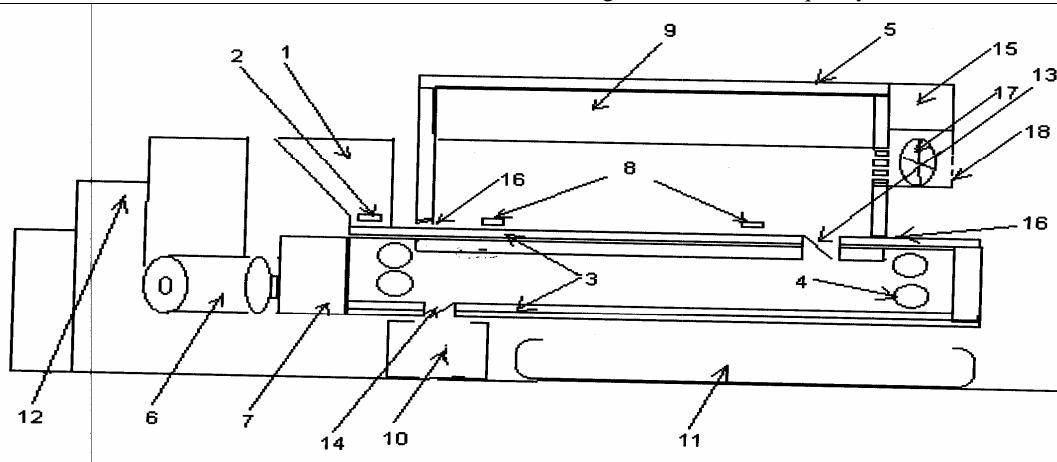
Address of the Applicant: TEZPUR UNIVERSITY, PIN-784 001, STATE OF ASSAM

(72) Name of the Inventor: a) BHUYAN DR. MANABENDRA

b) CHOUDHURY DR. AMARJYOTI

Filed U/S 5(2) before The Patents (Amendment) Act,2005: NO

(57) **Abstract:** A microwave tea dryer comprising means for generating microwave radiation which is adapted to fall on tea to be dried whereby the radiation hits the liquid molecule/volatile, compound to thereby vibrate and generate heat to cause drying of the tea. The dryer utilizes a process of heating by vibration by means of microwave radiation and not by heat transfer mechanism to achieve higher efficiency. Importantly, since in the tea dryer such vibration does not take place if the material does not contain liquid, there is no unnecessary heating in the absence of liquid i.e. water and there is also thus no chance of overheating of the tea. The tea dryer is free of noise during operation and is environment friendly apart from protecting the material from any atmospheric/fuel contamination. The tea dryer is directed to provide for simple, cost- effective and efficient drying of materials/substances such as tea and the like without affecting the character and quality of the tea.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 22/01/2002

(21) Application No.: 00038/CAL/2002

(43) Publication Date: 08/06/2007

A

(54) Title of the invention: : A FILE LIST DISPLAY APPARATUS AND METHOD

(51) International classification : G11B 27/34,
33/10,
20/10,27/10,19/02

(31) Priority Document No : 2001-30284

(32) Priority Date : 31/05/2001

(33) Name of priority country : KOREA

(86) International Application No
and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application
No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

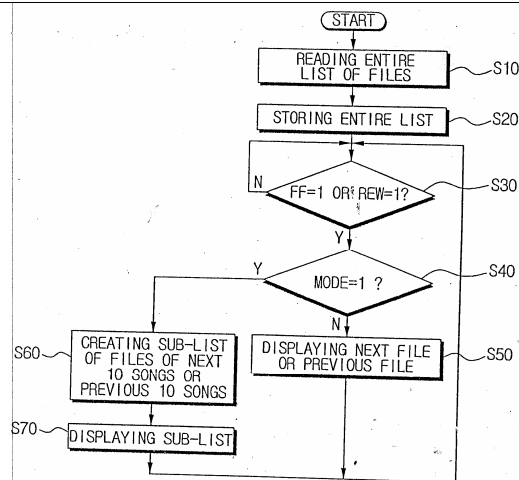
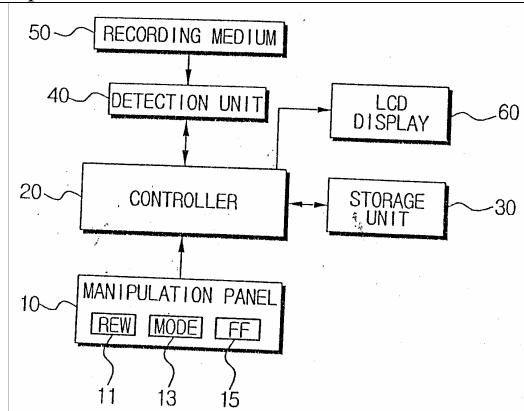
(71) Name of Applicant: SAMSUNG
ELECTRONICS CO. LTD.,
Address of the Applicant: 416, MAETAN-
DONG, PALDAL-GU, SUWON-CITY,
KYUNGKI-DO, KOREA

(72) Name of the Inventor: KIM JONG-PHIL

Filed U/S 5(2) before The
Patents (Amendment)
Act, 2005: NO

(57) Abstract: A file list display apparatus comprises an input for inputting a display command for displaying a sub-list having a predetermined number of files selected in an entire list of the files recorded in a recording medium (50) a display unit (60); a controller (20) for creating the sub-list from the entire list, and controlling the display unit to successively display each of the sub-lists different from each other through the display unit whenever the display command is input through the input unit; wherein in said apparatus, each of the sub-list is created by grouping the files successively listed in the entire list by the predetermined number of the files.

A file list display method comprises the steps of: reading an entire list of files recorded in a recording medium (50); creating a sub-list having a pre-determined number of files selected in the entire list whenever a display command is input; and successively displaying each of the sub-lists different from each other created in the creating step whenever the display command is input.



(FIG.1, 2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00241/CAL/2002

A

(22) Date of filing of Application: 29/04/2002

(43) Publication Date: 08/06/2007

(54) Title of the invention: : HIGH TEMPERATURE SUPERCONDUCTING RACETRACK COIL

(51) International classification : H01F 7/06

(31) Priority Document No : 09/854,464

(32) Priority Date : 15/05/2001

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

(86) International Application No and Filing Date: : NIL

(87) International Publication No : NIL

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant: GENERAL ELECTRIC COMPANY,
Address of the Applicant: ONE RIVER ROAD,
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(72) Name of the Inventor:

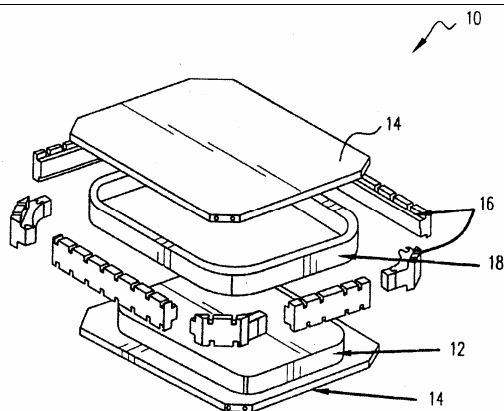
1. LASKARIS EVANGELOS
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Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

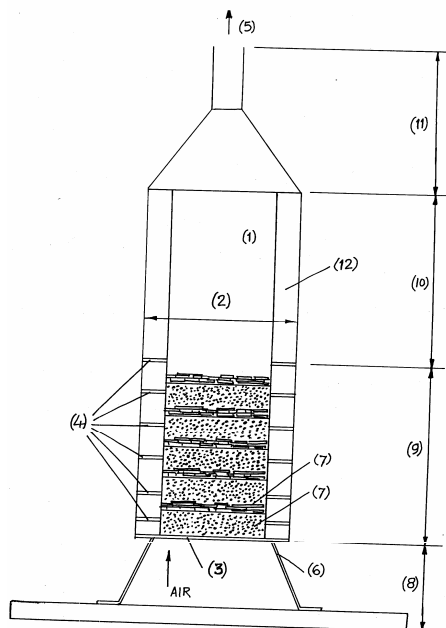
(57) Abstract: A racetrack shaped high temperature superconducting (HIS) coil is fabricated by layer winding HIS tape (18) under tension on a precision coil form with a binder such as pre-preg filament-ply interlayer insulation. The coil form includes a racetrack shaped bobbin (12), two side plates (14) and a series of blocks (16) that define the outside surface of the coil. The outside surface of the winding is over-wrapped with a copper foil bonded to heat exchanger tubing. The coil is baked in the coil form to cure the epoxy then released from the coil fixation. The resulting coil structure is a strong winding composite built to close tolerance dimensions.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00341/KOL/2005****A****(22) Date of filing of Application: 21/04/2005****(43) Publication Date: 08/06/2007****(54) Title of the invention: : AN APPARATUS AND METHOD FOR PRODUCING A SACRED ASH****(51) International classification : E04H12/00****(31) Priority Document No : NIL****(32) Priority Date : NILN****(33) Name of priority country : NIL****(86) International Application No : NIL
and Filing Date:****(87) International Publication No : NIL****(61) Patent of addition to Application
No :****Filed on : NIL****(62) Divisional to Application No : NIL****Filed on : NIL****(71) Name of Applicant: BHARAT HEAVY
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INDIA****(72) Name of the Inventor:****1. SRINIVASAN SUNDARAJAN****2. BALASUBRAMANYA****RAVIKUMAR****3. MANIVEL PILLAI RAJAVEL****4. KUMARASAMY REJENDRAN****5. PATTATHAN MANI.****Filed U/S 5(2) before The
Patents (Amendment)
Act,2005: NO**

(57) Abstract: An apparatus for producing a sacred ash, comprising a substantially cylindrical vessel (2) having at least one grate opening (3) at a bottom segment, the top segment of the cylindrical vessel (2) being connected to a chimney (5). The bottom segment is fixedly supported by at least two legs (6) so as to maintain a predetermined ground clearance (8). The cylindrical vessel (2) is provided with a plurality of circumferentially configured air aspiration holes (4) in a feed stock region (9), and a ceramic material (12) comprising one of fine clay and an alumina refractory mass at an internal surface of the vessel (2) to act as a thermal insulation. The cylindrical vessel (2) is charged with alternate layers of cow dung feed stock (7) and rice husk followed by Initial Ignition by means of a burning cotton swab doused with oil or coke placed on top of the feed stock (7). The diameter of the cylindrical vessel (2) and a critical feed stock height (9) is maintained at a ratio in the range of 0.1 to 0.075, and a ratio between the critical feed stock height (9) and a free board height provided by the cylindrical vessel (2) is maintained between 0.6 and 1.33.

**(FIG.1)**

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 00427/KOL/2005**

A

(22) **Date of filing of Application: 24/05/2005**

(43) **Publication Date: 08/06/2007**

(54) **Title of the invention: : PROFILE MEASUREMENT IN A CLOSED COMPONENT**

(51) **International classification : G01 N29/18,
G01N17/00**

(31) **Priority Document No : N.A**

(32) **Priority Date : N.A**

(33) **Name of priority country : N.A**

(86) **International Application No and Filing Date: : NIL**

(87) **International Publication No : NIL**

(61) **Patent of addition to Application No : NIL**

Filed on : NIL

(62) **Divisional to Application No : NIL**

Filed on : NIL

(71) **Name of Applicant: BHARAT HEAVY ELECTRICALS LIMITED**

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(72) **Name of the Inventor:**

1. SETHURAMA SRINIVASA

ANANTHAN

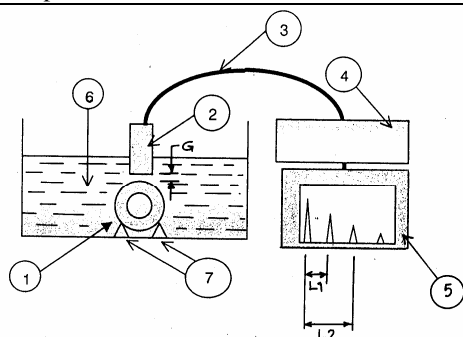
2. NAGAMUTHU DHANASEKARAN

Filed U/S 5(2) before The

Patents (Amendment)

Act: 2005:NO

(57) **Abstract:** There is provided an apparatus for determining internal profile of a closed component, in particular internal profile of a tubular shaped component, comprising: a water tank partially filled with water and accommodating a closed component submerged in the water, an ultrasonic wave generator having a receiver disposed at a gap from the closed component being partially submerged in the water, the generator being operable to transmit and receive sound wave via the water at a direction perpendicular to the lob, the receiver of the wave generator configured to receive the echo generated by the sound wave reflecting back from an interface constituting the water and an outer surface of the component, a first travel time of the first reflected wave being displayed in a display unit; the display unit additionally displaying the echo generated by the transmitted wave and reflected back from an interface constituting an inner surface of the component and the air or water, a second travel time for the second reflected wave received at the receiver before being displayed in the display unit; wherein the displayed data relating to the first travel time of the first reflected wave and to the second travel time of the second reflected wave are multiplied respectively to the velocity of sound in the water and the velocity of sound in the material of the component to arrive at a first and second distance; and wherein the first and the second distances are determined at different positions of the component in submerged mode to determine the inner surface profile of the component.



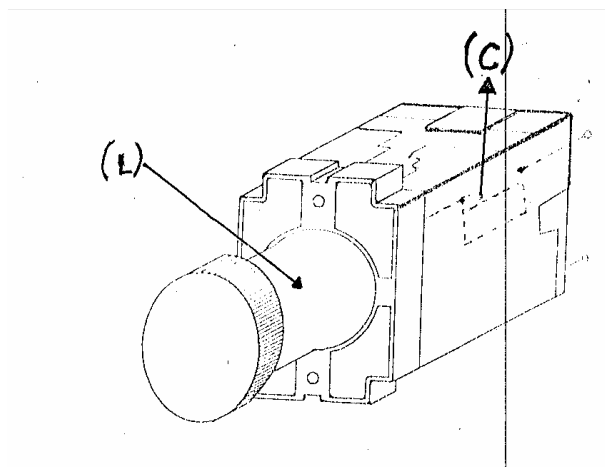
(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(22) Date of filing of Application: 25/07/2005****(21) Application No.: 00660/KOL/2005****A****(43) Publication Date: 08/06/2007****(54) Title of the invention: AN INTEGRALLY MOULDED BREAK AND SHOCK RESISTANT REPLACEABLE LED LAMP**

(51) International classification	: H01L 27/15, 21/00
(31) Priority Document No	: NIL
(32) Priority Date	: Nil
(33) Name of priority country	: Nil
(86) International Application No and Filing Date	: Nil
(87) International Publication No	:
(61) Patent of addition to Application No Filed on	: NIL
(62) Divisional to Application No Filed on	: N.A.

**(71) Name of Applicant:
CHAKRABORTY BIJOY****Address of the Applicant:****1/1B/4 RAM KRISHNA NASKAR LANE KOL-
700 010 STATE OF WEST BENGAL INDIA****(72) Name of the Inventor:
CHAKRABORTY BIJOY****Filed U/S 5(2) before The Patents (Amendment)
Act, 2005: NO****(57) Abstract:**

An integrally molded replaceable LED lamp adapted with luminous output means involving LED lamp based rectifier circuitry (RDs) along with load LED lamps (LLEDs) directed to favour simplicity and cost effectiveness in the manufacture of replaceable LED lamps. Also provides for replaceable LED lamp holder with much simplified construction for use to favour mounting and operative connection to the power supply of the replaceable LED lamp of the invention involving the LED lamp based rectifier circuitry. The replaceable LED lamp of the invention involving solid polymeric (SI) molding and is shock and break resistant and found suitable for use as indicator lamps, signaling, and domestic applications of LEDs such as decorative lamps, night lamps etc. The replaceable LED lamp stem of the invention can further serve as wide scale use and application as indicators and signaling means in various electrical and electronic devices, railways, power generations, steel plants, defense applications, aviation and various other industries.

**(FIG. - 3)**

(12) **PATENT APPLICATION PUBLICATION**

(19) **INDIA**

(21) **Application No.: 01113/KOL/2005**

A

(22) **Date of filing of Application: 07/12/2005**

(43) **Publication Date: 08/06/2007**

(54) **Title of the invention:** : **HEART ASSIST DEVICE, SYSTEMS AND METHODS**

(51) **International classification** : **A61 M1/12**

(31) **Priority Document No** : **PQ0904**

(32) **Priority Date** : **10/06/1999**

(33) **Name of priority country** : **AUSTRALIA**

(86) **International Application No and Filing Date:** : **PCT/AUOO/00654
09/06/2000**

(87) **International Publication No** : **WO 00/76288 A2**

(61) **Patent of addition to Application No** : **NIL**
Filed on : **NIL**

(62) **Divisional to Application No** : **IN/PCT/2001/0119
1/DEL**

Filed on : **24/12/2001**

(71) **Name of Applicant: SUNSHINE
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(72) **Name of the Inventor: 1. PETERS,
WILLIAM, SUTTLE**
**2. MARSH, PETER, CRISPIN,
LAWRENCE**

**3. WHITE, GEOFFREY,
HAMILTON**

**4. MILSOM, FREDERICK,
PAGET**

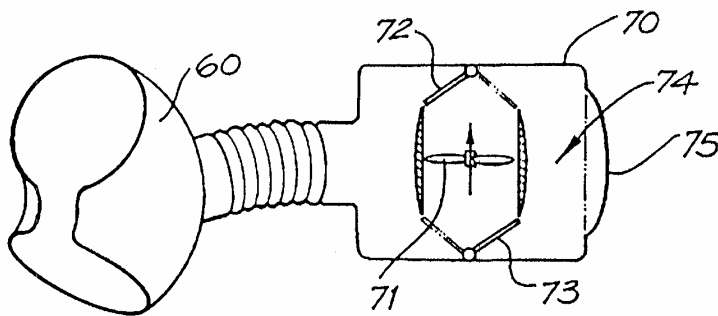
**5. HENRICHSEN,
HANS, HANSFORTH**

6. UNGER, ROLF, GUNNAR

7. SULLIVAN, COLIN, EDWARD

**Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO**

(57) **Abstract:** A heart assist device (10) adapted for implantation into a patient (99). The device (10) includes an aortic compressing means (60) adapted, when actuated, to compress an aorta (15) of a patient (99), a fluid reservoir (74) and a pump means (71) adapted to pump a fluid from the fluid reservoir (74) to the aortic compression means (60) so as to actuate the aortic compression means (60) at least partly counterpulsation with the patient's heart. The fluid reservoir (74) is adapted to be wholly positioned within the chest cavity of the patient (99).



(FIG.1)

(22) **Date of filing of Application: 10/03/2005**

(43) **Publication Date: 08/06/2007**

A

(54) Title of the invention: : COMPRESSOR WITH CAPACITY CONTROL

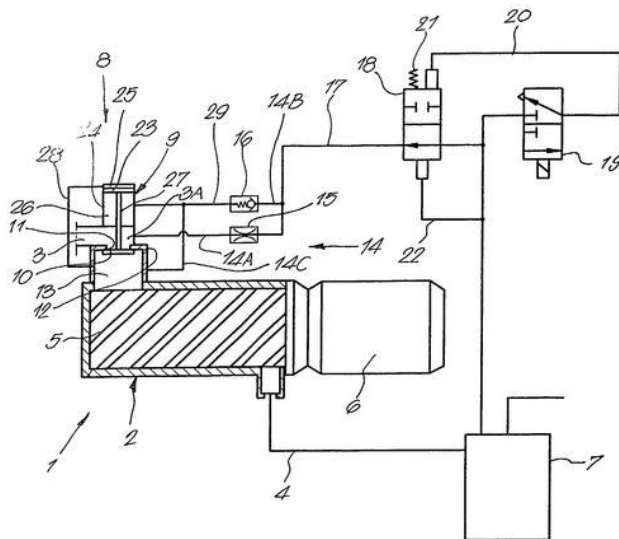
(51)	International classification	:	F04C 29/10
(31)	Priority Document No	:	2002/0495
(32)	Priority Date	:	22/08/2002
(33)	Name of priority country	:	BELGIUM
(86)	International Application No and Filing Date:	:	PCT/BE2003/000129 24/07/2003
(87)	International Publication No	:	WO 2004/018878 A1
(61)	Patent of addition to Application No	:	NIL
	Filed on	:	NIL
(62)	Divisional to Application No	:	NIL
	Filed on	:	NIL

(71)	Name of Applicant: ATLAS-COPCO AIRPOWER₂ Address of the Applicant: NAAMLOZE VENNOOTSCHAP, BOOMSESTEENWEG 957, B-2610 WILRIJK, BELGIUM

(72) **Name of the Inventor: 1. VAN PRAAG,
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**Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO**

(57) Abstract: A compressor containing a pressure regulating system (8) comprising an inlet valve (9); a piston (23) in a cylinder (24) connected thereto; a bridge (14) of this inlet valve (9) with a non-return valve (16) in it, characterized in that the piston (32) is a double-acting piston; the cylinder (24) on the side of the piston (23) turned away from the inlet valve is connected to a part (13) of the rotor chamber (2) situated near the inlet valve (9) via a pipe (28); and the cylinder (26) on the other side of the piston (23) is connected to the above-mentioned part (13) of the rotor chamber (2) and the non-return valve (16) via a pipe (29).



(FIG.1)

(12)	PATENT APPLICATION PUBLICATION		
(19)	INDIA	(21)	Application No.: 00406/KOLNP/2005
(22)	Date of filing of Application: 14/03/2005	(43)	Publication Date: 08/06/2007

A

(54) **Title of the invention:** : **COPPER-BASED METAL FLAKES, IN PARTICULAR COMPRISING ALUMINIUM, AND METHOD FOR PRODUCTION THEREOF**

(51)	International classification	:	C09C 1/66, C09D 5/36	(71)	Name of Applicant: 1.ECKART & CO.KG. 2. STEINER GMBH & CO. KG.
(31)	Priority Document No	:	102 37 957.2		Address of the Applicant:
(32)	Priority Date	:	20/08/2002		1,KAIDERSTRASSE 30, D-90763 FURTH, GERMANY
(33)	Name of priority country	:	GERMANY		2. JAGERSGRUND 1-3, D-57339 ERNDTEBUCK, GERMANY
(86)	International Application No and Filing Date:	:	PCT/EP03/008730 07/08/2003		
(87)	International Publication No	:	WO 2004/026972 A1	(72)	Name of the Inventor: WOLFGANG HERZING
(61)	Patent of addition to Application No	:	NIL		Filed U/S 5(2) before The Patents (Amendment) Act,2005: NO
	Filed on	:	NIL		
(62)	Divisional to Application No	:	NIL		
	Filed on	:	NIL		

(57) **Abstract:** The present invention relates to highly lustrous gold-colored metal effect pigments comprising a copper-based alloy and additional metallic alloy components, preferably aluminum, and which are produced by means of stripping and comminuting metal films deposited in vacuum.

(FIG. nil)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00416/KOLNP/2005****A****(22) Date of filing of Application: 15/03/2005****(43) Publication Date: 08/06/2007**

**(54) Title of the invention: : APPARATUS AND METHOD FOR GENERATING SCRAMBLING CODE
IN UMTS MOBILE COMMUNICATION SYSTEM**

(51) International classification : H04J 13/00
(31) Priority Document No : 1999/27279
(32) Priority Date : 07/07/1999
(33) Name of priority country : KOREA
**(86) International Application No and Filing Date: : PCT/KR00/00735
07/07/2000**
(87) International Publication No : WO/01/005079

(61) Patent of addition to Application No : NIL
Filed on : NIL

(62) Divisional to Application No : IN/PCT/2001/00264
Filed on : 07/03/2001

**(71) Name of Applicant: SAMSUNG
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(72) Name of the Inventor:
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2. KANG HEE WON

**Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO**

(57) Abstract: A scrambling code generating apparatus of a downlink transmitter in a UMTS mobile communication system, which uses one primary scrambling code for separation of base stations and multiple secondary scrambling codes for channel separation. The apparatus includes a first m-sequence generator for generating a first m-sequence and a second m-sequence generator for generating a second m-sequence. A first summer adds the first and second m-sequences to generate the primary scrambling code. A plurality of first masking sections each shift the first m-sequence, and a plurality of second masking sections corresponding to the respective first masking sections each shifts the second m-sequence. A plurality of second summers each adds one of the first shifted m-sequences with the second m-sequence corresponding to the first m-sequence. The output of the second summers thus generates the multiple secondary scrambling codes.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00467/KOLNP/2005

A

(22) Date of filing of Application: 21/03/2005

(43) Publication Date: 08/06/2007

(54) Title of the invention: : TRANSMISSION APPARATUS AND METHOD FOR USE IN MOBILE COMMUNICATION SYSTEM BASED ON ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING SCHEME

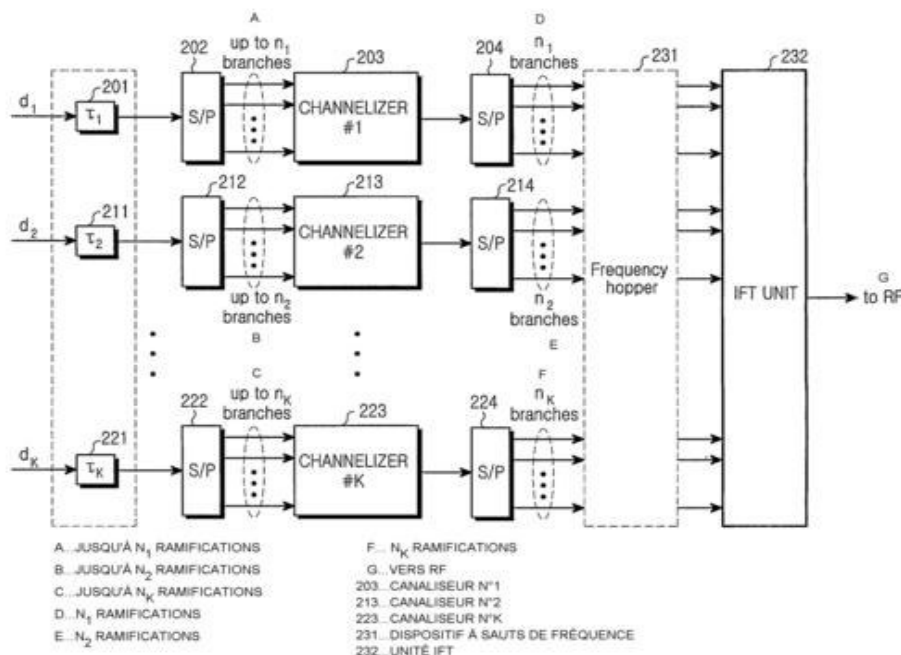
(51) International classification : H04B 7/204
(31) Priority Document No : 40352/2003
(32) Priority Date : 20/06/2003
(33) Name of priority country : KOREA
(86) International Application No and Filing Date: : PCT/KR2004/00147
7
19/06/2004
(87) International Publication No : WO/2004/114548
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

(71) Name of Applicant:
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(72) Name of the Inventor: 1. YOUNG-KWON CHO
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4. DONG-SEEK PARK
5. SEONG-ILL PARK
6. HO-KYU CHOI
7. PAN-YUH JOO
8. YOUNG-KYUN KIM
9. HYEON-WOO LEE

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract: A single frame of information bit sequences to be transmitted to individual users is divided into a plurality of times according to a given time interval. The information bit sequences within the plurality of division times are divided, and the divided information bit sequences are spread using different Walsh codes. The spread information bit sequences are combined into a single sequence associated with the individual users, which is then outputted. The information bit sequences, which have been combined into the single sequence, are divided. The spread information bit sequences are distributed over a plurality of bandwidths capable of mapping-processing the spread information bit sequences with sub-carrier frequencies. And then, it is performed, a frequency hopping function such that each of the bandwidths does not overlap with time-frequency cells given by the given time interval.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 02101/KOLNP/2005

A

(22) Date of filing of Application: 24/10/2005

(43) Publication Date: 08/06/2007

(54) Title of the invention: : "TEMPLATE -FIXED BETA-HAIRPIN PEPTIDOMIMETICS WITH CXCR4 ANTAGONIZING ACTIVITY"

(51) International classification : C07K 7/64, 1/4, A61K 38/12

(31) Priority Document No : PCT/EP03/04640

(32) Priority Date : 02/05/2003

(33) Name of priority country : PCT

(86) International Application No and Filing Date: : PCT/EP2004/00453
5
29/04/2004

(87) International Publication No : WO 2004/096840
A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

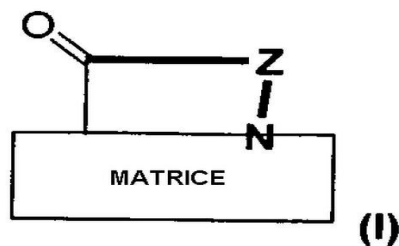
Filed on : NIL

(71) Name of Applicant:
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(72) Name of the Inventor:
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5. GOMBERT FRANK
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7. MOEHLE KERSTIN
8. OBRECHT DANIEL
9. ROBINSON JOHN ANTHONY
10. HENZE HEIKO
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12. LUDIN CHRISTIAN

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract: The present invention provides template-fixed 0-hairpin peptidomimetics incorporating template-fixed chains of 12,14 or 18 a-amino acid residues which, depending on their positions in the chains,. are Gly, NMeGly, Pro or Pip, or of certain types, as defined hereinbelow. These template-fixed-hairpin mimetics have CXCR4 antagonizing activity. In addition, the present invention provides an efficient synthetic process by which these compounds can, if desired, be made in parallel library-format. These (3-hairpin peptidomimetics show improved efficacy, bioavailability, half-life and most importantly a significantly enhanced ratio between CXCR4 antagonizing activity on the one hand, and hemolysis on red blood cells and cytotoxicity on the other.



(FIG. 1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 02124/KOLNP/2005

A

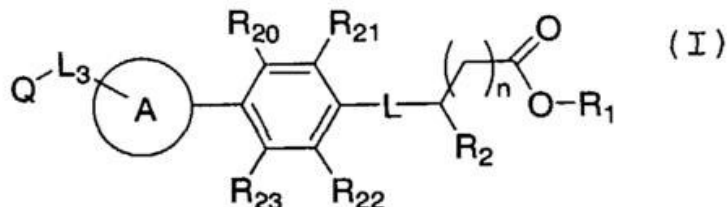
(22) Date of filing of Application: 26/10/2005

(43) Publication Date: 08/06/2007

(54) Title of the invention: : "SUBSTITUTED CARBOXYLIC ACIDS"

(51) International classification	: C07D 307/80,307/91, 471/04, 209/08,	(71) Name of Applicant: THE INSTITUTES FOR PHARMACEUTICAL DISCOVERY, LLC
(31) Priority Document No	: 60/467,057	Address of the Applicant: 23 BUSINESS PARK DRIVE, BRANFORD, CT 06405, U.S.A
(32) Priority Date	: 30/04/2003	
(33) Name of priority country	: U.S.A	
(86) International Application No and Filing Date:	: PCT/US2004/01137 1 14/04/2004	
(87) International Publication No	: WO 2004/099168 A3	(72) Name of the Inventor: 1. VAN ZANDT MICHAEL C 2. WHITEHOUSE DARREN 3. COMBS KERRY 4. HU SHAOJING
(61) Patent of addition to Application No	: NIL	
Filed on	: NIL	
(62) Divisional to Application No	: NIL	Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO
Filed on	: NIL	

(57) **Abstract:** The present invention relates to compounds and pharmaceutically acceptable salts of formula (I); which are useful in the treatment of metabolic disorders related to insulin resistance or hyperglycemia. These compounds include inhibitors of protein tyrosine phosphatase (PTP-1B) that are useful in the treatment of diabetes and other PTB-1B mediated diseases, such as cancer, neurodegenerative diseases and the like. The compounds of the invention are also useful in pharmaceutical compositions and methods of treating the aforementioned conditions.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 02180/KOLNP/2005

A

(22) Date of filing of Application: 03/11/2005

(43) Publication Date: 08/06/2007

(54) Title of the invention: : “TRANSPORTATION SYSTEM FOR A WIND TURBINE COMPONENT, VEHICLE FOR A TRANSPORTATION SYSTEM, DISPLACEMENT SYSTEM METHOD OF ESTABLISHMENT A TRANSPORTATION OR DISPLACEMENT AND USE THEREOF”

(51) International classification : B60P 3/40, F03D 11/00, B66C 1/66

(31) Priority Document No : N.A

(32) Priority Date : N.A

(33) Name of priority country : N.A

(86) International Application No and Filing Date: : NIL

(87) International Publication No : PCT/DK2003/00032 7
15/05/2003

(61) Patent of addition to Application No : WO 2004/101313
A1

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

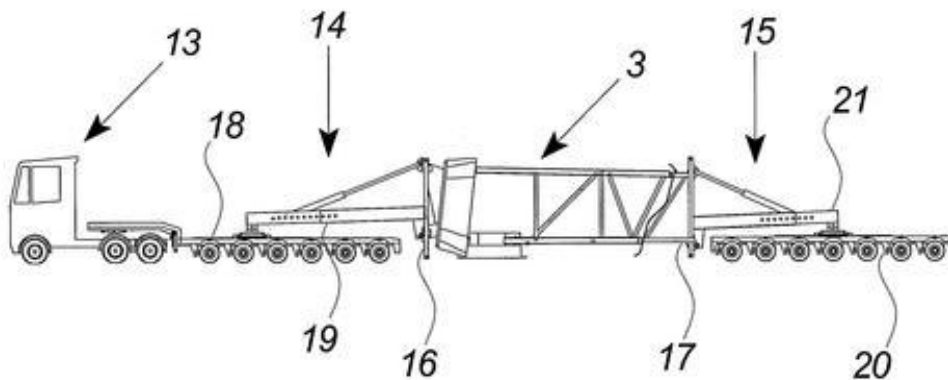
(71) Name of Applicant:
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Address of the Applicant:
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(72) Name of the Inventor:
PDEDERSEN, GUNNAR, STORGAARD

Filed U/S 5(2) before The
Patents (Amendment)
Act: 2005:NO

(57) Abstract: The invention relates to a transportation system for a wind turbine component such as a wind turbine nacelle or a section of a tubular wind turbine tower, said system comprising a wind turbine component with a rigid structure. The system further comprises at least one standardization means directly or indirectly connected to the rigid structure (6) of said wind turbine component (3), where said at least one standardization means defines a space enclosing said component. The invention also relates to a vehicle for a transportation system, a displacement system and a method of establishing a transportation or displacement system for a wind turbine component.



(Fig.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 08/11/2005

(21) Application No.: 02214/KOLNP/2005

(43) Publication Date: 08/06/2007

A

(54) Title of the invention: : METHOD AND REACTOR FOR THE CONTINUOUS PRODUCTION OF POLYMERS

(51) International classification : B01J 19/18, C08G 63/78

(31) Priority Document No : 103 22 106.9

(32) Priority Date : 09/05/2003

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date: : PCT/DE04/000995 06/05/2004

(87) International Publication No : WO 2004/101140 A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

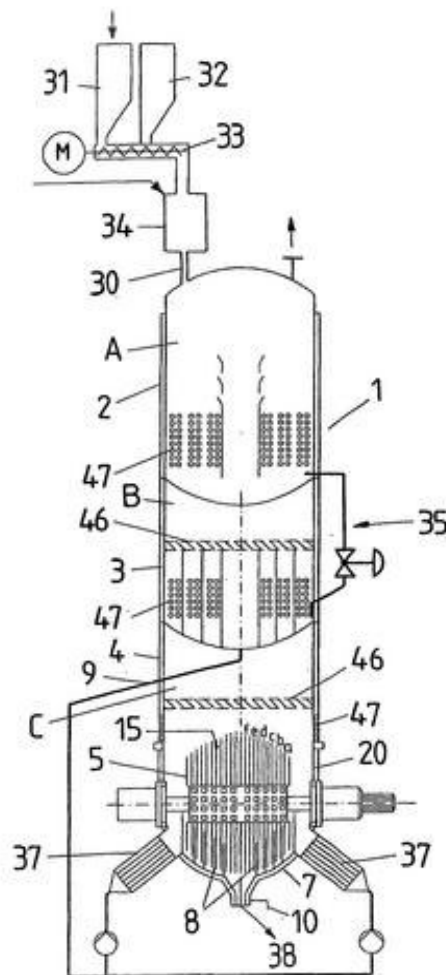
(71) Name of Applicant: AQUAFIL ENGINEERING GMBH

Address of the Applicant:
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BERLIN/GERMANY

(72) Name of the Inventor: KARASIAK, WOLF

Filed U/S 5(2) before The
Patents (Amendment)
Act, 2005: NO

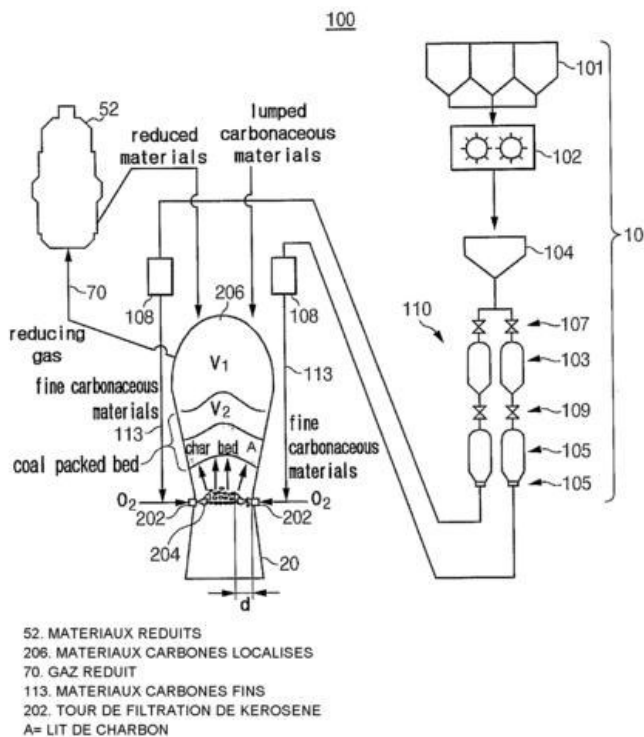
(57) Abstract: The invention relates to a method and a device for the continuous production of polymers. According to said method, monomers are initially obtained in a reactor having a plurality of reaction zones, subsequently, prepolymers and then the desired polymers are obtained. At least one reaction zone of the reactor (1) is embodied as a disk cage reactor or a ring disk reactor.



(FIG.1)

(54)	Title of the invention:	: “APPARATUS FOR MANUFACTURING MOLTEN IRONS BY INJECTING FINE COALS INTO A MELTER-GASIFIER AND THE METHOD USING THE SAME”
(51)	International classification	: C21B 13/00
(31)	Priority Document No	: 10-2004-0060584 10-2005-0033775
(32)	Priority Date	: 30/07/2004, 22/04/2005
(33)	Name of priority country	: KOREA
(86)	International Application No and Filing Date:	: PCT/KR2005/0024 78 29/07/2005
(87)	International Publication No	: WO 2006/011774 A1
(61)	Patent of addition to Application No	: NIL
	Filed on	: NIL
(62)	Divisional to Application No	: NIL
	Filed on	: NIL
(71)	Name of Applicant: POSCO	
	Address of the Applicant:	1. GOEDONG-DONG, NAM-KU, POHANG-SHI, KYUNGSANGBUK-DO, KOREA
(72)	Name of the Inventor:	1. KWON, YOUNG-CHUL 2. HUR, NAM-SUK 3. PARK, YOUNG-DO 4. KIM, HAK-DONG
	Filed U/S 5(2) before The Patents (Amendment) Act: 2005:NO	

(57) **Abstract:** The present invention relates to an apparatus for manufacturing molten irons by injecting fine carbonaceous materials into a melter-gasifier and a method for manufacturing molten irons using the same. The method for manufacturing molten irons according to the present invention includes steps of reducing mixtures containing iron ores in a reduction reactor and converting the mixtures containing iron ores into reduced materials, preparing lumped carbonaceous materials containing volatile matters as a heating source for melting the reduced materials, charging the lumped carbonaceous materials into a dome-shaped upper portion of a melter-gasifier and forming a coal packed bed, preparing fine carbonaceous materials containing volatile matters as a heating source for melting the reduced materials, injecting oxygen and the fine carbonaceous materials into the coal packed bed through a tuyere installed in the melter-gasifier, charging the reduced materials into the melter-gasifier connected to the reduction reactor and manufacturing molten irons, and supplying reducing gas in the melter-gasifier made from volatile matters contained both in the lumped carbonaceous materials and the fine carbonaceous materials to the reduction reactor.



(FIG.1)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 08/12/2005

(21) Application No.: 02542/KOLNP/2005

(43) Publication Date: 08/06/2007

A

(54) Title of the invention: : "FLEXIBLE VIBRATORY MICRO-ELLECTROMECHANICAL DEVICE"

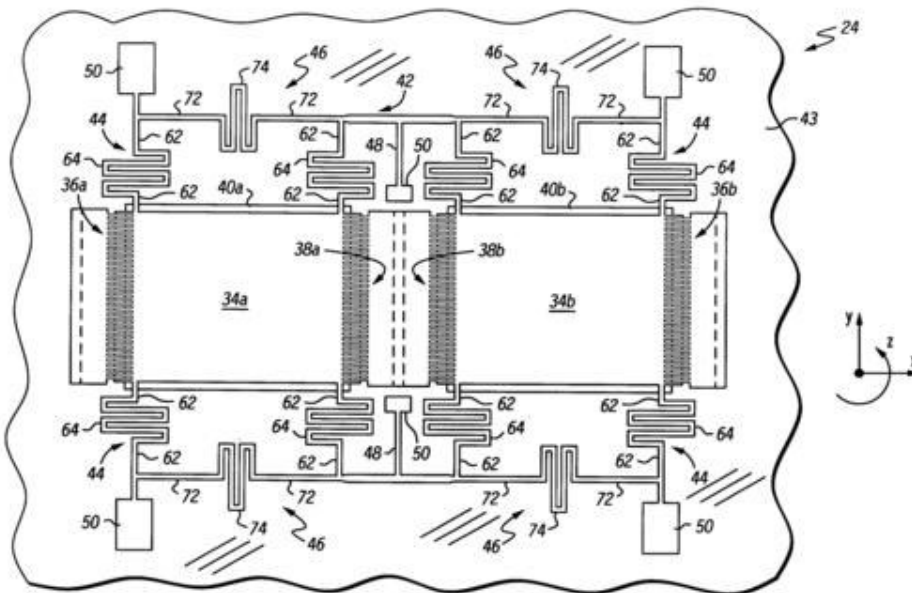
(51) International classification : G01P 9/04
(31) Priority Document No : 10/630,044
(32) Priority Date : 30/07/2003
(33) Name of priority country : U.S.A
(86) International Application No and Filing Date: : PCT/US2004/01692
8
28/05/2004
(87) International Publication No : WO 2005/017445
A3
(61) Patent of addition to Application No : NIL
Filed on : NIL
(62) Divisional to Application No : NIL
Filed on : NIL

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(72) Name of the Inventor: CHIOU JEN-
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Filed U/S 5(2) before The
Patents (Amendment)
Act, 2005: NO

(57) **Abstract:** There is a sensor element (24) for an electronic sensor device (20). The sensor element (24) may have a substrate (43), a pair of proof masses (34a, 34b), a set of drive beams (44), and at least one base beam (46). The pair of proof masses (34a, 34b) are suspended above the substrate (43) and attached to the substrate (43) at fixed anchor points (50). The set of drive beams (44) are positioned between the proof masses (34a, 34b) and the anchor points (50). Each drive beam (44) has a first longitudinal body portion (62) that extends in a first direction and a first flexible spring member (64) that extends along a second direction. The base beam (46) interconnects the set of drive beams (44) and has a second longitudinal body portion (72) and a second flexible spring member (74). The second longitudinal body portion (72) extends along the second direction and the second flexible spring member (74) extends along the first direction. The first and second flexible spring members (64, 74) may be serpentine in shape, such as folded beam-columns or wrinkle springs.



(FIG.2)

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.: 00285/KOLNP/2006

A

(22) Date of filing of Application: 07/02/2006

(43) Publication Date: 08/06/2007

(54) Title of the invention: : DISTRIBUTION CONNECTING MODULE

(51) International classification : H01R 12/18, 9/24

(31) Priority Document No : 103 39 844.9

(32) Priority Date : 29/08/2003

(33) Name of priority country : GERMANY

(86) International Application No and Filing Date: : PCT/EP2004/00900
2
12/08/2004

(87) International Publication No : WO 2005/029647
A1

(61) Patent of addition to Application No : NIL

Filed on : NIL

(62) Divisional to Application No : NIL

Filed on : NIL

(71) Name of Applicant:

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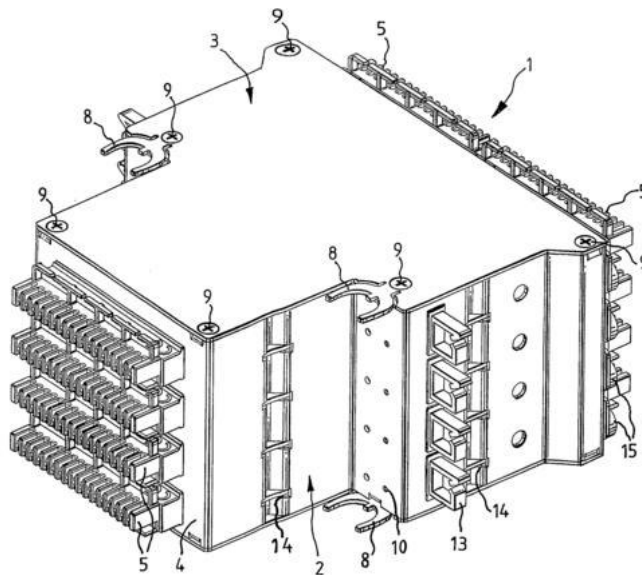
3. HARALD KLEIN

4. ANTONY NIJHUIS,

Filed U/S 5(2) before The
Patents (Amendment)

Act: 2005:NO

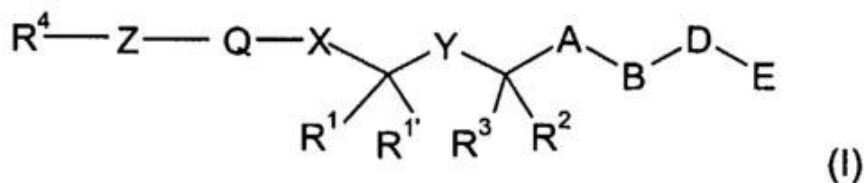
(57) Abstract: The distribution connecting module (1) for telecommunications and data systems technology comprises housing (2) inside of which input and output contacts for connecting lines and wires are placed, said contacts being accessible from the exterior. The housing (2) is provided with a cavity inside of which at least one printed circuit board (6) is placed. The input and output contacts are situated on the opposing faces (50, 57) of the housing (2). The input contacts are provided in the form of at least one connector strip (5) with insulation displacement contacts (41). The input and output contact can be detachably connected to the printed circuit board (6). The connector strip (5) supporting the input contacts is detachably connected to the housing (2) via a front part (7). The insulation displacement contacts (41) are connected to the printed circuit board (6) via fork contacts (42). The connection between the front part (7) and the housing (2) is such that when the connection is released, the connector strip (5), which is connected to the front part (7), is, together with the fork contacts (42), moved away from the printed circuit board (6).



(FIG.1)

(12) PATENT APPLICATION PUBLICATION**(19) INDIA****(21) Application No.: 00295/KOLNP/2006****A****(22) Date of filing of Application: 10/02/2006****(43) Publication Date: 08/06/2007****(54) Title of the invention: : MATRIX METALLOPROTEINASE INHIBITORS****(51) International classification : C07D 209/48,
239/54, 405/10,
403/10, A61K
31/505, 31/4035****(31) Priority Document No : 0321538.1****(32) Priority Date : 13/09/2003****(33) Name of priority country : GREAT BRITAIN****(86) International Application No : PCT/EP2004/01031
and Filing Date: 9
10/09/2004****(87) International Publication No : WO 2005/026120
A1****(61) Patent of addition to Application No :
Filed on : NIL****(62) Divisional to Application No :
Filed on : NIL****(71) Name of Applicant: GROUP
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Address of the Applicant: GLAXO
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AVENUE, GREENFORD, MIDDLESEX,
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2. HOLMES, IAN, PETER
3. MARTIN, STEPHEN, LEWIS
4. WATSON, STEPHEN, PAUL****Filed U/S 5(2) before The
Patents (Amendment)
Act,2005: NO**

(57) Abstract: Compounds of Formula (I): Wherein: A represents bond, C1-6alkyl or CH=CH-C1-4alkyl; B represents bond, O, S, SO, SO₂, CO, CR₇R₈, CO₂R₁₄, CONR₁₄R₁₅, N(COR₁₄)(COR₁₅), N(SO₂R₁₄)(COR₁₅) or NR₁₄R₁₅; D represents bond, or C1-6alkyl; E represents substituted aryl or substituted or unsubstituted heteroaryl; Q represents an optionally substituted 5- or 6-membered aryl or heteroaryl ring; X represents O, S, SO, SO₂, CO, CNR₅, CNOR₅, CNNR₅R₆, NR₁₁ or CR₇R₈; Y represents CR₅OR₁₁, CR₅SR₁₁, NOR₅, CR₅NR₆R₁₁, SO, SO₂, CO, CNR₅, CNOR₅ or CS; R₁ and R₁' each independently represents H, C1-6alkyl or C1-4alkylaryl; R₂ represents CO₂R₁₂, CH₂OR₁₂ or CONR₁₂R₁₃, CONR₁₂OR₁₃, NR₁₂COR₁₃, SR₁₂, PO(OH)₂, PONHR₁₂ or SONHR₁₂; R₃ represents H, C1-6alkyl or C1-4alkylaryl; R₄ represents optionally substituted aryl or heteroaryl; Z represents a bond, CH₂, O, S, SO, SO₂, NR₅, OCR₅R₆, CR₉R₁₀ or Z, R₄ and Q together form an optionally substituted fused tricyclic group; R₅ and R₆ each independently represent H, C1-6 alkyl or C1-4 alkylaryl; R₇ and R₈ each independently represent H, halo, C1-6 alkyl or C1-4 alkylaryl; R₉ and R₁₀ each independently represents H, C1-6 alkyl optionally substituted by halo, cyano, OR₁₁ or NR₆R₁₁, C1-4 alkylaryl optionally substituted by halo, cyano, OR₁₁ or NR₆R₁₁, OR₁₁ or, together with the N to which they are attached, R₉ and R₁₀ form a heterocyclic group; R₁₁ represents H, C1-6 alkyl, C1-4 alkylaryl or COR₅; R₁₂ and R₁₃ each independently represent H, C1-3 alkyl, C1-3 alkylaryl or C1-3 alkylheteroaryl or, together with the functionality to which they are attached, R₁₂ and R₁₃ form a heterocyclic group; R₁₄ and R₁₅ each independently represent H, C1-6 alkyl, C1-4 alkylaryl or C1-4 alkylheteroaryl or together with the functionality to which they are attached R₁₄ and R₁₅ form a heterocyclic or fused heterocyclic group: and physiologically functional derivatives thereof, processes for their preparation, pharmaceutical formulations containing them and their use as inhibitors of matrix metalloproteinase enzymes (MMPs) are described.

**(FIG.1)**

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2801/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :26/09/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : DATA TRANSMISSION RECORD KEEPING METHOD.

(51) International classification :H04L29/06;
H04L29/08
(31) Priority Document No :NA
(32) Priority Date :05/03/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2004/002287
Filing Date :05/03/2004
(87) International Publication No :WO2005/099213 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

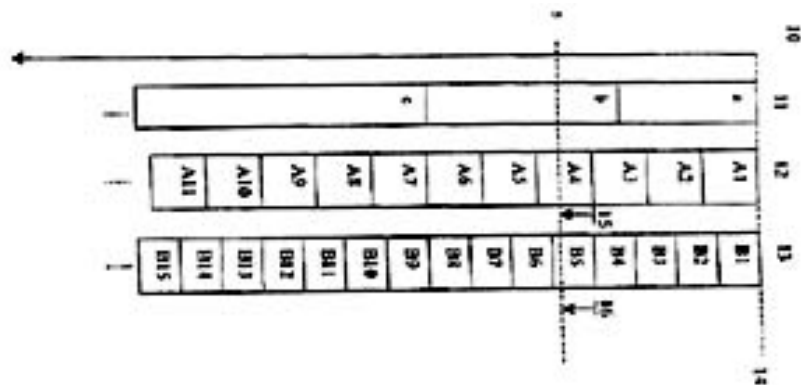
(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
Address of Applicant :S-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)WIEMANN,Henning
2)SACHS,Joachim

No of Pages : 48

No of Claims : 52

(57) Abstract :

In a sending peer of a data unit transmission protocol, a first record of a data symbol stream 10 is maintained in terms of one or more first sequences of data units of a first format A, and simultaneously a second record of a data symbol stream 10 is maintained in terms of one or more sequences of data units of a second format B, where the first and second record have a common reference point 14 to the data symbol stream 10.



(54) Title of the invention: IMPROVEMENTS IN AND RELATING TO IMAGE CAPTURE

(51) International classification :G02B21/00;
G02B21/36
(31) Priority Document No :0409411.6
(32) Priority Date :28/04/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/001558
Filing Date :22/04/2005
(87) International Publication No :WO2005/106561 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

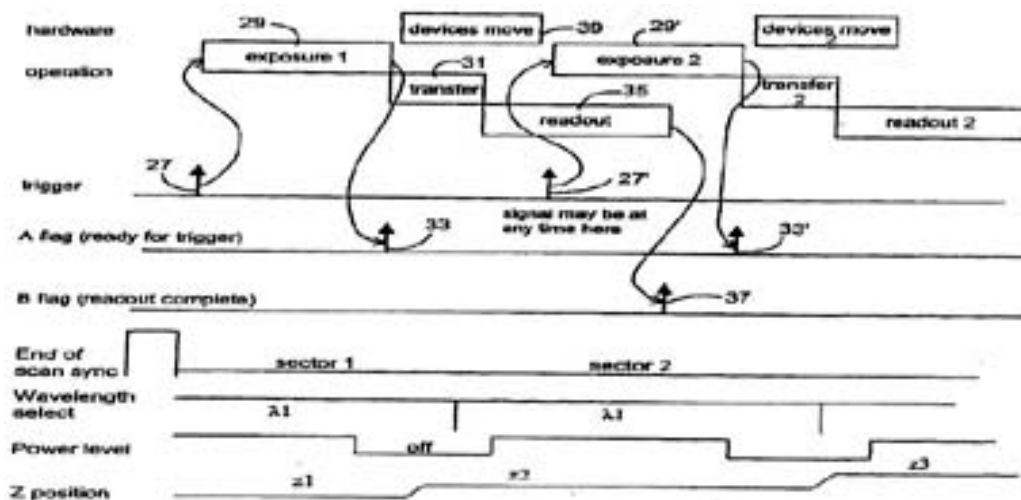
(71)Name of Applicant :
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Address of Applicant :47, AYER RAJAH CRESCENT #06-12, SINGAPORE 139947 Singapore
(72)Name of Inventor :
LADHA, SHAB

No of Pages : 31

No of Claims : 9

(57)Abstract:

Apparatus and methods are provided which allow the rapid collection of image data in situations where ancillary equipment must be controlled and coordinated as part of an image formation process, such as co focal microscopy for example. The apparatus includes control means (20) for coordinating the operation of the apparatus, and operable to receive a first trigger signal (33, 33', 37) indicating the completion of an operation from one component and transmit a second trigger signal {27, 27'} to start an operation by another component in response to the first trigger signal. Such a configuration is operating to reduce delays encountered in operation of the apparatus.



(51) International classification :C07D471/04;
C07D519/00
(31) Priority Document No :60/557,503
(32) Priority Date :30/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/010846
Filing Date :30/03/2005
(87) International Publication No :WO2005/095400 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 :

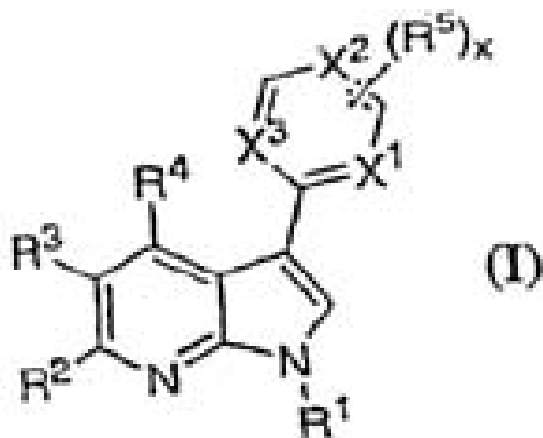
1)SALITURO FRANCESCO**2)FARMER LUC****3)BETHIEL RANDY****4)HARRINGTON EDMUND****5)GREEN JEREMY****6)COURT JOHN****7)COME JON****8)LAUFFER DAVID****9)ARONOV ALEX****10)BINCH HAYLEY****11)BOYALL DEAN****12)CHARRIER JEAN-DAMIEN****13)EVERITT SIMON****14)FRAYSSE DAMIEN****15)MORTIMORE MICHAEL****16)PIERARD FRANCOISE****17)ROBINSON DANIEL****18)WANG JIAN****19)PINDER JOANNE****20)WANG TIANSHENG****21)PIERCE ALBERT**

No of Pages : 429

No of Claims : 66

(57) Abstract:

The present invention relates to compounds of formula (I), which are inhibitors of protein kinases. The invention also provides pharmaceutical compositions comprising the compounds of the invention and methods of using the compositions in the treatment of various disorders.



(54) Title of the invention : CARRIER TYPE DATA SECURITY PROTECTION METHOD AND READING SYSTEM FOR PREPAID WATTHOUR METER

(51) International classification

:G01R11/00;
G01R11/56

(31) Priority Document No

:200410025895.0

(32) Priority Date

:01/03/2004

(33) Name of priority country

:China

(86) International Application No

:PCT/CN2005/000252

Filing Date

:01/03/2005

(87) International Publication No

:WO2005/085878 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 :

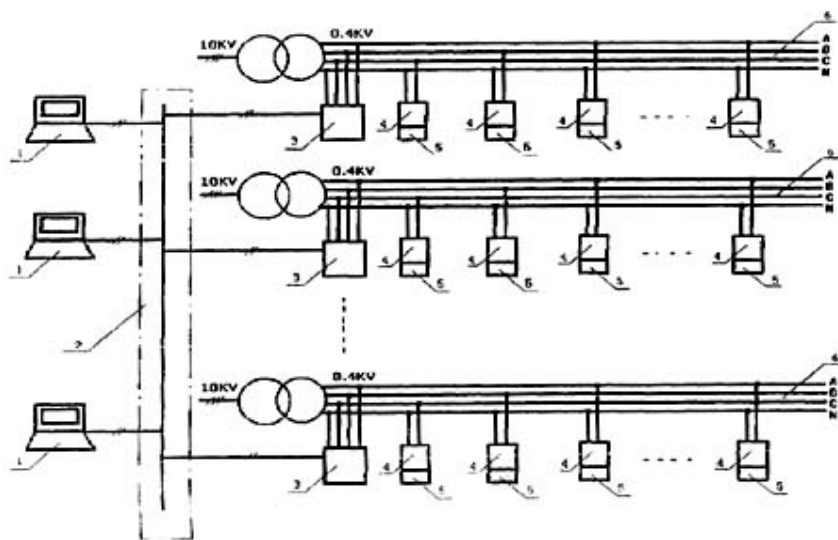
1)QI,CHAGYAN

No of Pages : 30

No of Claims : 23

(57)Abstract:

A data security protection method and watt-hour meter-reading system for prepaid watt-hour meter is provided. The method according to the present invention is that: after the user purchases electric power, the power-purchasing data is transmitted to the user watt-hour meter directly via the power lines carrier by a power-selling operator. A user watt-hour meter carrier module receives the power-purchasing data, then transmits back the acknowledgement information to the watt-hour meter-reading and power-selling computer by the power lines carrier to make a check, while the power-purchasing data is stored into the power-purchasing data storage circuit in specific format. The system is comprised of watt-hour meter-reading and power-selling computer, watt-hour meter-reading concentrator, carrier module comprising a data storage circuit composed of nonvolatile RAM (EEPROM, FRAM) device, user watt-hour meter integrated with the carrier module, down channel comprised of the low voltage power supply line and up channel. The present invention makes the distribution, use, measurement and charging under the monitor and control of the computer, so as to prevent power-thieving and leaking, and to protect the power-purchasing data information free of the attack from outside.



(54) Title of the invention : EQUIPMENT TO FACILITATE MONEY TRANSFER INTO BANK ACCOUNTS

(51) International classification :G06F17/00
 (31) Priority Document No :10/806,484
 (32) Priority Date :22/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/008191
 Filing Date :10/03/2005
 (87) International Publication No :WO2005/091977 A2
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

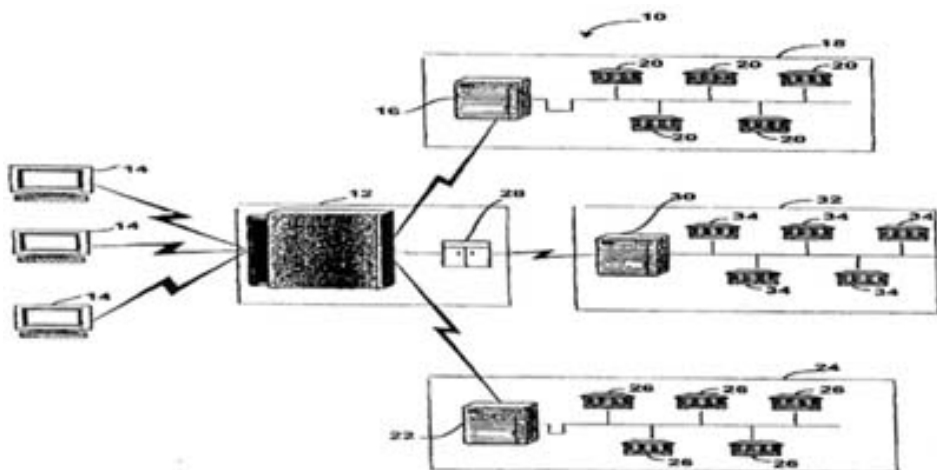
(71)Name of Applicant :
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 (72)Name of Inventor :
1)MICHELSEN,MICHAEL,J
2)CANNING,DAN
3)OCHOA,ROBERTO
4)ZVALETA,RODOLFO
5)SADA,RODRIGO

No of Pages : 31

No of Claims : 30

(57)Abstract:

In one embodiment, the invention provides a computerized system and method for transferring money to a bank account, typically when paid in cash or a cash equivalent at a point of sale device. According to one method, transactional information is transmitted to a host computer system from a point of sale device. The transactional information includes information on a bank account that is to receive the money. The transaction information is stored at the host computer system. Also, at least some of the transaction information is sent to an intermediary computer system that is configured to interact with a plurality of banking networks in different countries. The intermediary computer system may also determine which one of the banking networks is associated with the bank account that is to receive the money. A request is transmitted from the intermediary computer network to a local banking network and includes information on the bank account that is to receive the money and an amount of money to deposit. The bank account may then be credited with the money.



(54) Title of the invention: RECOMBINANT PERFORIN EXPRESSION AND USES THEREOF

(51) International classification	:C12N15/867;C12N15/8	(71) Name of Applicant :
(31) Priority Document No	:2004901114	1)PETER MACCALLUM CANCER INSTITUTE
(32) Priority Date	:01/03/2004	Address of Applicant :Locked Bag 1,A'Beckett Street,Melbourne
(33) Name of priority country	:Australia	Victoria,8008 Australia
(86) International Application No	:PCT/AU2005/000291	(72) Name of Inventor :
Filing Date	:01/03/2005	1)JOSEPH ALBERT TRAPANI
(87) International Publication No	:WO2005/083098 A1	2)TRAPANI MARK JOHN SMYTH
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 131

No of Claims : 20

(57)Abstract:

The present invention relates to retroviral vectors capable of driving the expression of perform in a cell and a method of expressing recombinant preforin in a cell. The present invention also relates to recombinant perform polypeptides and nucleic acid molecules derived therefore and uses thereof. Also encompassed are screening assays employing such recombinant perform H molecules, compounds identified by the screening assays and uses thereof.

(54) Title of the invention: COMPOSITIONS AND METHODS FOR TOPICAL APPLICATION AND TRANSDERMAL DELIVERY OF BOTULINUM TOXINS.

(51) International classification

:A61K39/08;
C07K14/33

(31) Priority Document No

:60/550,015

(32) Priority Date

:03/03/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/007524

Filing Date

:03/03/2005

(87) International Publication No

:WO2005/084410 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)DAKE,MICHAEL D.

2)WAUGH,JACOB M.

No of Pages : 54

No of Claims : 53

(57) Abstract:

A composition for topical application of a botulinum toxin including botulinum toxin derivatives comprises a botulinum toxin and a carrier comprising a polymeric backbone comprising a long-chain polypeptide or nonpeptidyl polymer having attached positively charged branching or "efficiency" groups. The invention also relates to methods for reducing muscle paralysis and other conditions that may be treated with a botulinum toxin, particularly paralysis of subcutaneous and most particularly facial, muscles, by topically applying an effective amount of the botulinum toxin and carrier, in conjunction to the subject's skin or epithelium. Kits for administration are also described.



(54) Title of the invention: CRYSTALLINE POLYMORPH OF BAZEDOXIFENE ACETATE

(51) International classification	:C07D 209/12
(31) Priority Document No	:60/560,584
(32) Priority Date	:07/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011423
Filing Date	:06/04/2005
(87) International Publication No	:WO2005/100314 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)WEYTH**

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(72)Name of Inventor :

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No of Pages : 28

No of Claims : 45

(57) Abstract :

The present invention is directed to a crystalline polymorph of bazedoxifene acetate, compositions containing the same, preparations thereof, and uses thereof.

(54) Title of the invention : HOLDING DEVICE FOR ACCOMMODATING A MOBILE TERMINAL / SCREEN

(51) International classification	:B60R11/02; B60R11/00
(31) Priority Document No	:102004019188.3
(32) Priority Date	:16/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/051668
Filing Date	:15/04/2005
(87) International Publication No	:WO2005/100094 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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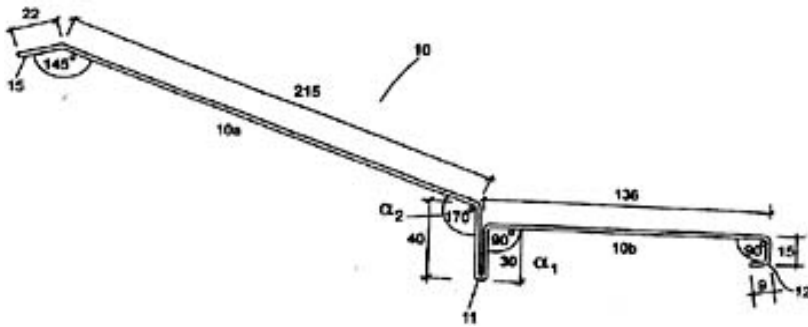
(72) **Name of Inventor :**
1) WOB BEN ALOYS

No of Pages : 26

No of Claims : 7

(57) Abstract:

There is provided a removable holding device for accommodating a mobile terminal and/or a screen in the passenger region of a vehicle. The holding device comprises at least one bar with a first end for insertion into fitments of a vehicle and a second end for accommodating the mobile terminal and/or the screen. That holding device has proven to be advantageous insofar as it is easy to remove/insert.



(54) Title of the invention: METHOD FOR PREPARING 3-CYCLOPENTYLOXY 4- METHOXYBENZALDEHYDE

(51) International classification :C07C 45/64

(31) Priority Document No :60/560,575

(32) Priority Date :08/04/2004

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

(86) International Application No :PCT/US2005/014022

Filing Date :07/04/2005

(87) International Publication No :WO2005/100291 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 :****1)WETH**

Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ 07940-0874 U.S.A.

(72)**Name of Inventor :****1)WILK,BOGDAN,KAZIMIERZ****2)MWISIYA, NALUKUI****3)HELOM,JEAN,LOUISE**

No of Pages : 18

No of Claims : 24

(57) Abstract:

Processes for coupling phenol and cycloalkyls including combining an optionally substituted phenol, a cycloalkyl substituted with a leaving group, carbonate salt, tetrahydrofuran, and an optional phase transfer agent are provided. Also provided are processes for preparing 3-cyclopentyloxy-4-methoxybenzaldehyde by combining 3-hydroxy-4-methoxybenzaldehyde, a cyclopentyl compound, a carbonate salt, a solvent, and an optional phase transfer agent.

(54) Title of the invention: CRYSTALLINE POLYMORPH OF A BAZEDOXIFENE ACETATE

(51) International classification :C07D 209/12

(31) Priority Document No :60/560,582

(32) Priority Date :07/04/2004

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

(86) International Application No :PCT/US2005/011724

Filing Date :06/04/2005

(87) International Publication No :WO2005/100316 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)WYETH**

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(72)**Name of Inventor :****1)DEMERSON,CHRISTOPHER****2)IERA,SILVIO****3)ALL,KADUM,A**

No of Pages : 34

No of Claims : 94

(57) Abstract:

The present invention is directed to a crystalline polymorph of bazedoxifene acetate, compositions containing the same, preparations thereof, and uses thereof.

(54) Title of the invention: BLENDS OF CHROMIUM-BASED AND BIMODAL ZIEGLER - NATTA POLYETHYLENES

(51) International classification	:C08L 23/04
(31) Priority Document No	:04101431.7
(32) Priority Date	:07/04/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/051489
Filing Date	:01/04/2005
(87) International Publication No	:WO2005/097888 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 :**
MICHEL JACQUES

No of Pages : 27

No of Claims : 10

(57) Abstract:

The present invention discloses a blend comprising: a chromium-based polyethylene resin and a bimodal polyethylene resin prepared either with a Ziegler-Natta or with a metallocene catalyst system. The blend has simultaneously improved environmental stress crack resistance and good processing behaviour with no loss of rigidity.

(54) Title of the invention : METHODS FOR MINIMIZING THIOAMIDE IMPURITES

(51) International classification :C07D 413/04

(31) Priority Document No :60/560,403

(32) Priority Date :08/04/2004

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

(86) International Application No :PCT/US2005/013657

Filing Date :07/04/2005

(87) International Publication No :WO2005/100347 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 :****WYETH**Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ 07940
U.S.A.(72)**Name of Inventor :****WILK BOGDAN KAZIMIERZ**

No of Pages : 34

No of Claims : 25

(57) Abstract :

Methods for minimizing the formation of thioamide compounds using decoy agents during reactions, such as thionations of carbonyl compounds containing nitrile groups, are provided.

(54) Title of the invention: ROUTING PROTOCOL WITHIN HYBRID - CELLULAR NETWORKS.

(51) International classification :H04Q7/20
 (31) Priority Document No :10/833,533
 (32) Priority Date :28/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013436
 Filing Date :09/04/2005
 (87) International Publication No :WO2005/107286 A3
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

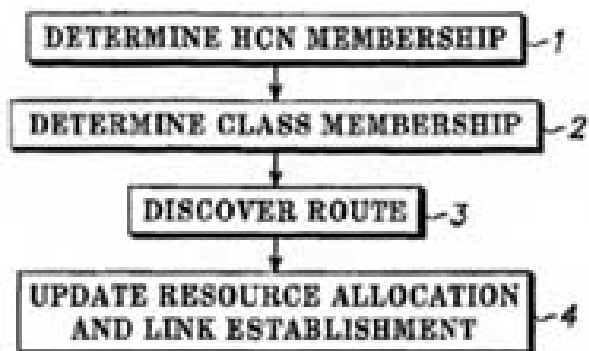
(71)**Name of Applicant :**
MOTOROLA INC
 Address of Applicant :1303 EAST ALGONQUIN ROAD
 SCHAUMBURG ILLINOIS 60196 U.S.A.
 (72)**Name of Inventor :**
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2)BAUM KEVIN L
3)CLASSON BRIAN K
4)CLASSON BRIAN K
5)TRIPATHI VINAYAK
6)VISOTSKY EUGENE

No of Pages : 22

No of Claims : 14

(57) Abstract:

In order to establish routing to/from a base station within a hybrid-cellular network, each network element is assigned a "class" (2) based on received signal strength of the base station. Each network element is allowed to choose a network element of lower class for relaying information to the base station (3).



(54) Title of the invention: HANDHELD DEVICE LOUDSPEAKER SYSTEM

(51) International classification :H04M1/03;
H04M1/60
(31) Priority Document No :10/813,458
(32) Priority Date :30/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/007253
Filing Date :04/03/2005
(87) International Publication No :WO2005/104611 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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Address of Applicant :1303 EAST ALGONQUIN ROAD
SCHAUMBURG ILLINOIS 60196 U.S.A.

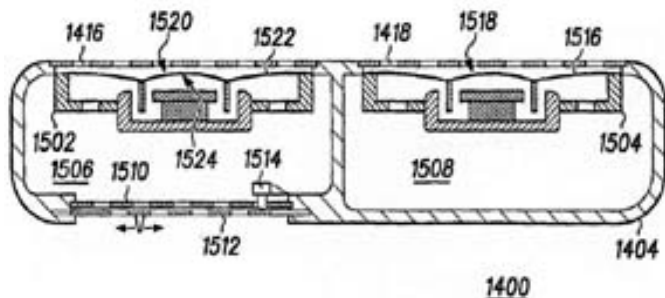
(72)Name of Inventor :
1)ZUREK ROBERT,A
2)KOO SIMONE

No of Pages : 50

No of Claims : 10

(57) Abstract:

Loudspeaker systems for handheld devices (2400, 2500) such as cellular telephones (100, 1400, 1600, 1900) are provided. The loudspeaker systems include at least one omni directional monopole loudspeaker (404, 1504, 1802, 1918, and 1920) and at least one dipole loudspeaker (402, 1502, 1804, 1914, and 1916). Filtering is used to compensate for differences between electric-to-acoustic signal transfer functions of the loudspeakers in order to achieve destructive interference of emitted audio in one direction and reinforcement in another direction. Various loudspeaker systems that are reconfigurable from directional mode, to omni directional mode are provided. Filtering is also used to add a frequency dependent phase to one signal in order to alter a direction of maximum sound pressure level. Two monopole-dipole pairs can be used to produce a stereo effect. The monopole and dipole loudspeakers can be housed in a detachable loudspeaker accessory (200).



(54) Title of the invention: AZAINDOLES USEFUL AS INHIBITORS OF ROCK AND OTHER PROTEIN KINASES.

(51) International classification	:C07D 471/04
(31) Priority Document No	:60/559,041
(32) Priority Date	:02/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011358
Filing Date	:04/04/2005
(87) International Publication No	:WO2005/103050 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)GREEN,JEREMY
2)MILLER,ANDREW
3)JIMENEZ,JUAN-MIGUEL
4)MARHEFKA,CRAIG
5)CAO,JINGRONG
6)COURT,JOHN,J
7)BANDARAGE,UPUL K
8)GAO HUAI
9)NANTHKUMAR,SUGANTHINI

No of Pages : 247

No of Claims : 52

(57) Abstract:

The present invention relates to compounds useful as inhibitors of protein kinases. The invention also provides pharmaceutically acceptable compositions comprising said compounds and methods of using the compositions in the treatment of venous disease, conditions, or disorders.

(54) Title of the invention: OPTICAL MODE NOISE AVERAGING DEVICE.

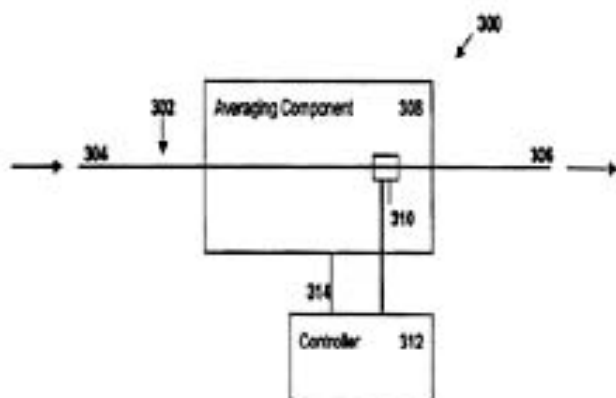
(51) International classification	:G01D5/353; G01K11/32	(71)Name of Applicant : ZOLO TECHNOLOGIES,INC
(31) Priority Document No	:PCT/US2004/010048	Address of Applicant :4946 NORTH 63RD STREET
(32) Priority Date	:31/03/2004	BOULDER,COLORADO 80301 U.S.A.
(33) Name of priority country	:U.S.A.	(72)Name of Inventor :
(86) International Application No	:PCT/US2005/002853	1)MASTERSON,BERNARD,PATRICK
Filing Date	:02/02/2005	2)HUELSON,ERIC,C
(87) International Publication No	:WO2005/103781 A1	3)SMITH,IAN,S
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 39

No of Claims : 28

(57) Abstract:

An optical mode noise averaging device (300) including a multimode optical fiber (302) and means (308) for averaging a modal noise induced signal level variation of light propagating within the multimode optical fiber (302). The device may average modal noise induced signal level variations by cyclically varying an index of refraction of the multimode optical fiber (302) over a select period of time, scrambling a light distribution within the multimode optical fiber (302), or both. The index of refraction of the multimode optical fiber may be cyclically varied by cyclically varying the temperature of the multimode optical fiber (302). Alternatively, the index for refraction may be varied or the light distribution within the multimode optical fiber may be scrambled by cyclically manipulating the multimode optical fiber (302)



(54) Title of the invention: AQUEOUS FUNGICIDAL COMPOSITION AND USE THEREOF FOR COMBATING HARMFUL MICROORGANISMS

(51) International classification	:A01N 25/04	(71)Name of Applicant :
(31) Priority Document No	:102004020332.6	1)BASF AKTIENGESELLSCHAFT
(32) Priority Date	:26/04/2004	Address of Applicant :67056 LUDWIGSHAFEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/004423	1)GOTTSCHKE REIMER (DECEASED)
Filing Date	:25/04/2005	2)KLEIST GUNNAR
(87) International Publication No	:WO2005/102044 A1	3)HABICHT JOERG
(61) Patent of Addition to Application Number	:NA	4)SCHOPKE HOLGER
Filing Date	:NA	5)AMEHEIN PATRICK
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 35

No of Claims : 19

(57) Abstract:

The invention relates to aqueous fungicidal active substance compositions and to their use in the control of harmful microorganisms and in particular in the protection of cellulose-comprising materials, particularly wood, from infection by microorganisms, in particular those harmful fungi which can damage wood or cellulose. The active substance composition according to the invention comprises: a) at least one fungicidal organic active substance with a solubility in water of not more than 5 g/l at 25°C/1013 mbar, and b) a finely-divided polymer with an average particle size, determined by dynamic light scattering, of not more than 300 nm, in which the polymer particles comprise the active substance, the polymer being formed from ethylenically unsaturated monomers M comprising: - at least 60% by weight, based on the total amount of the monomers M, of at least one neutral monoethylenically unsaturated monomer M1 with a solubility in water of not more than 30 g/l at 25°C, and up to 40% by weight, based on the total amount of the monomers M, of one or more ethylenically unsaturated monomers M2 other than the monomers M1.

(Fig. Nil)

(54) Title of the invention: HISTAMINE H3 RECEPTOR AGENTS, PREPARATION AND THERAPEUTIC USES.

(51) International classification	:C07D207/09
(31) Priority Document No	:60/558,542
(32) Priority Date	:01/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010240
Filing Date	:25/03/2005
(87) International Publication No	:WO 2005/097740
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

ELI LILLY AND COMPANY

Address of Applicant :A CORPORATION OF THE STATE OF INDIANA,U.S.A. HAVING A PRINCIPAL PLACE OF BUISNESS AT, LILLY CORPORATE CENTER, CITY OF INDIANAPOLIS, STATE OF INDIANA 46285, U.S.A. U.S.A.

(72)Name of Inventor :

1)BEAVERS,LISA,SELSAM**2)FINLEY,DON,RICHARD****3)FINN,TERRY,PATRICK****4)GADSKI,ROBERT,ALAN****5)HIPSKIND,PHILIP,ARTHUR****6)HORNBACK,WILLIAM,JOSHEPH****7)JESUDASON,CYNTHIA,DARSHINI****8)PICKARD,RICHARD,TODD****9)TAKAKUWA,TAKAKO****10)VAUGHAT,GRANT,MATHEWS**

No of Pages : 172

No of Claims : 17

(57) Abstract:

The present invention discloses novel compounds of Formula I or pharmaceutically acceptable salts thereof which have histamine-H3 receptor antagonist or inverse agonist activity, as well as methods for preparing such compounds. In another embodiment, the invention discloses pharmaceutical compositions comprising compounds of Formula I as well as methods of using them to treat obesity, cognitive deficiencies, narcolepsy, and other histamine H3 receptor-related diseases.

(54) Title of the invention : ADDRESS GENERATOR FOR AN INTERLEAVER MEMORY AND A DEINTERLEAVER MEMORY

(51) International classification	:H03M13/27; H03M13/00
(31) Priority Document No	:04005627.7
(32) Priority Date	:10/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/002221
Filing Date	:03/03/2005
(87) International Publication No	:WO2005/091509 A1
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

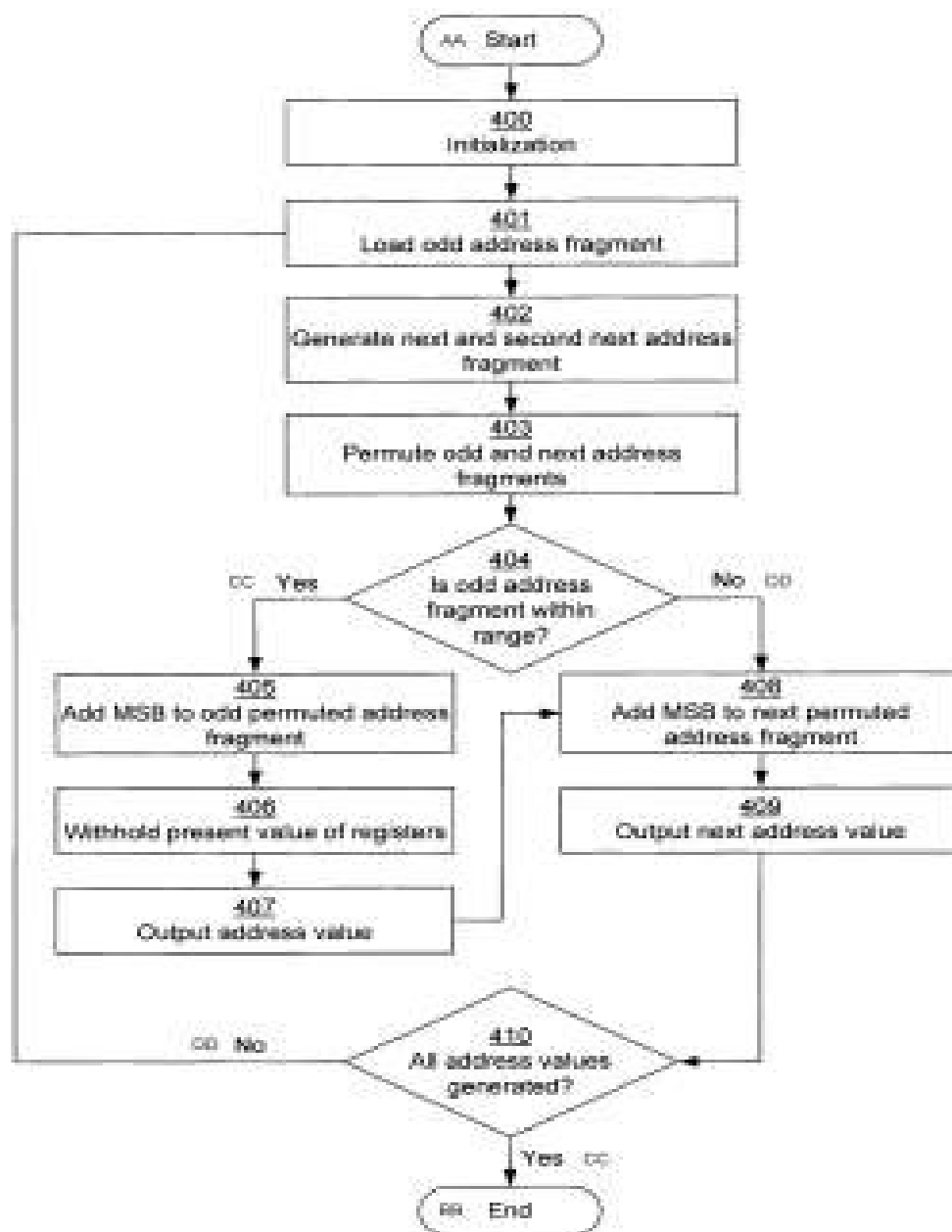
(71)**Name of Applicant :**
1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
Address of Applicant :S-164 83 Stockholm Sweden
(72)**Name of Inventor :**
1)BERKEMAN,Anders

No of Pages : 32

No of Claims : 34

(57) Abstract :

Method and device for generating an address value for addressing an interleaver memory. Consecutive address fragments to which a most significant bit(s) is to be appended are generated. Only a fraction of the address fragments generated, which potentially will exceed a maximum allowable value, is compared to the maximum allowable value. If the compared address fragment exceeds the maximum allowable value it is discarded. If the compared address fragment does not exceed the maximum allowable value it is accepted.



400 _ INITIALISATION
 401 _ CHARGEMENT FRAGMENT D'ADRESSE IMPAIRE
 402 _ GÉNÉRATION FRAGMENT D'ADRESSE SUIVANTE ET SECOND FRAGMENT D'ADRESSE SUIVANTE
 403 _ PERMUTATION FRAGMENTS D'ADRESSE IMPAIRES ET SUIVANTES
 404 _ FRAGMENT D'ADRESSE IMPAIRE DANS LES LIMITES?
 405 _ AJOUT BIT DE GAUCHE AU FRAGMENT D'ADRESSE IMPAIRE PERMUTE
 406 _ RETRAIT DE LA VALEUR PRÉSENTE DES REGISTRES
 407 _ PRODUCTION EN SORTIE DE LA VALEUR D'ADRESSE
 408 _ AJOUT BIT DE GAUCHE AU FRAGMENT D'ADRESSE SUIVANTE PERMUTE
 409 _ PRODUCTION EN SORTIE DE LA VALEUR D'ADRESSE SUIVANTE
 410 _ TOUTES LES VALEURS D'ADRESSE GÉNÉRÉES ?
 AA _ DÉBUT
 RR _ FIN
 CC _ OUI
 CD _ NON

(54) Title of the invention: IMPROVED INTERLEUKIN-2 MUTEINS

(51) International classification

:C12Q1/00;
C12Q1/02

(31) Priority Document No

:60/550,868

(32) Priority Date

:05/03/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/007517

Filing Date

:04/03/2005

(87) International Publication No

:WO2005/086798 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 :

1)CHIRON CORPATIONAddress of Applicant :Intellectual Property-R440,P.O.BOX 8097
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(72)Name of Inventor :

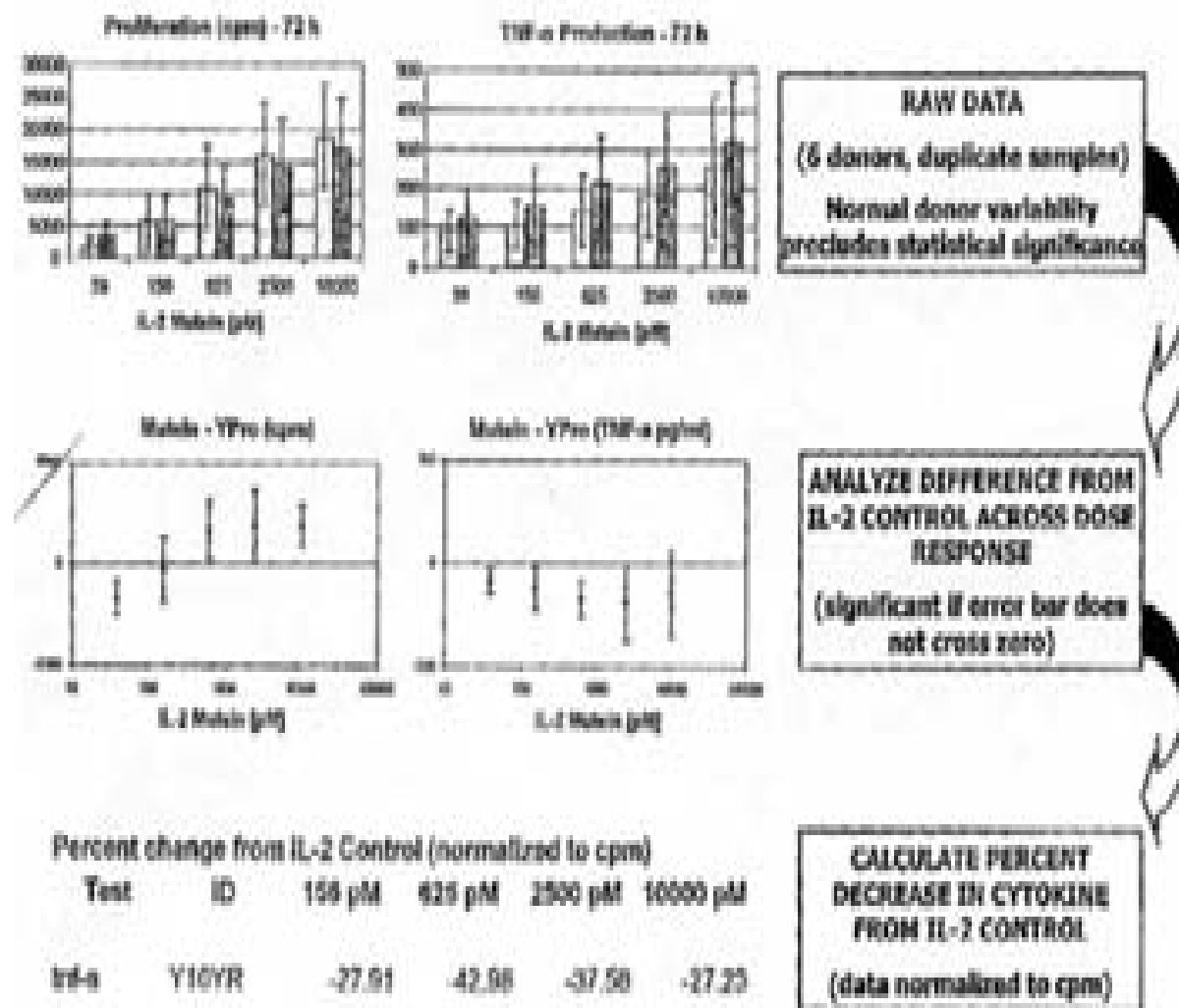
1)AUKERMAN,LEA**2)DENIS-MIZE,KIMBERLY****3)HEISE,CARLA****4)MENEZES,DANIEL****5)WISON,SUSAN E**

No of Pages : 131

No of Claims : 38

(57) Abstract :

Novel human interleukin-2 (IL-2) muteins or variants thereof, and nucleic acid molecules and variants thereof are provided. Methods for producing these muteins as well as methods for stimulating the immune system of an animal are also disclosed. In addition, the invention provides recombinant expression vectors comprising the nucleic acid molecules of this invention and host cells into which expression vectors have been introduced. Pharmaceutical compositions are included comprising a therapeutically effective amount of a human IL-2 mutein of the invention and a pharmaceutically acceptable carrier. The IL-2 muteins have lower toxicity than native IL-2 or Proleukin(R) IL-2, while maintaining or enhancing NK cell-mediated effects, and can be used in pharmaceutical compositions for use in treatment of cancer, and in stimulating the immune response.



(54) Title of the invention: METHOD AND DEVICE FOR MEASURING A MEASUREMENT OBJECT

(51) International classification

:G01B21/04;

G01B21/02

(31) Priority Document No

:102004017172.6

(32) Priority Date

:02/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/002960

Filing Date

:19/03/2005

(87) International Publication No

:WO2005/098354 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 :

LUGTENBURG,JAN,BERNDAddress of Applicant :Kalblesrainweg 83/1,73430 Aalen,Germany
Germany

(72)Name of Inventor :

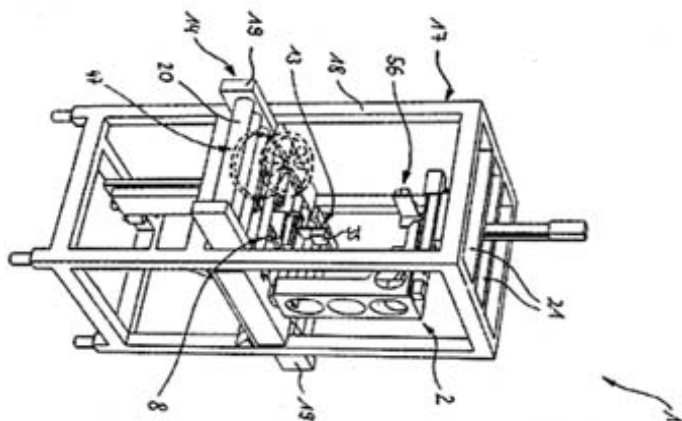
LUGTENBURG,JAN,BERND

No of Pages : 25

No of Claims : 19

(57) Abstract:

The invention relates to a method and device for measuring an object for measurement, comprising at least one reference structure for the definition of an object coordinate system, fixed with relation to the object, by means of a measuring system, which comprises at least one sensor system for recording a contour of the object for measuring in a measurement coordinate system. According to the invention, the object for measurement is placed in a measuring position in the recording region of the sensor system, the position of the object coordinate system is fixed by means of the reference structure, the object coordinate system is linked to the measurement coordinate system, the sensor system is turned about a rotation axis relative to the object for measurement, in order to determine contour data and a processing of the contour data carried out in an analytical unit, taking into account the position of the object coordinate system. The invention further relates to an application for contour determination.



(54) Title of the invention: METHODS FOR ALTERING INSULIN SECRETION.

(51) International classification	:A61K31/15; A61K31/16
(31) Priority Document No	:04005404.1
(32) Priority Date	:08/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/001322
Filing Date	:10/02/2005
(87) International Publication No	:WO2005/084651 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 :**
1)MERCK PATENT GMBH
Address of Applicant :Frankfurter Strasse 250,64293 Darmstadt Germany
(72)**Name of Inventor :**
1)LANG,FLORIAN

No of Pages : 24

No of Claims : 14

(57) Abstract:

Modulation of the activity of glucocorticoid inducible kinase SGK1 in pancreatic islet cells restores insulin release. Also disclosed are methods and compounds useful for the treatment of glucocorticoid induced diabetes mellitus type-2.

Fig. Nil

(54) Title of the invention: FABRICATED STRAIN SENSOR.

(51) International classification :G01L 1/22
 (31) Priority Document No :2004901907
 (32) Priority Date :13/04/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000523
 Filing Date :12/04/2005
 (87) International Publication No :WO2005/1000939
 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

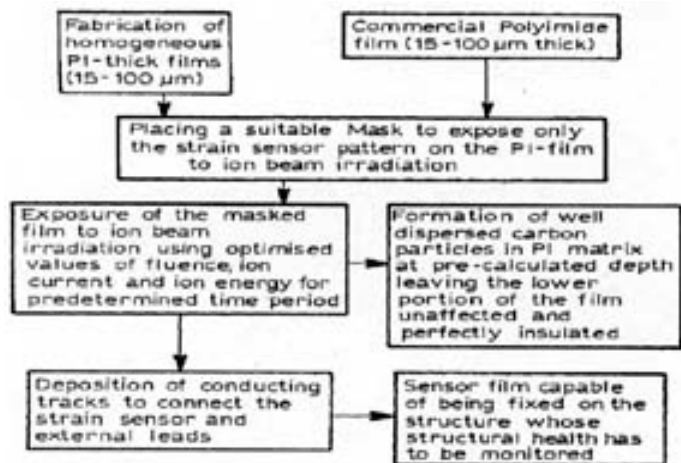
(71)Name of Applicant :
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 3179 Australia
 (72)Name of Inventor :
1)MAINWARING DAVID
2)MURUGARAJ,PANDIYAN

No of Pages : 16

No of Claims : 8

(57) Abstract :

A method of forming a strain sensor from a polymeric film includes the steps of selectively irradiating a surface of the polymer with high energy radiation to change the composition of the polymer and increase the electrical conductivity in selected portions of the surface. The radiation can create carbonized particles or metallic particles within the polymer and the changes in inter particle gaps between conducting particles in the polymer will result in strain dependent electrical properties in the treated polymer.



(54) Title of the invention: METHOD AND APPARATUS FOR ACCESSING A WIRELESS MULTICARRIER COMMUNICATION SYSTEM.

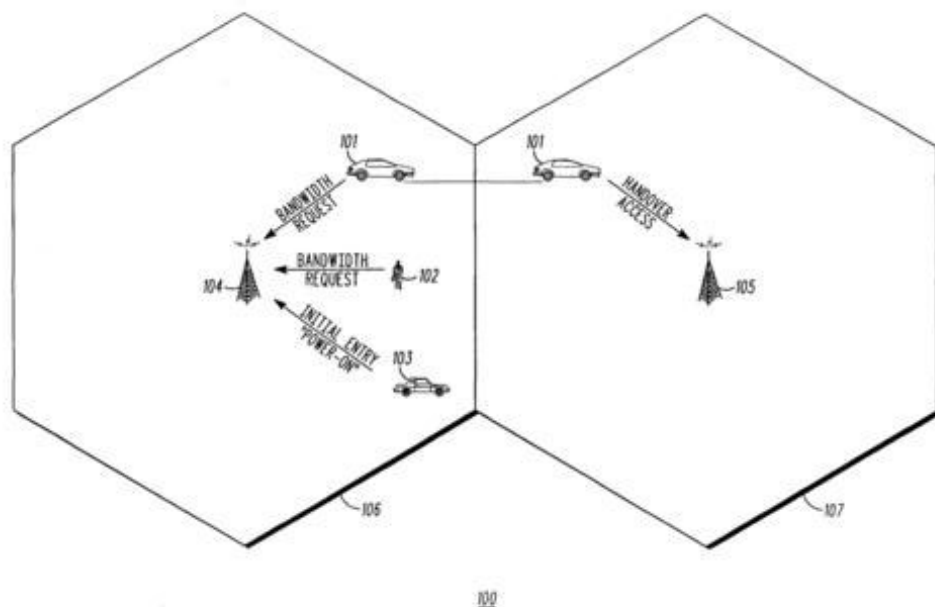
(51) International classification	:H04J3/16; H04B1/69	(71)Name of Applicant :
(31) Priority Document No	:60/582,493	1)MOTOROLA,INC
(32) Priority Date	:24/06/2004	Address of Applicant :1303 EAST ALGONQUIN ROAD
(33) Name of priority country	:U.S.A.	SCHAUMBURG ILLINOIS 60196 U.S.A.
(86) International Application No	:PCT/US2005/020297	(72)Name of Inventor :
Filing Date	:09/06/2005	1)BAUM KEVIN L.
(87) International Publication No	:WO2006/011953 A3	2)NANGIA VIJAY
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 10

(57) Abstract :

A subscriber station (101-103) accesses a multicarrier communication system (100) by determining (505) one or more channel characteristics that is indicative of a range of the subscriber station from a base station, selecting (510) an access code that generates an access signal having a peak to average power ratio, using the one or more channel characteristics, generating (515) an access signal from the access code, and transmitting (525) the access signal and also by determining (405) one or more channel characteristics of each frequency sub-band of a set of frequency sub-bands, selecting (410) a frequency sub-band of the set of frequency sub-bands based on the one or more channel characteristics, and transmitting (420) the access signal on the selected frequency sub-band.



(54) Title of the invention : METHOD FOR DISPATCH VOICE MESSAGING .

(51) International classification :H04M11/10;
H04Q7/20
(31) Priority Document No :10/841,104
(32) Priority Date :07/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011163
Filing Date :04/04/2005
(87) International Publication No :WO2005/115024 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)MOTOROLA,INCAddress of Applicant :1303 EAST ALGONQUIN ROAD SCHAMURG
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(72)Name of Inventor :

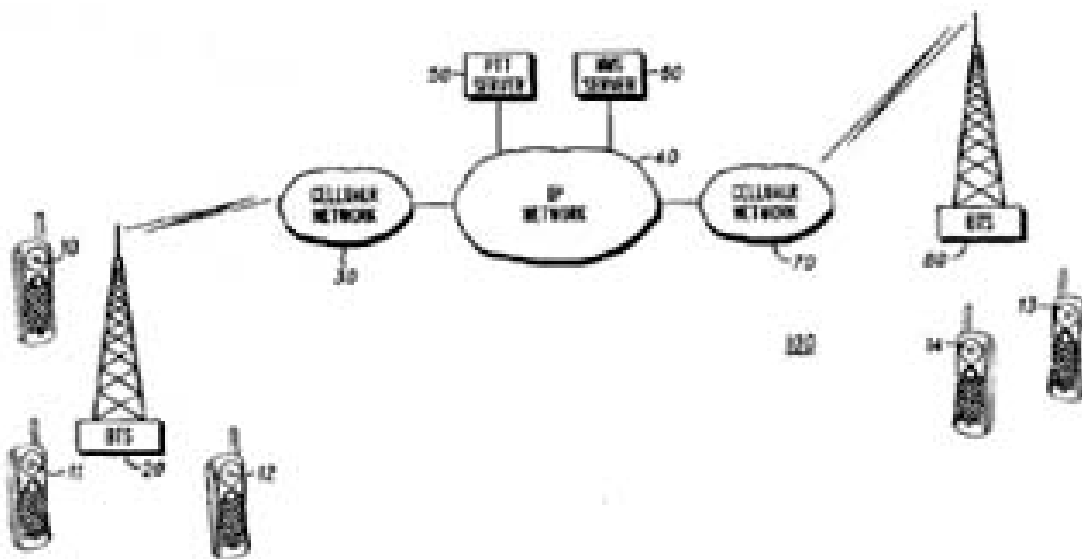
1)WORGER WILLIAM R.**2)FITZPATRICK MATTHEW D**

No of Pages : 13

No of Claims : 10

(57) Abstract :

For a push-to-talk arrangement in a dispatch call communication system (100), an originator (10) selects a group of called parties (11-14). A push-to-talk server (50) handles a dispatch call in a conventional manner. If all the called parties (11-14) do not respond, the originator is given an option to leave a message for an unavailable party (116). A multimedia message service server (60) is the storage medium for these messages. Any unavailable called subscribers (11-14) are provided an indication of a waiting message (128).



(54) Title of the invention : COUNTERFEIT-RESISTANT,METAL-FORMED IMAGES AND SECURITY DEVICES AND SECURITY DOCUMENTS EMPLOYING SAME.

(51) International classification	:B42D 15/00
(31) Priority Document No	:60/559,583
(32) Priority Date	:05/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010779
Filing Date	:31/03/2005
(87) International Publication No	:WO 2005/100040
(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)CRANE TIMOTHY T
2)MORCK-HAMILTON KARIN

No of Pages : 18

No of Claims : 22

(57) Abstract :

Counterfeit-resistant,metal-formed images for use with security documents such as banknotes and the like,are provided.The inventive images are difficult (if not impossible) to effectively simulate using metallic ink printing,foil transfer,or hot stamping techniques.Security devices that employ at least one such meatal-formed image and security documents that have at least one metal-formed image located on a surface thereof and/or that have at least one security device at least partially embedded therein or mounted thereon,are also provided.

(54) Title of the invention : MITOTIC KINESIN INHIBITORS.

(51) International classification

:C07D239/36;
C07D471/

(31) Priority Document No

:60/560,235

(32) Priority Date

:06/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/011642

Filing Date

:06/04/2005

(87) International Publication No

:WO2005/100357 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)CHIRON CORPORATIONAddress of Applicant :4560 HORTON STREET,EMERYVILLE CA
94608-2916 U.S.A.

(72)Name of Inventor :

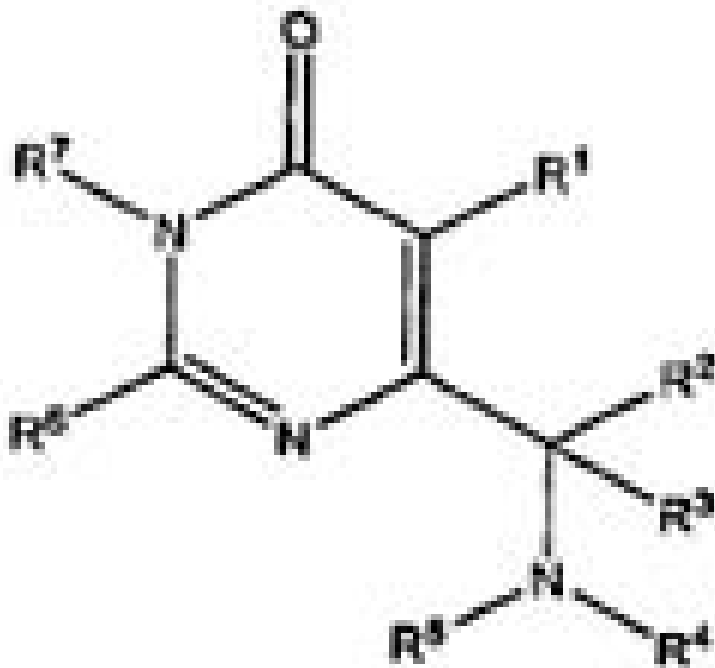
1)WANG WEIBO**2)CONSTANTINE RYAN****3)LAGNITON LIANA**

No of Pages : 89

No of Claims : 45

(57) Abstract :

The present invention relates to compounds that are useful for treating cellular proliferative diseases, for treating disorders mediated, at least in part, by KSP, and for inhibiting KSP. The invention also related to pharmaceutical compositions comprising such compounds, methods of treating cancer by the administration of such compositions, and processes for the preparation of the compounds. Compounds of the invention have the following formula : formula (I).



(54) Title of the invention : STEPPED TENDON WITH SEALED BULKHEADS FOR OFFSHORE PLATFORM.

(51) International classification :B63B21/50;
E02B1/00
(31) Priority Document No :60/561,831
(32) Priority Date :13/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012718
Filing Date :13/04/2005
(87) International Publication No :WO2005/100696 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 :

1)DEEPWATER MARINE TECHNOLOGY L.L.C.Address of Applicant :C/O.WALKERS SPV LIMITED P.O.BOX
908GT,87 MARY STREET GEORGE TOWN ,GRAND CAYMAN U.S.A.

(72)Name of Inventor :

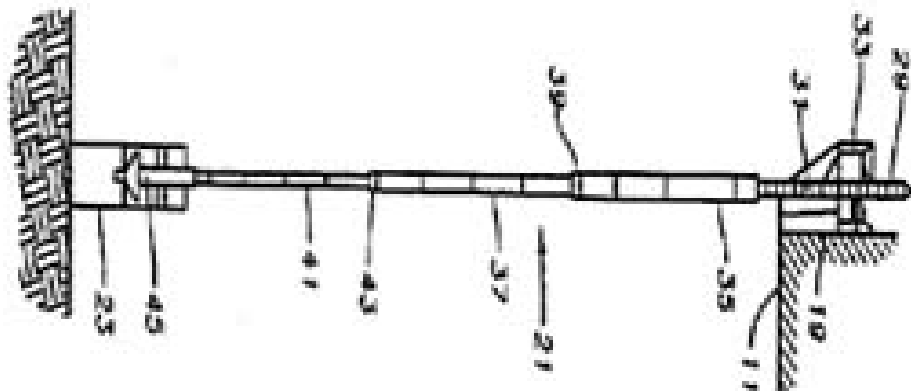
1)HUANG,EDWARD**2)LIAO,SHIHWEI**

No of Pages : 12

No of Claims : 17

(57) Abstract :

A tension leg platform is secured to the sea floor with a plurality of tendons, each of the tendons being in tension due to buoyancy of the platform. The tendons are made up of joints of pipe secured together to define a hollow interior sealed from entry of sea water. A lower section of the joints of pipe of each of the tendons has smaller inner and outer diameters and greater wall thicknesses than an upper section of the joints of pipe. Bulkheads are sealed within the interior of the upper and lower sections of the joints of pipe of each of the tendons. The bulkheads are spaced apart from each other along the lengths of the upper and lower sections of the joints of pipe to defined separate compartments sealed from each other.



(54) Title of the invention : DEVICE FOR CONNECTING A COAXIAL CABLE TO A HOUSING.

(51) International classification :H01R13/646
 (31) Priority Document No :102004043518.9
 (32) Priority Date :08/09/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/007959
 Filing Date :21/07/2005
 (87) International Publication No :WO2006/027047 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

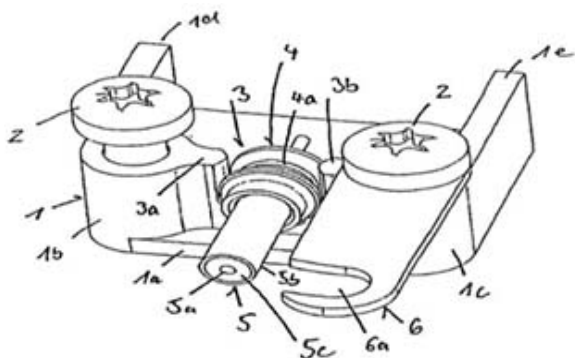
(71)**Name of Applicant :**
1)KATHREIN-WERKE KG
 Address of Applicant :ANTON-KETHREIN-STRASSE 1-3 83022
 ROSENHEIM Germany
 (72)**Name of Inventor :**
1)HEIBLER WOLFGANG
2)BERGER STEFAN

No of Pages : 33

No of Claims : 27

(57) Abstract :

The invention relates to an improved device for connecting a coaxial cable (5) to a housing, comprising the following characteristics: - a receiving element (3) of a coupling element (1) which can be connected to the housing, comprising an inlet wherein a connection element (4), wherein a coaxial cable is positioned, can be introduced in one direction which is essentially perpendicular to the axial axis of the connection element (4); the connection element (4) and the receiving element (3) of the coupling element (1) are formed in such a manner that a connection element introduced into the receiving element (3) touches one or several contact points (3d, 3d') in the receiving element (3) in order to contact the housing in a conductive manner; - the coupling element (1) comprises a clamping device (6) which can clamp the connection element (4) in a detachable manner in the clamping position (3). The clamping device (6) exerts a pressure on the inlet on the connection element (4) when in the clamping position and as a result, the connection element (4) presses on one or several contact points (3d, 3d').



(54) Title of the invention : LIPOPROTEIN BASED NANOPLATFORMS

(51) International classification	:A61K49/00; C07K14/77
(31) Priority Document No	:60/558,502
(32) Priority Date	:01/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011289
Filing Date	:01/04/2005
(87) International Publication No	:WO2006/073419 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)ZHENG,GANG
2)GLICKSON,JERRY,D

No of Pages : 114

No of Claims : 55

(57) Abstract :

The present invention provides a non-naturally occurring lipoprotein nanoplatform ("LBNP") comprising at least one cell surface receptor ligand; at least one lipoprotein; and at least one diagnostic agent and/or at least one therapeutic agent. In embodiments of the present invention, the cell surface receptor ligand is not a low-density lipoprotein receptor ligand and the cell surface receptor ligand is covalently bonded to the apoprotein. The present invention also provides pharmaceutical formulations comprising LBNPs and methods of making the LBNPs.

(54) Title of the invention : SUBSTRATE SUCH AS A GLASS SUBSTRATE,BEARING A FILM WITH PHOTOCATALYTIC PROPERTIES WHICH HAS BEEN MODIFIED TO ABSORB PHOTONS IN THE VISIBLE SPECTRUM

(51) International classification	:C03C 17/23
(31) Priority Document No	:0450728
(32) Priority Date	:09/04/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/050214
Filing Date	:07/04/2004
(87) International Publication No	:WO2005/102953 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 :

1)SAINT-GOBAIN GLASS FRANCE

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2)NADAUD,Nicolas;

(72)Name of Inventor :

1)LABROUSSE,Laurent**2)GUENEAU,Laetitia**

No of Pages : 17

No of Claims : 26

(57) Abstract :

The invention relates to a method of modifying a layer having photocatalytic and anti-fouling properties which is based on titanium dioxide (TiO₂) and which can absorb photons in the UV region and, in particular, in the UVA region, in order to render same capable of absorbing photons in the visible spectrum, said TiO₂-based layer being applied to a substrate either directly or with the insertion of at least one functional sub-layer. The invention is characterised in that the TiO₂-based layer is subjected to a heat treatment in an atmosphere comprising nitrogen or nitrogen and at least one reducing gas for a sufficient period of time in order to obtain the desired visible photon absorption property, said substrate and, if necessary, said sub-layer(s) having been selected for their ability to withstand the heat treatment.

(54) Title of the invention : SCOPE WARMING DEVICE

(51) International classification :A61B1/313;
A61B1/313
(31) Priority Document No :532195
(32) Priority Date :05/04/2004
(33) Name of priority country :New Zealand
(86) International Application No :PCT/NZ2005/000069
Filing Date :05/04/2005
(87) International Publication No :WO 2005/096916
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

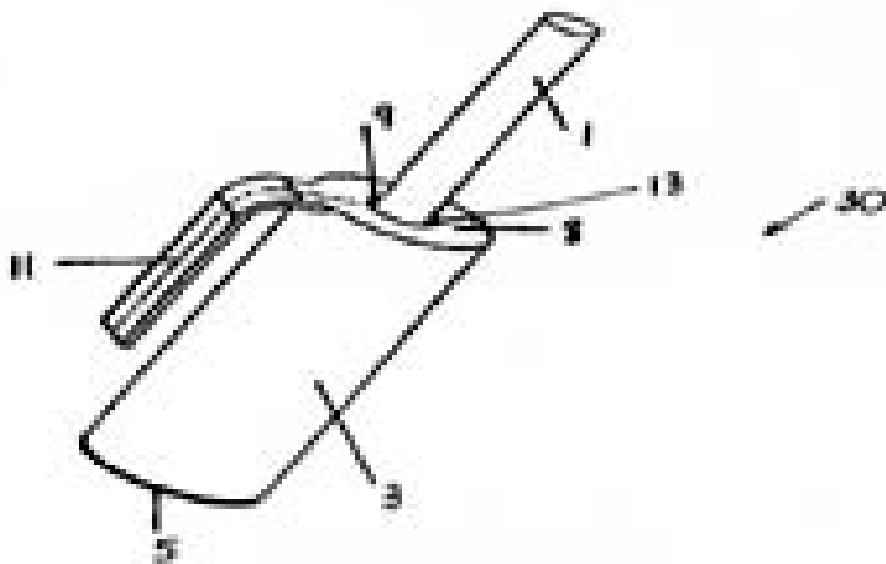
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1)BLACKHURST,MICHAEL JOSEPH
2)GULLIVER,LAURENCE
3)MURPHY,ROBERT ASHTON

No of Pages : 18

No of Claims : 19

(57) Abstract :

A warming device (30) for warming the lens portion (2) of an optical instrument (1), such as a laparoscope, to a temperature above ambient to prevent lens fogging comprising: a double walled cylindrical tube (3) having an internal wall (3b), and an external wall (3a), an upper surface and an open distal portion (7) with a central cavity (4) there between; a protrusion (9) extending from said upper surface, sized and shaped to receive the lens portion; a circular cap (5) sized to attach to said distal portion of said double walled cylindrical tube; and, a heating element (15) enclosed within said central cavity and thermally coupled to said insulation layer.



(54) Title of the invention : METHOD AND APPARATUS FOR REGULATING A DELIVERY OF A BROADCAST - MULTICAST SERVICE IN A PACKET DATA COMMUNICATION SYSTEM.

(51) International classification :H04B7/00;
H04B7/00
(31) Priority Document No :60/576,319
(32) Priority Date :02/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/018977
Filing Date :31/05/2005
(87) International Publication No :WO 2006/004594
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

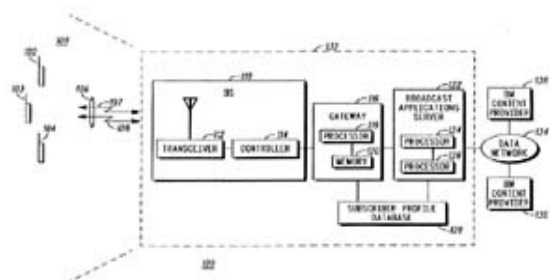
(71)**Name of Applicant :**
1)MOTOROLA , INC
Address of Applicant :1303 EAST ALGONQUIN ROAD,
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1)OPRESCU-SURCOBE VALENTIN
2)KELLY SEAN S.
3)PAYNE WILLIAM A.III
4)SMETANA JOSEPH R.

No of Pages : 41

No of Claims : 25

(57) Abstract :

A communication system (100) provides one or more of congestion information and subscriber information to a broadcast applications server (122) when the server receives a request to start a broadcast-multicast service in a coverage area (109) By providing the one or more of congestion information and subscriber information to the server, the server is able to make an informed, intelligent decision concerning blocking, unblocking, downgrading, or upgrading a broadcast-multicast flow of multiple broadcast-multicast flows requested for delivery to, or currently delivered to, the coverage area via a serving base station (110), and/or whether to add a new broadcast-multicast flow to the broadcast-multicast flows delivered to the coverage area.



(54) Title of the invention : PRINT JOB DATA PROCESSING FOR MULTI -HEAD PRINTERS.

(51) International classification :B41J2/355;
B41J2/515
(31) Priority Document No :10/806,627
(32) Priority Date :23/03/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/009754
Filing Date :23/03/2005
(87) International Publication No :WO 2005/095111
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

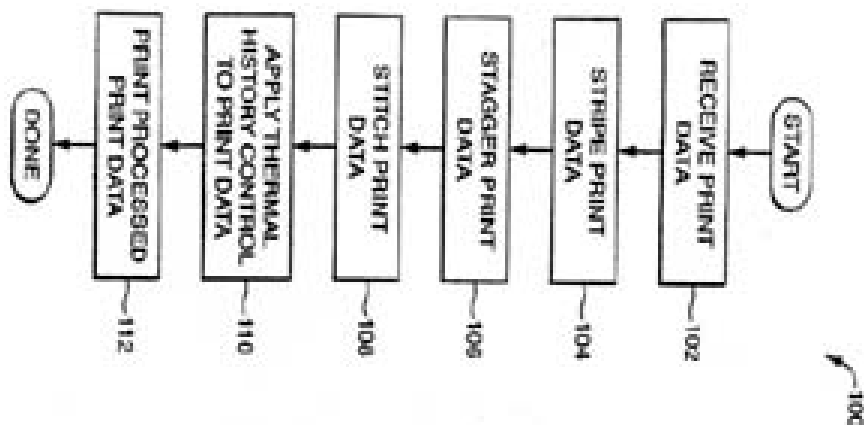
(71)**Name of Applicant :**
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02451 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)PURI ANISH N

No of Pages : 64

No of Claims : 18

(57) Abstract :

Techniques are disclosed for performing processing, such as striping, staggering, and stitching, on print data prior to printing by a multi-head printer. Subsets of the print data may be stored in multiple stages of buffers and processed in parallel to increase processing efficiency. Print data representing digital photographs may be processed sufficiently rapidly to enable continuous printing of digital photographs at high speeds. Parameters of the system, such as print buffer size and interrupt frequency, may be varied in response to design requirements such as overall system cost.



(54) Title of the invention : METHOD FOR OPERATING A SENSOR.

(51) International classification	:B60T8/88; G01C19/56
(31) Priority Document No	:102004018623.5
(32) Priority Date	:16/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/000727
Filing Date	:26/01/2005
(87) International Publication No	:WO2005/108925 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 :

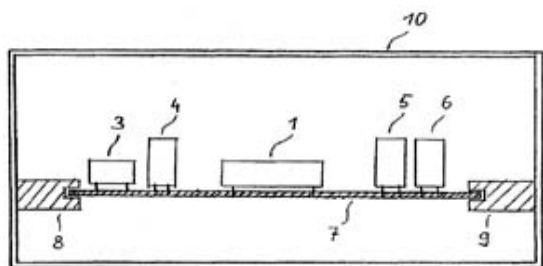
1)BOLZMANN,OLIVER**2)KUSTER,KLAUS**

No of Pages : 7

No of Claims : 7

(57) Abstract :

The invention relates to a method for operating a sensor (1), particularly, a yaw rate sensor, which is housed inside a housing (10). In order to detect the dangerous influence of mechanical vibrations upon the output measured value of the sensor (1), the vibrations are sensed at the location of the sensor (1), and the sensor (1) or an electronic device (3) interacting with the sensor (1) is switched off so long as the vibrations exceed an established intensity. The method can be used, in particular, in a driving dynamics control (FDR) of a road vehicle.



(54) Title of the invention : CHOLINESTERASE INHIBITORS IN LIPOSOMES AND THEIR PRODUCTION AND USE.

(51) International classification :A61K9/00;
A61K9/127
(31) Priority Document No :A696/2004
(32) Priority Date :22/04/2004
(33) Name of priority country :Austria
(86) International Application No :PCT/AT2005/000138
Filing Date :21/04/2005
(87) International Publication No :WO2005/102268 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

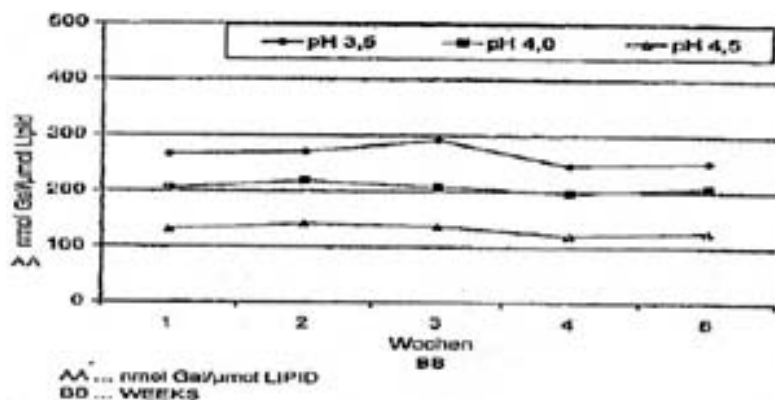
(71)Name of Applicant :
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(72)Name of Inventor :
1)BODENTEICH,ANGELIKA
2)BOCKMANN,JOSEF
3)FRANTSITS,WERNER
4)PIRICH,EBERHARD
5)WAGNER ANDREAS
6)VORAUER-UHL KAROLA

No of Pages : 42

No of Claims : 22

(57) Abstract :

The invention relates to a pharmaceutical composition based on an active ingredient that is enclosed in liposomes for topical, transdermal application. The interior of said liposomes comprises an acidic, aqueous medium containing at least 5one cholinesterase inhibitor, preferably from the group containing donepezil, rivastigmine, galantamine, physostigmine, heptylphysostigmine, phenserine, tolserine, cymserine, thiatolserine, thiacymsrine, neostigmine, huperzine, tacrine, metrifonate and dichlorvos, or an enantiomer or derivative of at least one of said compounds. In addition, the invention relates to a method for producing said composition, optionally loin a sterile form and also to the use of the liposomes charged with the active ingredient in various galenic formulations for topical, transdermal application with a depot effect in the epidermis, for the prophylaxis and/or treatment of cutaneous neuropathic pain or the loss of cutaneous sensory function as a result of neuropathy.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2888/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :06/10/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUBSTITUTED ORGANOSULFUR COMPOUNDS AND METHODS OF USING THEREOF.

(51) International classification	:A61K 31/513
(31) Priority Document No	:60/564,151
(32) Priority Date	:20/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/013474
Filing Date	:20/04/2005
(87) International Publication No	:WO2005/112933 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)AN,HAOYUN
3)WANG,XIAOBO

No of Pages : 143

No of Claims : 51

(57) Abstract :

The present invention provides substituted di-, tri-, tetra- and penta-sulfide compounds and compositions, and methods of using the same for the treatment and/or prevention of a cell proliferative disorder. The present invention also provides methods for preparing trisulfide compounds and compositions.

(54) Title of the invention : MEDICINAL AEROSOL FORMULATION PRODUCTS WITH IMPROVED CHEMICAL STABILITY .

(51) International classification	:A61K 9/72
(31) Priority Document No	:04011425.8
(32) Priority Date	:13/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/002041
Filing Date	:25/02/2005
(87) International Publication No	:WO2005/112902 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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(72)Name of Inventor :

1)MEAKIN,BRIAN**2)LEWIS,DAVID****3)JOHNSON,ROBERT****4)CHURCH,TANYA**

No of Pages : 24

No of Claims : 25

(57) Abstract :

The present invention relates to a ,medicinal aerosol formulation product with improved chemical stability, comprising a pressurized metered dose inhaler, comprising an aerosol canister equipped with a metering valve provided With sealing rings and/or gaskets made of a vulcanisate of an elastomeric composition of a butyl rubber, a cross-linking agent for the butyl rubber, and an accelerator for the cross-linking agent, wherein the accelerator includes a polysulphide compound derived from, a substituted dithiocarbonic acid or derivative thereof, wherein the pressurized metered dose inhaler contains in the aerosol canister a medicinal aerosol formulation containing along acting B2 agonist, a hydrofluorocarbon propellant, a co-solvent, and a mineral acid as a stabilizer for the active ingredient.

(54) Title of the invention : QUICK POSITION CLAMP AND VISE .

(51) International classification

:B25B5/10;
B25B5/00

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2004/008388

Filing Date

:19/03/2004

(87) International Publication No

:WO 2005/084891

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)THE CLAMP COMPANY,LLCAddress of Applicant :1289,BRIDGESTONE PARKWAY,
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(72)Name of Inventor :

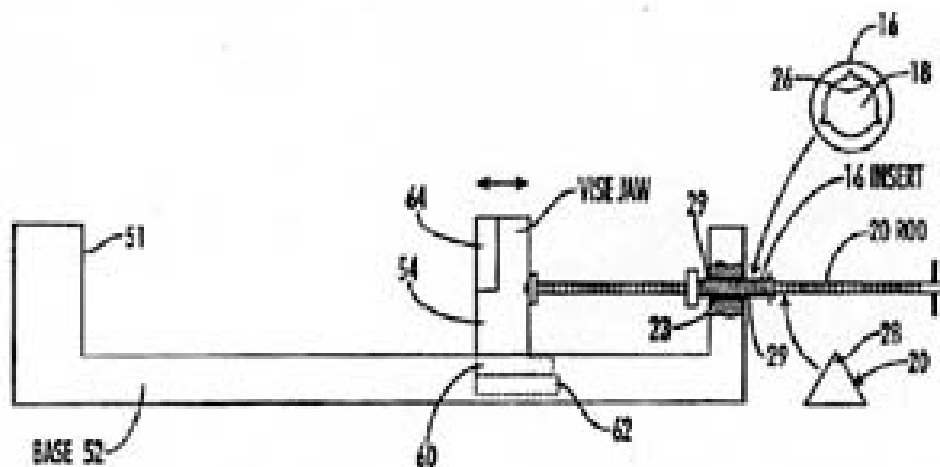
1)YATES,HOWARD,PRESTON**2)ESTES,M.REID,JR.**

No of Pages : 21

No of Claims : 20

(57) Abstract :

A tension rod positioning apparatus and method including a shaped threaded rod (20) inserted into a shaped threaded hole (22, 56) on an engagement collar (16). When the shaped rod (20) and shaped hole (22, 56) are aligned, the rod (20) may be freely positioned within the collar (16). When the shaped rod (20) is inserted into the collar (16) and turned, the rod (20) engages and turns the engagement collar (16). The engagement collar (16) includes an external thread (29) sized to fit an internal thread (23) on a clamp base (52). The rod (20) may be inserted and then turned to both engage the engagement collar (16) and increase the clamping pressure. The shaped rod (20) may be turned in the opposite direction to loosen the clamping pressure and disengage the engagement collar (16). Once the rod (20) and collar (16) have been disengaged by aligning the shaped rod (20) and shaped hole (22, 56), the rod (20) may be freely moved within the engagement collar (16) to reposition the clamp (10) for the next operation.



(54) Title of the invention : A HOMOGENIZER FOR THE CONTINUOUS TREATMENT OF FLUIDS AT VERY HIGH PRESSURE.

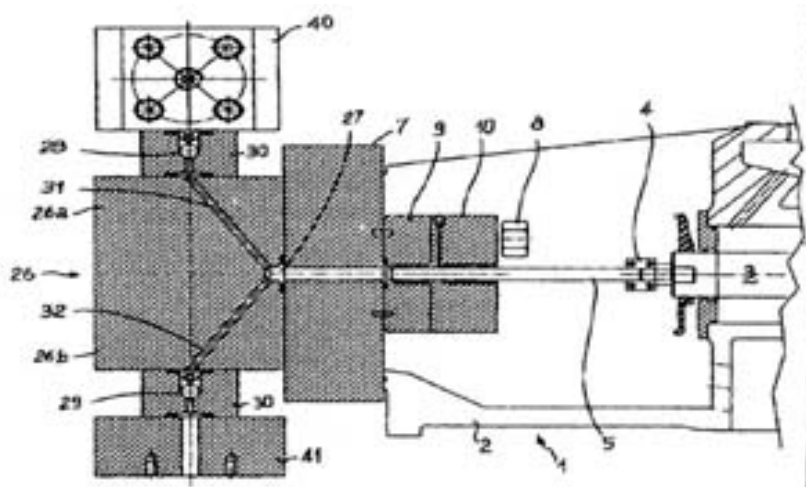
(51) International classification	:B01F5/00; F04B53/16	(71)Name of Applicant :
(31) Priority Document No	:PR2004A000031	1)NIRO-SOAVI S.p.A
(32) Priority Date	:09/04/2004	Address of Applicant :VIA MARIO DA ERBA EDOARI 29,I-43100
(33) Name of priority country	:Italy	PARMA Italy
(86) International Application No	:PCT/IB2004/051643	(72)Name of Inventor :
Filing Date	:01/09/2004	1)GRANDI,SIMONE
(87) International Publication No	:WO2005/097308	2)GANDINI,MARCO
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 20

No of Claims : 18

(57) Abstract :

A homogeniser , (1) for the continuous treatment of fluids at very, high pressure comprises at least one reciprocating plunger (5) in a compression chamber (6) and a guide chamber (11) from a fluid intake position to a delivery position. Said compression chamber (6) opens into a manifold (27) , inside a block (26) from which a delivery pipe (32) and an intake pipe (31) branch off. A first seal unit (21) is housed in the guide chamber (11) , a second seal unit (24) is located close to the intersection between the compression chamber (6) and the guide chamber (11) and a third seal unit (35) is positioned upstream and downstream of each valve (28, 29) and at the intersection between the manifold (27) and the compression chamber (6) .

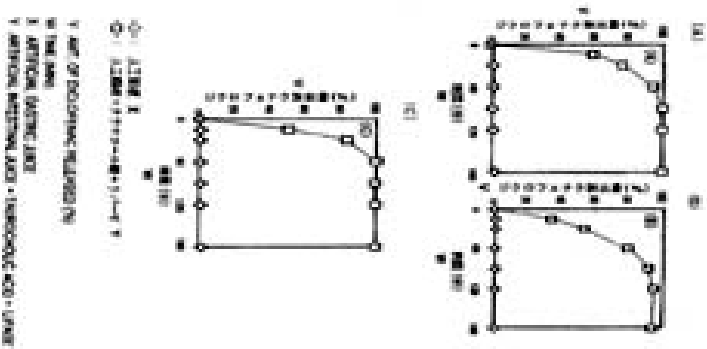


(54) Title of the invention : S/O TYPE PHARMACEUTICAL PREPARATION AND METHOD FOR PRODUCING THE SAME.

(51) International classification	:A61K 9/107	(71)Name of Applicant :
(31) Priority Document No	:JP2004-103347	1)ASPION CO.,LTD
(32) Priority Date	:31/03/2004	Address of Applicant :22,SUKETOBASHI 1-CHOME TOKUSHIMA-
(33) Name of priority country	:Japan	SHI TOKUSHIMA 770-0815 Japan
(86) International Application No	:PCT/JP2005/006812	(72)Name of Inventor :
Filing Date	:31/03/2005	1)GOTO MASAHIRO
(87) International Publication No	:WO2005/094789	2)KAMIYA NORIHO
	A1	3)HITARA AKIHIKO
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 44No of Claims : 27

(57) Abstract :
A pharmaceutical preparation having such characteristics that while the leakage of low-molecular medicine in a strong-acid environment is remarkably reduced, low-molecular medicine is reduced in the intestinal tract, etc. in a weak-acid to neutral environment. There is provided an S/O type pharmaceutical preparation having a medicine-containing complex dissolved or dispersed in an oil phase, characterized in that the complex is one comprising a mixture, containing a hydrophilic low-molecular medicine and a hydrophilic medicine-leakage-inhibiting protein and/or medicine-leakage-inhibiting polysaccharide, coated with a surfactant.



(54) Title of the invention : PHOSPHOLIPASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM.

(51) International classification :A01H5/00,C07K7/00,G01N33/53
 (31) Priority Document No :10/796,907
 (32) Priority Date :08/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/007908
 Filing Date :08/03/2005
 (87) International Publication No :WO2005/086900 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 :

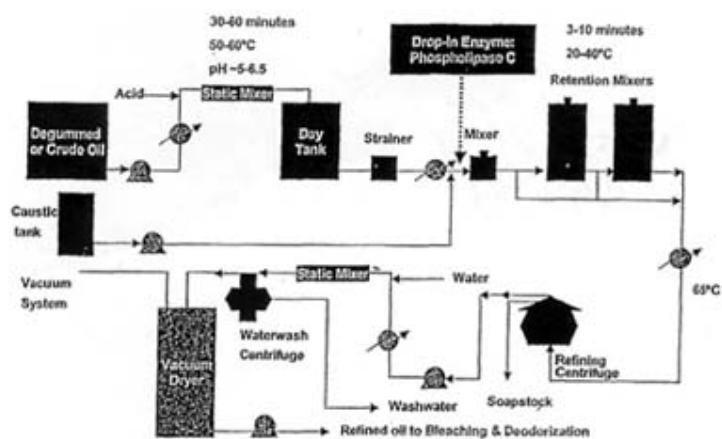
1)GRAMTIKOVA SVETLANA**2)HAZLEWOOD GEOFF****3)LAM DAVID****4)BARTON NELSON R****5)STURGIS BLAKE G****6)ROBERTSON DAN E****7)LI JINCAI****8)KREPS JOEL A****9)FIELDING RODERICK****10)BROWN ROBERT C****11)VASAVADA AMIT****12)TAN XUQIU****13)BADILLO ADRIAN****14)VAN HOEK WILHELMUS P****15)JANSSEN GISELLE****16)ISSAC CHARLES****17)BURK MARK J**

No of Pages : 445

No of Claims : 32

(57) Abstract :

The invention provides novel polypeptides having phospholipase activity, including, e.g., phospholipase A, B, C and D activity, patatin activity, phosphatidic acid phosphatases (PAP) and/or lipid acyl hydrolase (LAH) activity, nucleic acids encoding them and antibodies that bind to them Industrial methods, e.g., oil degumming, and products comprising use of these phospholipases are also provided.



(54) Title of the invention : ELECTROMAGNETIC TREATMENT OF MAMMALS

(51) International classification

:A61N2/02;

A61N2/00

(31) Priority Document No

:2004/1918

(32) Priority Date

:09/03/2004

(33) Name of priority country

:South Africa

(86) International Application No

:PCT/IB2005/000590

Filing Date

:09/03/2005

(87) International Publication No

:WO2005/089870

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)EMF TECHNOLOGIES

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(72)Name of Inventor :

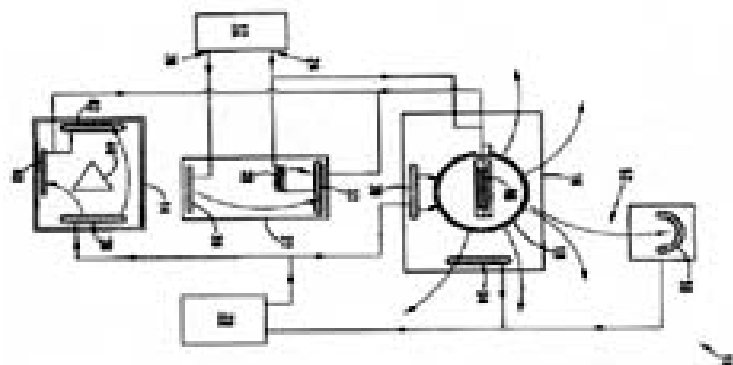
1)KOKORIN,Boris

No of Pages : 10

No of Claims : 24

(57) Abstract :

A system for the electromagnetic treatment of mammals has a signal generator for generating an electromagnetic signal, an organic filter for supplying a desired spectrum of electromagnetic signals, and a radiating antenna for radiating the desired spectrum. In a method of treating a mammal, an electromagnetic signal is generated, the generated signal is supplied to an organic filter to provide signals with a desired spectrum and the desired spectrum of signals is radiated into a space occupied by the mammal to be treated. A feedback antenna receives the radiated signals and provides a feedback signal which is amplified and supplied to the filter. In particular, the filter may have a driven antenna, a filter element containing a biological sample and a receiving antenna in a shielded housing.



(54) Title of the invention : AMETHOD FOR THE PRODUCTION OF A BIOLOGICALLY ACTIVE PROSTHETIC DEVICE FOR THE RECONSTRUCTION OF BONE TISSUE AND THE PROSTHETIC DEVICE ITSELF

(51) International classification

:A61F2/28;

A61L27/12

(31) Priority Document No

:04425224.5

(32) Priority Date

:30/03/2004

(33) Name of priority country

:EUROPEAN

UNION

(86) International Application No

:PCT/IB2005/000852

Filing Date

:29/03/2005

(87) International Publication No

:WO2005/094730

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 :

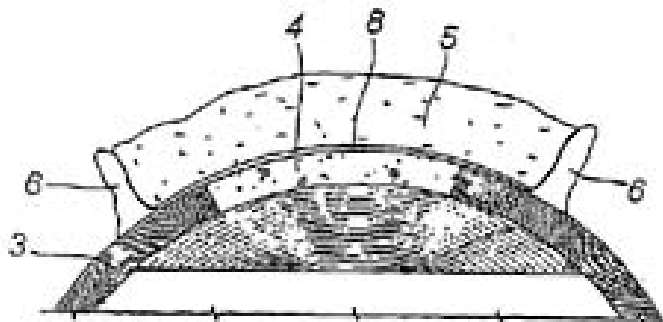
1)MARTINETTI,ROBERTA**2)NATALONI,ANGELO****3)BELPASSI,ANDREA**

No of Pages : 29

No of Claims : 10

(57) Abstract :

The invention relates to a method for the production of a biologically active prosthetic device for the reconstruction of bone tissue comprising the steps of a CAT (Computerized Axial Tomography) scan of the patient and obtaining a three-dimensional electronic mode] (1) of the part of the bone and of a bone defect (2) to be reconstructed, production by prototyping of a prototype resin mode] (3) of the area of the patient's bone involved, forming of a model (4), of the patient's bone defect to be reconstructed, construction of a negative mould (5), production of a ready sintered ceramic semi-finished product with controlled and interconnected porosity, said semi-finished product being made with dimensions and shape slightly larger than the bone defect mechanical processing and manual finishing of the sintered semi-finished product, to obtain the precise dimensions and shape of the bone defect, the invention also relating to the prosthetic device obtained using the method described above.



(54) Title of the invention : A PRESSURE TURBINE

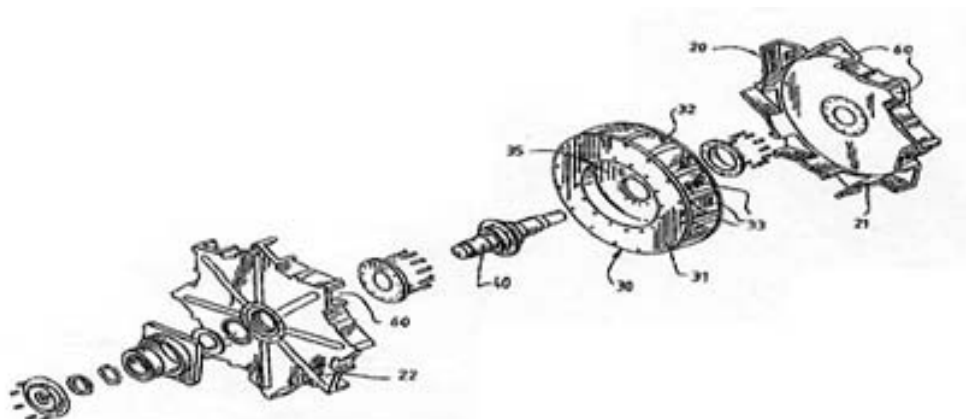
(51) International classification	:F01D1/02; F01D1/18	(71) Name of Applicant :
(31) Priority Document No	:2004901257	1)VAZQUEZ,WALTER
(32) Priority Date	:11/03/2004	Address of Applicant :11 LYNWOOD AVENUE,DOONSIDE,NSW 2934
(33) Name of priority country	:Australia	Australia
(86) International Application No	:PCT/AU2005/000325	(72) Name of Inventor :
Filing Date	:08/03/2005	1)VAZQUEZ WALTER
(87) International Publication No	:WO2005/088117 A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 5

(57) Abstract :

A turbine having a housing (20) containing a rotatable concentric inner member (30) with a central shaft (40) and a plurality of generally axially oriented blades (33) extending between an exterior face of a peripheral wall of the inner member and an inner face of a peripheral wall (21) of the housing (20), the space between said walls defining a channel into which a fluid may pass. A fluid may be directed through at least one inlet (60) in the housing peripheral wall (21) to act on a blade (33) and fill the space between adjacent blades (33) and thereby cause the inner member (30) to rotate, the fluid leaving the turbine through an outlet in the housing peripheral wall (21).



(54) Title of the invention : 1-AMINO PHTHALAZINE DERIVATIVES THE PREPARATION AND THE THERAPEUTIC USE THEREOF

(51) International classification :C07D 401/12
 (31) Priority Document No :04/03,806
 (32) Priority Date :13/04/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000889
 Filing Date :13/04/2005
 (87) International Publication No :WO2005/103033 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

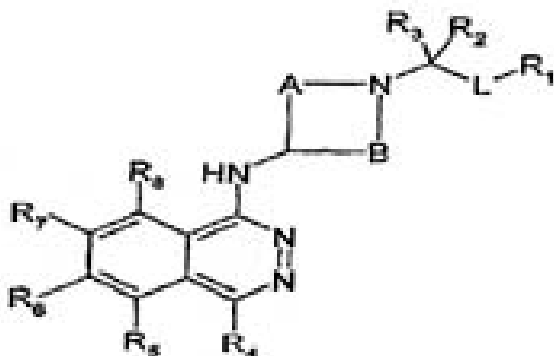
(71)**Name of Applicant :**
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 Address of Applicant :174,AVENUE DE FRANCE FR-75013 PARIS
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 (72)**Name of Inventor :**
1)AUGEREAU JEAN MICHEL
2)GESLIN MICHEL
3)COURTEMANCHE GILLES

No of Pages : 187

No of Claims : 10

(57) Abstract :

The invention relates to 1-amino-phthalazine derivatives of general formula (I), wherein A, B = possibly substituted C1-4-alkylene; L = a simple bond or C1-2-alkylene, possibly substituted -CH=CH-, or -C=C- or cycloprop-1,2--diyl; R1 = possibly substituted aryl or heteroaryl; R2, R3 = H, C1-3-alkyl, C1-3-fluoralkyl or R2 et R3 forming together with a bearing them carbon atom, a cycloprop-1,1-diyl; R4 = H, C1-5-alkyl, C1-3-fluoralkyl, C3-6-cycloalkyl, C3-6-cycloalkyl-C1-3-alkylene, C1-3-alkyl-O-C1-3-alkylene, HO-C1-3-alkylene, C1-3-alkyl-X-C1-3-alkylene, wherein X = S, SO or SO2; or R4 = RaRbN-C1-3-alkylene, aryl, aryl-C1-3-alkylene, aryl-O-, aryl-O-C1-3-alkylene, aryl-C1-3-alkylene-O-C1-3-alkylene, heteroaryl or heteroaryl-C1-3-alkylene; R5 = H, halogen, C1-5-alkyl, C1-3-fluoralkyl, C1-5-alkoxy, C1-3-fluoroalkoxy, HO-C1-3-alkylene, -CN, C1-3-alkyl-X-, wherein X = S, SO or SO2; or R5 = RaRbN-, RaRbN-C1-3-alkylene, aryl, aryl-C1-3-alkylene, aryl-O- or heteroaryl; R6 = H, halogen, C1-5-alkyl, C1-3-fluoralkyl, C1-5-alkoxy, C1-3-fluoroalkoxy, -CN, RaRbN-, RaRbN-C1-3-alkylene, aryl or heteroaryl ; R7 = H, halogen, C1-5-alkyl, C1-3-fluoralkyl, C1-5-alkoxy, C1-3-fluoroalkoxy, HO-C1-3-alkylene, -CN, C1-3-alkyl-X-, wherein X = S, SO or SO2; or R7 = RaRbN-, RaRbN-C1-3-alkylene, ReRbNC(O)-, C1-3-alkyl-C(O)-, aryl, aryl-O- or heteroaryl ; R8 = H, halogen, C1-5-alkyl, C1-5-alkoxy, C1-3-fluoroalkoxy ; in the form of base or acid additional salt and in the form of a hydrate or solvent. A method for preparing and using the inventive derivatives for therapeutically purpose is also disclosed.



(54) Title of the invention : 6-SUBSTITUTED PYRIDOINDOLONE DERIVATIVES PRODUCTION AND THERAPEUTIC USE THEREOF

(51) International classification :C07D 471/04
 (31) Priority Document No :04/04,251
 (32) Priority Date :21/04/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/000971
 Filing Date :20/04/2005
 (87) International Publication No :WO2005/108398 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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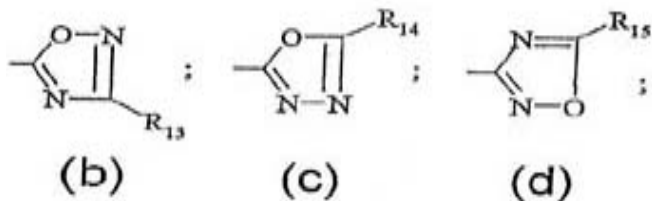
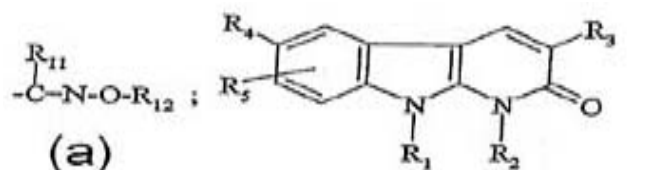
1)BOURRIE BERNARD**2)CASELLAS PIERRE****3)DEROCQ JEAN-MARIE****4)JEGHAM SAMIR****5)MUNEAUX YVETTE****6)WERMUTH CAMILLE-GEORGE****7)CIAPETTI PAOLA**

No of Pages : 119

No of Claims : 14

(57) Abstract :

The invention relates to compounds of formula (I), where R₁ = H, C₁-C₄ alkyl, -(CH₂)_mOH, -(CH₂)_mCN, or -(CH₂)_mNR₉R₁₀, R₂ = H, or C₁-C₄ alkyl, R₃ = phenyl substituted by R₆, R₇ or R₈, R₄ = a group of formula (a), a heterocyclic group selected from formulae (b), (c), or (d) and R₅ = H or C₁-C₄ alkyl-
 The invention further relates to a production method and therapeutic application thereof.



(54) Title of the invention : ARTIFICIAL MUTATION CONTROLS FOR DIAGNOSTIC TESTING

(51) International classification :C07H 21/04

(31) Priority Document No :60/552,979

(32) Priority Date :11/03/2004

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

(86) International Application No :PCT/US2005/008108

Filing Date :11/03/2005

(87) International Publication No :WO2005/086938 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)GRODY,WAYNE W**2)JARVIS,MICHAEL,R****3)IYER,RAMASWAMY,K****4)WILLIAMS,LAURINA,O**

No of Pages : 55

No of Claims : 73

(57) Abstract :

Disclosed are artificial compositions that can be used as positive controls in a genetic testing assay, such as a diagnostic assay for a particular genetic disease. Such controls can be used to confirm the presence or absence of a particular mutation. Also provided are methods of generating such compositions, and methods of their use.

(54) Title of the invention : PLURIPOTENT STEM CELL GROWING METHOD.

(51) International classification	:C12N5/06; C12N5/08	(71) Name of Applicant : 1)Toshihiro AKAIKE Address of Applicant :15-23,Shimohouya 4-chome,Nishitokyoshi Tokyo,202-0004 Japan
(31) Priority Document No	:2004-085393	2)Keiichi FUKUDA
(32) Priority Date	:23/03/2004	3)Daiichi Asubio Pharma Co.,Ltd
(33) Name of priority country	:Japan	(72) Name of Inventor :
(86) International Application No	:PCT/JP2005/006006	1)Toshihiro AKAIKE
Filing Date	:23/03/2005	2)Keiichi FUKUDA
(87) International Publication No	:WO2005/090557	3)Masato NAGAOKA
	A1	4)Uichi KOSHIMIZU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 76

No of Claims : 11

(57) Abstract :

A novel method of proliferating pluripotent stem cells, such as ES cells. There are provided methods of proliferation and gene introduction for pluripotent stem cells, comprising culturing pluripotent stem cells in conditions maintaining their state of being unspecialized and differentiation-pluripotent, characterized in that by the use of a liquid culture medium and a culture vessel having a given concentration of molecules capable of adhering to the pluripotent stem cells applied to a substrate solid phase surface through immobilization or coating, proliferation or gene introduction/ expression for the pluripotent stem cells is carried out in dispersed form while maintaining their state of being unspecialized and differentiation-pluripotent without the use of any feeder cells.

(54) Title of the invention : SLURRY BUBBLE COLUMN REACTOR.

(51) International classification :B01J8/18; B01J8/22
 (31) Priority Document No :0407621.2
 (32) Priority Date :02/04/2004
 (33) Name of priority country :Norway
 (86) International Application No :PCT/GB2005/001104
 Filing Date :23/03/2005
 (87) International Publication No :WO2005/094979 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

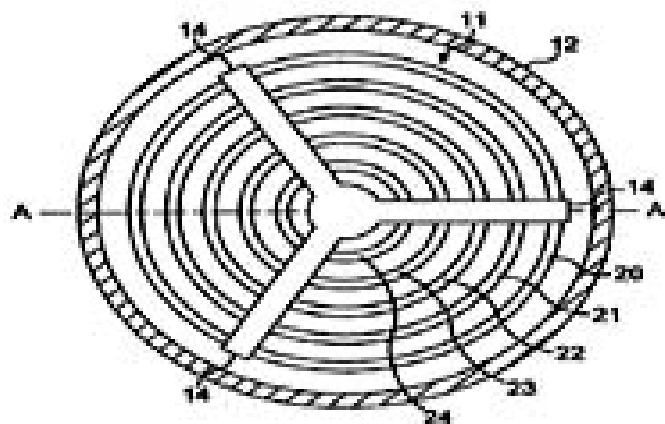
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2)PETRO SA
 (72)**Name of Inventor :**
1)Trond MYRSTAD
2)Arene,GRISLINGAS
3)Pal,SORAKER
4)Petter ,LIAN
5)Hallvard,SVENDSEN

No of Pages : 26

No of Claims : 29

(57) Abstract :

A slurry bubble column reactor comprising a slurry zone arranged to contain in use a volume of slurry comprising a liquid phase in which solid particles are suspended, a gas space above the slurry zone, gas supply apparatus (11) arranged to supply gas to the slurry zone, a gas outlet from the gas space, and a liquid outlet. The gas supply apparatus (11) comprises a gas supply pipe (13), gas manifolds (14) tubular distribution rings (20-24) and a set of gas nozzles (40). The nozzles (40) open downwards and are arranged in use to inject gas into the slurry zone of the reactor (11), thereby forming downwardly extending gas jets of length L in the slurry. The nozzles (40) are distributed generally evenly across the cross section of the reactor (11) and are arranged to direct their gas jets towards the bottom of the reactor (11), in order to dislodge settling catalyst particles.



(54) Title of the invention : CONJUGATES OF HYDROXYALKYL STARCH AND A PROTEIN, PREPARED BY REDUCTIVE AMINATION.

(51) International classification	:A61K 47/48
(31) Priority Document No	:60/552,217
(32) Priority Date	:11/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/002653
Filing Date	:11/03/2005
(87) International Publication No	:WO2005/092928
(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)CONRADT,Harald
4)HACKET,Frank
5)LANGER,Klaus
6)ORLANDO,Michele
7)FRANK,Ronald

No of Pages : 220

No of Claims : 35

(57) Abstract :

The present invention relates to conjugates of hydroxyalkyl starch, preferably hydroxyethyl starch, and a protein, wherein these conjugates are formed by a reductive amination reaction between at least one aldehyde group or keto group or hemiacetal group of the hydroxyalkyl starch or of a derivative of the hydroxyalkyl starch, and at least one amino group of the protein, so that the hydroxyalkyl starch or the derivative thereof is covalently linked to the protein via an azomethine linkage or a amino linkage. The present invention also relates to the method of producing these conjugates and specific uses of the conjugates.

(54) Title of the invention : SUBSTITUTED QUINOLINE DERIVATIVES AS MITOTIC KINESIN INHIBITORS.

(51) International classification :C07D 215/12
 (31) Priority Document No :60/573,120
 (32) Priority Date :21/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/017961
 Filing Date :19/05/2005
 (87) International Publication No :WO 2005/113507
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

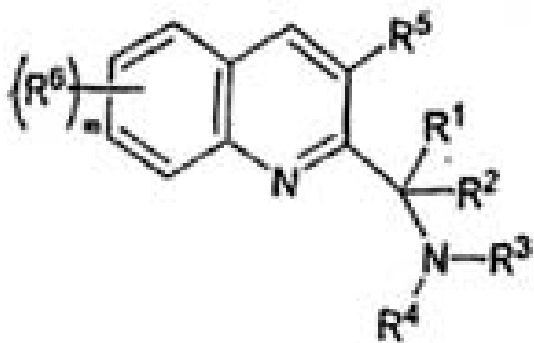
(71)Name of Applicant :
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 Address of Applicant :4560,HORTON STREET, EMERYVILLE,CA
 94608-2916, U.S.A. U.S.A.
 (72)Name of Inventor :
1)WANG,WEIBO
2)CONSTANTINE,RYAN
3)LAGNITON,LIANA MARIE
4)BAIR,KENNETH

No of Pages : 72

No of Claims : 40

(57) Abstract :

The present invention relates to new substituted quinoline compounds and pharmaceutically acceptable salts, esters or prodrugs thereof, compositions of the new compounds together with pharmaceutically acceptable carriers, and uses of the new compounds as kinesin spindle protein inhibitors. The compounds of the invention have the following general formula (I).



(54) Title of the invention : SWITCHED MULTI-BEAM ANTENNA.

(51) International classification

:H01Q1/38;
H01Q3/24

(31) Priority Document No

:60/562,097

(32) Priority Date

:12/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/012333

Filing Date

:12/04/2005

(87) International Publication No

:WO 2005/114789

(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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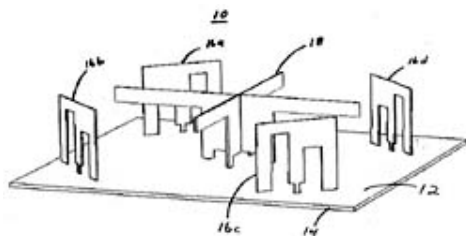
1)ABRAMOV,OLEG J.**2)ROBISON,DAVID B****3)SHAMBLIN,JEFFREY****4)NAGAEV,FARID I.****5)VISURI,PERTTI**

No of Pages : 27

No of Claims : 27

(57) Abstract :

An antenna assembly includes a common reflector and multiple monopole type antenna elements positioned on a ground plane and fed with a switch assembly. The switch assembly is capable of feeding individual antennas as well as combining multiple antennas for improved radiation pattern coverage. Multiple antenna elements are placed around the common reflector to cover sectors of space around the antenna assembly to provide transmission and reception of radio frequency (RF) signals for mobile communication devices in a wireless network. The ground plane can be grounded or capacitively coupled to an existing circuit board or metal surface, allowing for reduced ground plane dimensions.



(54) Title of the invention : ARYL SULFONAMIDE AND SULFONYL COMPOUNDS AS MODULATORS OF PPAR AND METHODS OF TREATING METABOLIC DISORDERS

(51) International classification :C07D 211/96
 (31) Priority Document No :60/560,579
 (32) Priority Date :07/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/011751
 Filing Date :07/04/2005
 (87) International Publication No :WO 2005/115983
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

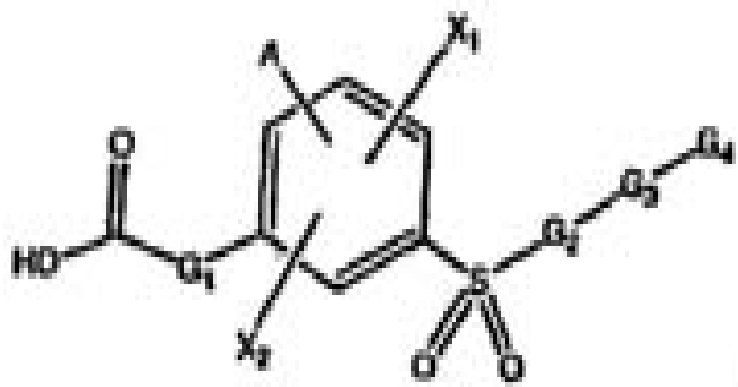
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4)DURON SERGIO GONZALEZ
5)LINDSTROM ANDREW KENNETH
6)SHIAU ANDREW K

No of Pages : 206

No of Claims : 101

(57) Abstract :

Aryl sulfonamide and sulfonyl compounds of formula (I) as modulators of peroxisome proliferator activated receptors, pharmaceutical compositions comprising the same, and methods of treating disease using the same are disclosed.



(54) Title of the invention : MICROPARTICULATE ORAL GALENICAL FORM FOR THE DELAYED AND CONTROLLED RELEASE OF PHARMACEUTICAL ACTIVE PRINCIPLES.

(51) International classification	:A61K 9/16
(31) Priority Document No	:10/826,690
(32) Priority Date	:19/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/EP2005/005551
Filing Date	:19/04/2005
(87) International Publication No	:WO 2005/099671
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 25

No of Claims : 22

(57) Abstract :

The invention relates to a microparticulate system for the delayed and controlled release of active principles (AP) whose absorption window in vivo is essentially limited to the upper parts of the gastrointestinal tract, this system being intended for oral administration. The object of the invention is to provide a system ensuring that the AP is released with certainty by means of a dual mechanism of "time dependent" and pH dependent" release. To achieve this object, the invention proposes a multimicrocapsular oral galenical form which is designed so as to guarantee therapeutic efficacy, and in which the release of the AP is governed by a dual release triggering mechanism that is "timetriggering" and "pH-triggering". This system comprises of microcapsules (200 to 600 um) comprising a core of AP coated with a film (maximum 40% by weight) comprising a hydrophilic polymer A (Eudragit® L) and a hydrophobic compound B (vegetable wax, melting point=40-90°C), B/A being between 0.2 and 1.5. These microcapsules have a dissolution behavior in vitro such that, at a constant pH of 1.4, a latency phase of between 1 and 5 hours is observed, followed by a release of the AP, and such that the change from pH 1.4 to pH 6.8 results in a release of the AP without a latency period in vitro.

(54) Title of the invention : DISTILLATION COLUMN.

(51) International classification

:B01D3/00;
B01D3/14

(31) Priority Document No

:102004015727.8

(32) Priority Date

:29/03/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/003272

Filing Date

:29/03/2005

(87) International Publication No

:WO2005/092463 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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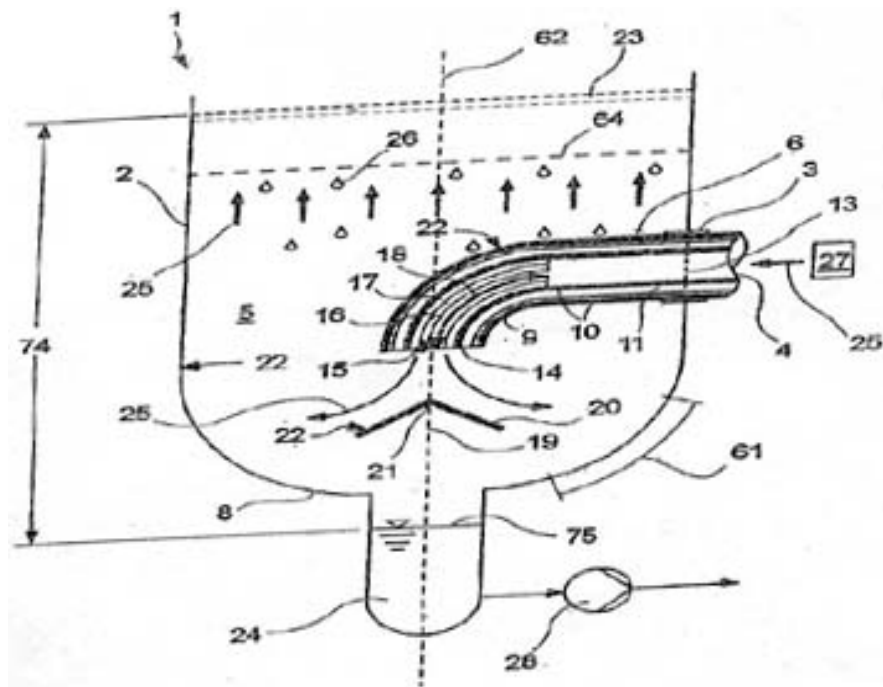
1)MOSLER,Jurgen

No of Pages : 49

No of Claims : 26

(57) Abstract :

Column (1) for distillation of a polymerisable material, whereby the column (1) comprises a container (2) with a lower floor (8), as well as at least one inlet (4) for the polymerisable material, which leads into an inner region (5) of the column (1), characterised in that means for uniform distribution of the material in the container (2) are provided.



(54) Title of the invention : METHODS FOR MODULATING GLUTAMATE RECEPTORS FOR TREATING NEUROPSYCHIATRIC DISORDERS COMPRISING THE USE OF MODULATORS OF SERUM AND GLUCOCORTICOID INDUCIBLE KINASES.

(51) International classification	:A61K31/165; A61K31/5
(31) Priority Document No	:04005761.4
(32) Priority Date	:11/03/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/001245
Filing Date	:08/02/2005
(87) International Publication No	:WO2005/094829 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)LANG,FLORIAN

No of Pages : 30

No of Claims : 5

(57) Abstract :

Modulation of the activity of serum and glucocorticoid inducible kinases to restore glutamate receptor activity. Also disclosed are methods and compounds useful for the detection and treatment of neuropsychiatric disorders..

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2909/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :10/10/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHODS FOR INTERFERING WITH FIBROSIS.

(51) International classification

:A61K31/00;
A61K31/16

(31) Priority Document No

:04005767.1

(32) Priority Date

:11/03/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2005/001246

Filing Date

:08/02/2005

(87) International Publication No

:WO2005/094796 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)LANG,FLORIAN

No of Pages : 29

No of Claims : 6

(57) Abstract :

Modulation of the of glucocorticoid inducible kinases to restore Connective tissue growth factor activity. Also disclosed are methods and compounds useful for the detection and treatment of fibroproliferative disorders.

(54) Title of the invention : THIENOPYRIDINE DERIVATIVES.

(51) International classification	:C07D 495/04
(31) Priority Document No	:2004-116366
(32) Priority Date	:12/04/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/007025
Filing Date	:11/04/2005
(87) International Publication No	:WO2005/100365
	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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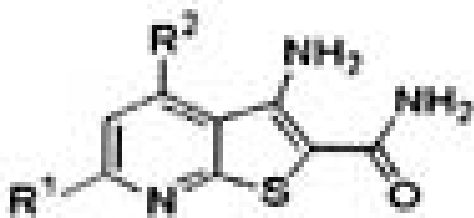
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4)TSUYOSHI SHINOZUKA
5)SATOSHI MATSUI
6)KOUSEI SHIMADA

No of Pages : 492

No of Claims : 17

(57) Abstract :

The invention provides osteogenesis-promoting compounds, namely, compounds represented by the general formula (I) and pharmacologically acceptable salts thereof: wherein R is H or alkyl; R is RS-, RO-, RNH-, R(R)N-, or cyclic amino; and R and R are each optionally substituted alkyl, optionally substituted cycloalkyl, or the like.



(54) Title of the invention : ORAL MODIFIED-RELEASE LOZENGES AND THEIR PREPARATION METHOD.

(51) International classification	:A61K 9/22
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:Argentina
(86) International Application No	:PCT/CN2004/000419
Filing Date	:29/04/2004
(87) International Publication No	:WO2005/105109 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)LOTUS PHARMACEUTICAL CO.,LTD Address of Applicant :11F.,NO200,Sec.,1,Fu-hsing S,Rd., Taipei,Taiwan RoO.C. Taiwan
(72) Name of Inventor : 1)LIN,Tongho;

No of Pages : 20

No of Claims : 10

(57) Abstract :

The present invention is related to a composition for a modified-release oral tablet, characterized in that comprising of: a micronized active ingredient for lowering blood glucose level with a particle size distribution in the range of: (1) at least 50% of the particles having a size (5 microns; (2) at least 90% of the particles having a size (15 microns; and (3) at least 95% of the particles having a size (25 microns; and a modified-release agent for controlling the release of the active ingredient; and a method for preparation of the composition.

(54) Title of the invention : COMPOSITIONS CAPABLE OF FACILITATING PENETRATION ACROSS A BIOLOGICAL BARRIER.

(51) International classification	:A61K47/10; A61K31/72
(31) Priority Document No	:60/562,345
(32) Priority Date	:15/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/0044183
Filing Date	:14/04/2005
(87) International Publication No	:WO 2006/097793
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)CHIASMA,LTD.,

Address of Applicant :P.O.BOX 3290, 4613 HERZELIYA, ISRAEL Israel

(72)Name of Inventor :

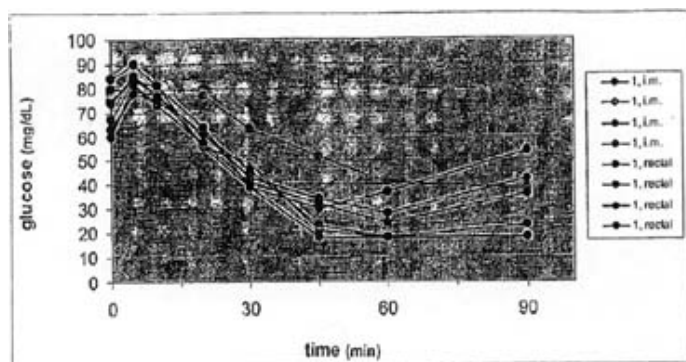
1)BEN-SASSON SHMUEL A

No of Pages : 56

No of Claims : 93

(57) Abstract :

This invention relates to novel penetrating compositions including one or more effectors included within a water soluble composition, immersed in a hydrophobic medium The invention also relates to methods of treating or preventing diseases by administering such penetrating compositions to affected subjects.



(54) Title of the invention : BATTERY SAFETY DEVICE AND BATTERY HAVING THE SAME.

(51) International classification

:H01M2/10;

H01M2/34

(31) Priority Document No

:10-2004 0026242

(32) Priority Date

:16/04/2004

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2005/001061

Filing Date

:12/04/2005

(87) International Publication No

:WO 2005/117164

(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 :

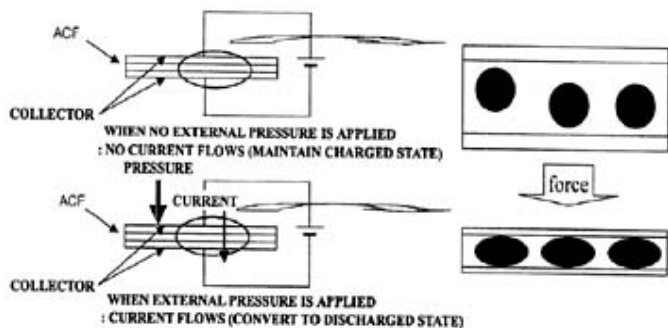
1)CHO JEONG-JU**2)CHANG SUNG-KYUN****3)JANG MIN-CHUL****5)LEE JAE-HYUN****6)LEE JOON-HWAN****7)HA SOO-HYUN**

No of Pages : 12

No of Claims : 11

(57) Abstract :

Disclosed is a battery safety device adapted to form an electrical circuit when compressed by a predetermined pressure or higher and convert the charged state of a battery to the discharged state, a battery having the safety device, and a method for adjusting the safety of a battery by converting the charged state of the battery to the discharged state, before the battery is damaged by a pressure, through an electrical circuit formed on a safety device by means of the pressure. The safety device has a first metal plate, a second metal plate, and a pressure-sensitive conducting film interposed between both metal plates and adapted to exhibit electrical conductivity when a predetermined pressure or higher is applied. The first and second metal plates are electrically connected to the positive and negative electrodes of the battery, respectively. The safety device connected to a battery prevents the battery from being damaged or at least from igniting or exploding, even when an external impact caused by a pressure, a nail, or a nipper or an external pressure is applied to the battery, by conducting the current of the battery to the safety device and discharging the battery before the battery is damaged by the external impact or external pressure.



(54) Title of the invention : METHOD FOR RECOVERING ACRYLIC ACID.

(51) International classification	:C07C 51/44
(31) Priority Document No	:10-2004-0029872
(32) Priority Date	:29/04/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/001199
Filing Date	:26/04/2005
(87) International Publication No	:WO 2005/105721
(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 :

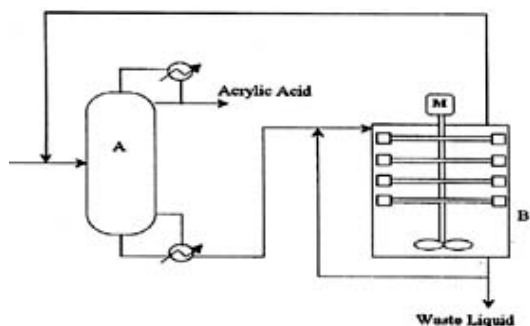
1)KANG SEONG-PIL**2)CHOI SEOK-HWAN****3)HA KYOUNG-SU****4)KO JUN-SEOK****5)WOO BOO-GON****6)KIM YOUNG-BAE**

No of Pages : 12

No of Claims : 11

(57) Abstract :

Disclosed is a simplified method for recovering acrylic acid from a mixture containing acrylic acid, acrylic acid dimer and impurities with high boiling point, in a stable and efficient manner. The method comprises the steps of: introducing the mixture into an acrylic acid recovering device comprising an acrylic distillation unit integrated with an acrylic acid dimer yrolysis tank; carrying out decomposition of acrylic acid dimer under reduced pressure and recovering acrylic acid. The method optionally further comprises a step of recycling a portion of the solution obtained from the bottom of the acrylic acid recovering device to the acrylic acid recovering device.



(54) Title of the invention : IMPROVED MODIFIED SUBSTRATE FOR REMOVING AQUEOUS OXYANIONS.

(51) International classification	:C02F 11/00
(31) Priority Document No	:2004901229
(32) Priority Date	:10/03/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/AU2005/000332
Filing Date	:09/03/2005
(87) International Publication No	:WO 2005/085142
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

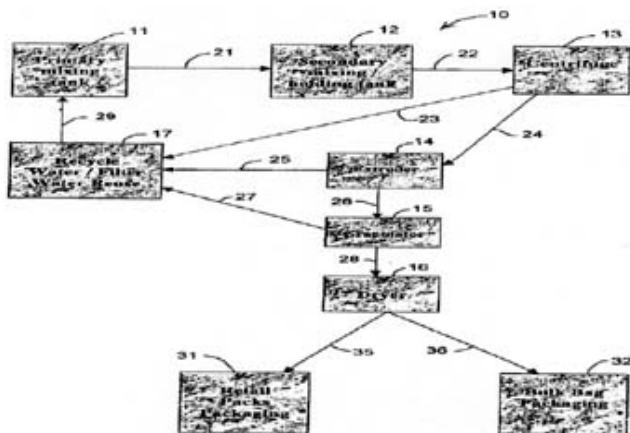
(71)Name of Applicant :
1)PHOSLOCK PTY LTD.
 Address of Applicant :UNIT 5,22 PALMER PLACE,
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 (72)Name of Inventor :
1)FOUAD HAGSERESHT

No of Pages : 15

No of Claims : 9

(57) Abstract :

A modified substrate for removing aqueous oxyanions formed by: selecting a substrate from minerals or mineral equivalents having a naturally moderate to high cation exchange capacity; forming a substrate modifier from salts of the Group IIIB and Group IVB elements by dissolving one or more of the salts in water at an elevated temperature; and blending the substrate with the substrate modifier at a high shear rate.



(54) Title of the invention : CHALLENGE MAGNETIC GAME.

(51) International classification

:A63F3/02;

A63H33/04

(31) Priority Document No

:MI2004A000649

(32) Priority Date

:31/03/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2004/013607

Filing Date

:01/12/2004

(87) International Publication No

:WO 2005/094956

(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 :

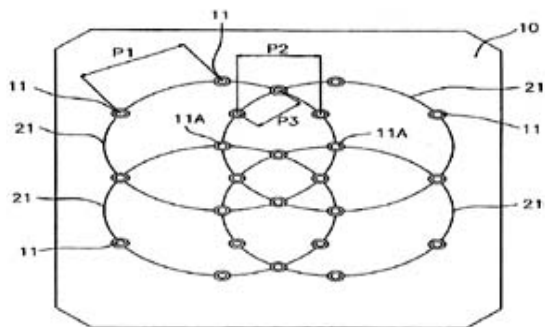
1)VICENTELLI CLAUDIO

No of Pages : 19

No of Claims : 24

(57) Abstract :

The magnetic game comprises a game board (10) provided with a plurality of anchorage points (11), for the selective positioning of a plurality of magnetically anchorable game members (14, 14', 15); the game members comprise a first set of elongated bar-shaped members (14, 14'), and a second set of ball-shaped members (15), that can be assembled and moved on the board (10) in the form of an assembly defining an articulated body provided by disposition of bar and ball shaped members (14, 15); the elongated bar members (14) may be variously magnetically engaged to the ball members (15) and to the anchorage to points (11) of the game board (10) to change the shape and move the articulated body assembly.



(54) Title of the invention : LOAD-CARRYING APPARATUS AND METHODS OF MANUFACTURE.

(51) International classification :B65D19/00;
B65D19/00
(31) Priority Document No :0406272.5
(32) Priority Date :19/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/001125
Filing Date :18/03/2005
(87) International Publication No :WO2005/090175 A2
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

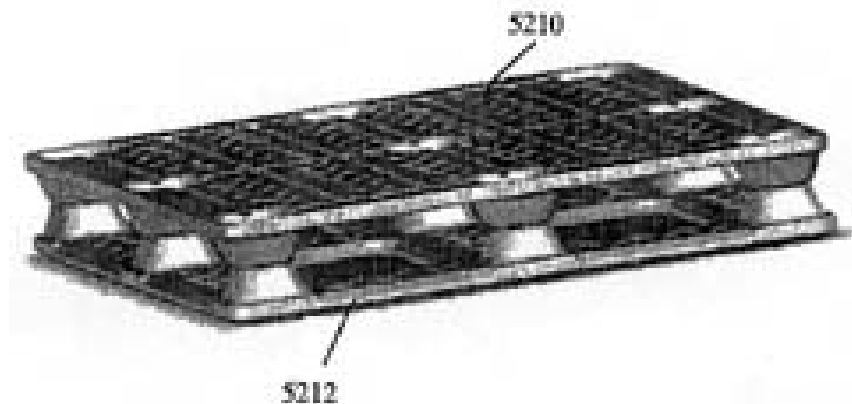
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(72)**Name of Inventor :**
1)STEVENS HENRY

No of Pages : 118

No of Claims : 37

(57) Abstract :

The invention relates to load-carrying apparatus, for example pallets and shipping containers, rotationally moulded from a plastics material filled with a mineral filler Methods and apparatus for manufacturing the load-carrying apparatus arc also described In one embodiment, the load-carrying apparatus comprises a pallet formed in two halves as two pallet elements The plastic, rotationally moulded pallet elements form a nested configuration when stacked in the same orientation, but interlock to form - a double-sided pallet when one of the pallet elements is inverted.



(54) Title of the invention : IRTA-5 ANTIBODIES AND THEIR USES.

(51) International classification	:A61K39/395; C07K16/2	(71) Name of Applicant : 1)MEDAREX,INC Address of Applicant :707,STATE ROAD, PRINCETON,NEW JERSEY 08540, U.S.A. U.S.A.
(31) Priority Document No	:60/557,741	(72) Name of Inventor :
(32) Priority Date	:29/03/2004	1)GRAZIANO , ROBERT
(33) Name of priority country	:U.S.A.	2)CARDARELLI,JOSEPHINE,M
(86) International Application No	:PCT/US2005/010265	3)KEMPE,THOMAS D.
Filing Date	:29/03/2005	4)CUTTER BETH
(87) International Publication No	:WO 2005/097185	5)SRINIVASA,MOHAN
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 134

No of Claims : 68

(57) Abstract :

The present invention provides isolated monoclonal antibodies, particularly human monoclonal antibodies, that specifically bind to IRTA-5 with high affinity Nucleic acid molecules encoding the antibodies of the invention, expression vectors, host cells and methods for expressing the antibodies of the invention are also provided Immunoconjugates, bispecific molecules and pharmaceutical compositions comprising the antibodies of the invention are also provided The invention also provides methods for detecting IRTA-5, as well as methods for treating various B cell malignancies, including non-Hodgkin's lymphoma.

(54) Title of the invention : FLUORESCENCE POLARIZATION ASSAY.

(51) International classification	:G01N 33/53
(31) Priority Document No	:60/554,183
(32) Priority Date	:18/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009005
Filing Date	:18/03/2005
(87) International Publication No	:WO2005/089454 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)MJALLI,ADNAN,M.M
2)WEBSTER,,JEFFREY,C

No of Pages : 46

No of Claims : 48

(57) Abstract :

Disclosed are methods and systems that use fluorescence polarization to identify compounds that have the ability to bind to, and/or modulate, the activity of the Receptor for Advanced Glycated Endproducts (RAGE). Compounds identified using the methods and systems of the present invention may comprise small organic molecule RAGE antagonists. The small organic molecule RAGE antagonists identified using the methods and systems of the present invention may be used to treat RAGE-mediated diseases, such as, but not limited to, diabetes or Alzheimer"s disease.

(54) Title of the invention : A METHOD AND APPARATUS FOR STERILIZING CONTAINERS OF PLASTIC MATERIAL AND FOR FILLING THEM WITH LIQUID SUBSTANCES.

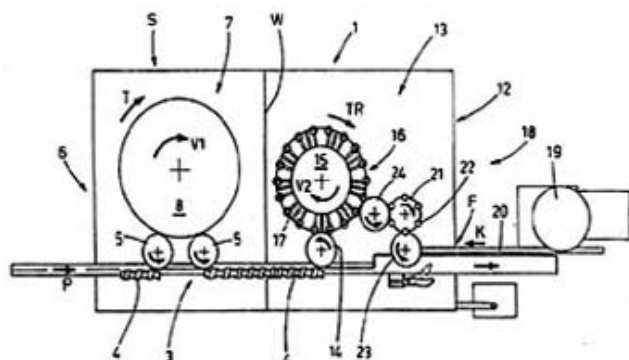
(51) International classification	:A61L 2/07	(71)Name of Applicant :
(31) Priority Document No	:04425299.4	1)I.M.A INDUSTRIA MACCHINE AUTOMATICHE S.P.A
(32) Priority Date	:31/03/2004	Address of Applicant :VIA EMILIA,428-442,I-40064,OZZANO EMILIA
(33) Name of priority country	:EUROPEAN	Italy
(86) International Application No	:PCT/IB2005/000834	(72)Name of Inventor :
Filing Date	:31/03/2005	1)BROMBIN,TIZIANO
(87) International Publication No	:WO2005/094905	
	A1	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 11

(57) Abstract :

According to method for sterilizing containers (2) of plastic material and for filling the containers with liquid substances, containers (2) are moved in succession along a feeding path (P), so as to enter a covering structure (S) containing a one-block apparatus for sterilizing and filling and defining a closed aseptic environment. The containers (2) are sterilized in a first portion (6) of the apparatus (1), situated along a first section (T) of the path (P), then weighted filled with a liquid substance and subsequently closed with pre-sterilized plugs/caps, in a second portion (12) of the apparatus (1), situated along a second section (TR) of the path (P), after the first section (T).



(54) Title of the invention : CIRCULAR KNITTING MACHINE AND METHOD FOR COLLECTING THE FABRIC PRODUCED BY A CIRCULAR KNITTING MACHINE.

(51) International classification :D04B15/88;
D04B15/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2004/000211
Filing Date :14/04/2004
(87) International Publication No :WO2005/100659
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 :

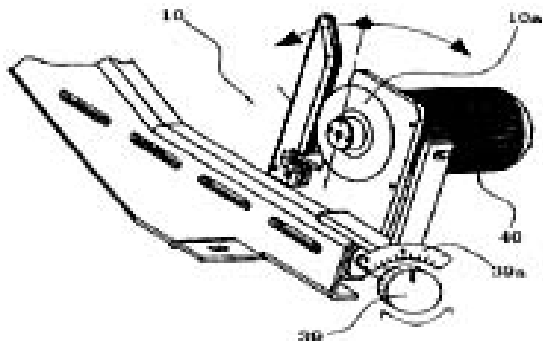
1)LONATI,TIBERIO

No of Pages : 43

No of Claims : 31

(57) Abstract :

A method for collecting the fabric (4) produced by the cylinder (3) of a circular knitting machine, comprising at least the steps of taking down said fabric (4), cutting and collecting it, in which the fabric is cut along a predefined cutting trajectory inclined with respect to the rotation axis ("X") of the cylinder (3). The cutting means (10) are actuated in rotation at a speed differing from the speed of the cylinder (3) of the knitting machine. It is further provided for a circular knitting machine comprising a cylinder (3) turning around a central rotation axis ("X") so as to produce a tubular fabric (4), a take-down and collecting assembly (6) engaging the fabric (4) on the opposite side with respect to the cylinder and equipped with cutting means (10). Said cutting means can be actuated in rotation around the central rotation axis ("X") at an angular speed differing from the speed of the cylinder (3).



(54) Title of the invention : PROCESS FOR SEEDING A MEDIA WITH MICROORGANISM IN FORM OF A TABLET.

(51) International classification	:A23C9/123; A23C9/12	(71) Name of Applicant : 1)DANISCO A/S Address of Applicant :Langebrogade 1,p.o.Box 17,DK-1001 Copenhagen k, Denmark
(31) Priority Document No	:0404508	(72) Name of Inventor :
(32) Priority Date	:28/04/2004	1)Jean-Philippe OBERT
(33) Name of priority country	:France	2)piotr KOLAKOWSKI
(86) International Application No	:PCT/IB2005/001458	
Filing Date	:27/04/2005	
(87) International Publication No	:WO2005/104861	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 17

No of Claims : 22

(57) Abstract :

The present invention provides a method of seeding a medium, said method comprising: contacting microorganisms with a medium, wherein said microorganisms are in the form of a tablet.

(54) Title of the invention : METHOD AND SYSTEM FOR ADVANCING FUNDS.

(51) International classification :G06Q40/00;
G06Q40/00
(31) Priority Document No :2004901256
(32) Priority Date :11/03/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/AU2005/000345
Filing Date :11/03/2005
(87) International Publication No :WO2005/088490 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

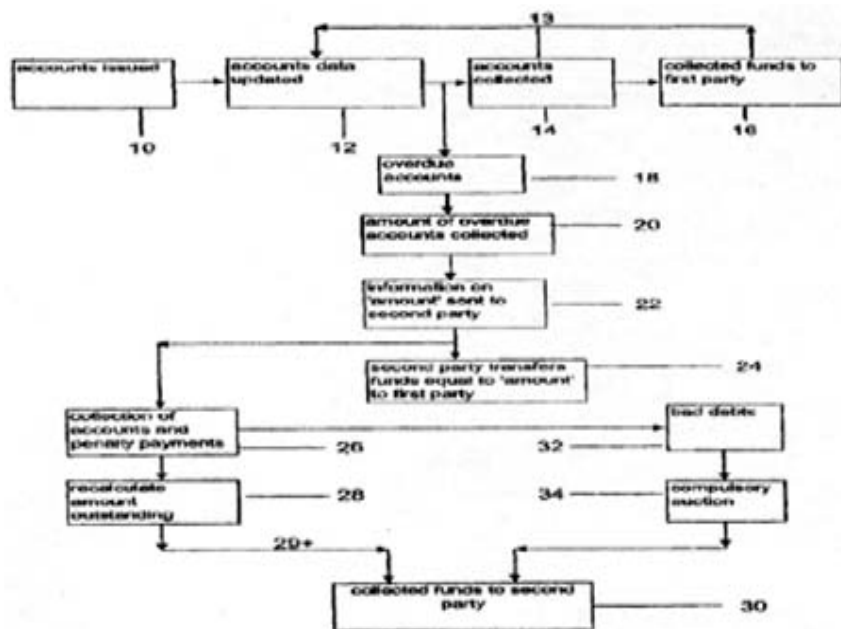
(71)**Name of Applicant :**
1)MACHYN-ACTION INC.
Address of Applicant :Hawkes Law House Rue Pasteur,PO Box 212,Port
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(72)**Name of Inventor :**
1)CHE KARANA DEINHARDT
2)RAYMOND ROBERT BRISBANE

No of Pages : 74

No of Claims : 15

(57) Abstract :

A method for providing funds to a first party based upon accounts receivable due to a first party includes calculating an amount of accounts receivable due to the first party from accounts receivable debtors of the first party or from a portion of the accounts receivable debtors. A second party then transfers funds to the first party based on the amount of accounts receivable due to the first party. As the accounts receivable and any applicable penalty payments are collected from the accounts receivable debtors, the collected amounts receivable and applicable penalty payments are provided to the second party. Systems and platforms for implementing the method are also provided.



(54) Title of the invention : GASIFICATION OF CARBONACEOUS MATERIAL.

(51) International classification	:C10J 3/06
(31) Priority Document No	:2004/1989
(32) Priority Date	:11/03/2004
(33) Name of priority country	:South Africa
(86) International Application No	:PCT/IB2005/050830
Filing Date	:07/03/2005
(87) International Publication No	:WO 2005/090526
(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 :

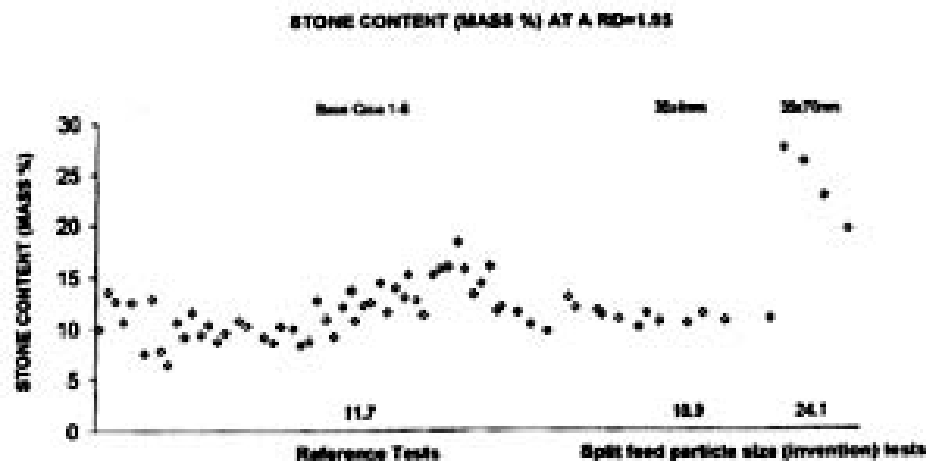
1)KEYSER,MARTIN,JA,KOBUS**2)COETZER,ROELOF,LODEWYK,JACOBUS****3)VAN DYK ,JOHANNES,CHRISTOFFEL**

No of Pages : 19

No of Claims : 13

(57) Abstract :

A process for gasifying a carbonaceous particulate feedstock includes dividing the carbonaceous particulate feedstock into at least two feedstock fractions, each feedstock fraction including particulate material within a predetermined particle size range so that there are at least a smaller particle size feedstock and a larger particle size feedstock. The smaller particle size feedstock is fed to at least one gasifier and the larger particle size feedstock is fed to at least one other gasifier.



(54) Title of the invention : LABELING OF RAPAMYCIN USING RAPAMYCIN-SPECIFIC METHYLASES

(51) International classification	:C07D498/18; C12P17/1
(31) Priority Document No	:60/565,714
(32) Priority Date	:27/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/013971
Filing Date	:25/04/2005
(87) International Publication No	:WO2005/106007 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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No of Pages : 16No of Claims : 14

(57) Abstract :

A method for rapamycin-specific labeling using rapI, rapM and/or, rapQ enzymes is described. Also are methods for generating crude enzyme extracts useful in the method of the invention. Uses of the specifically labeled rapamycin as diagnostic tools are provided.

(54) Title of the invention : FOOD BAIT COMPRISING A SPECIFIC ATTRACTANT FOR COMBATING TEPHRITID INSECTS

(51) International classification

:A01M1/02;

A01M1/20

(31) Priority Document No

:P200400664

(32) Priority Date

:11/03/2004

(33) Name of priority country

:Spain

(86) International Application No

:PCT/ES2005/000129

Filing Date

:11/03/2005

(87) International Publication No

:WO 2005/086999

(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)UNIVERSIDAD POLITECNICA DE VALENCIAAddress of Applicant :CENTRO DE TRANSFERENCIA DE,
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(72)Name of Inventor :

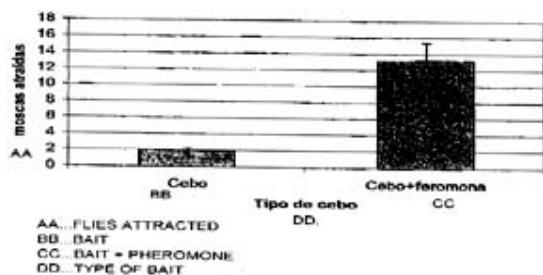
1)PRIMO YUFERA,EDUARDO**2)NAVARRO LLOPIS ,VICENTE****3)CASANA GINER,VICTOR****4)MOYA SANZ,PILAR**

No of Pages : 38

No of Claims : 52

(57) Abstract :

The invention relates to a food bait which is characterised in that it comprises at least one or more food components, a preservative or a mixture of preservatives, at least one toxic ingredient, and a fourth component that is selected from (i) at least one specific attractant for tephritid insects and (ii) at least one moisture regulator. The invention is further characterised in that the bait is in semi-solid gel form.



(54) Title of the invention : METHOD OF PRODUCING SAND MOLD

(51) International classification

:B22C15/02;

(31) Priority Document No

B22C15/24

(32) Priority Date

:2004-125529

(33) Name of priority country

:21/04/2004

(86) International Application No

:Japan

Filing Date

1
:PCT/JP2005/007615

(87) International Publication No

:21/04/2005

(61) Patent of Addition to Application Number

:WO 2005/102561

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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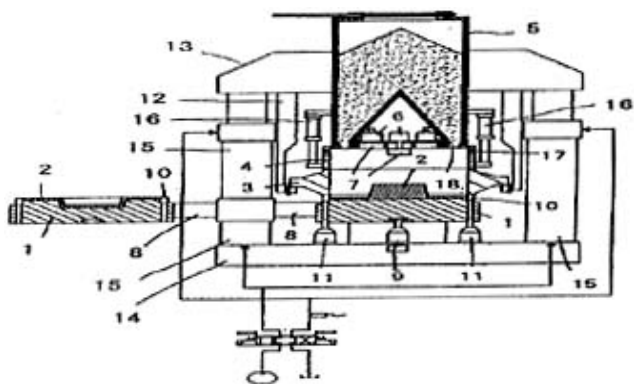
2)KANETO KIMIKAZU

No of Pages : 16

No of Claims : 13

(57) Abstract :

A method for manufacturing an excellent sand mold by adjusting the pressure value or the blowout time of a first compressed air. In the method, foundry sand is squeezed by moving a squeeze means to a pattern plate side after the foundry sand is blown into a molding space demarcated by at least the pattern plate, a flask, and the squeeze means by supplying a second compressed air onto the upper surface of the foundry sand held in a sand blowing device while floatingly moving the foundry sand near a sand blowout port held in the sand blowing device by blowing the first compressed air near the sand blowout port of the sand blowing device positioned above the molding space and holding the foundry sand. The blowout time of the first compressed air can be decreased or increased based on the results obtained by measuring a movement distance to the pattern plate side of the squeeze means when the squeeze of the foundry sand in the molding space is completed and calculating a difference between the measured value and a target value.



(54) Title of the invention : POLYMORPHIC FORMS OF METHYL (+)-(S)-ALPHA-(2-CHLOROPHENYL-6,7- DIHYDROTHIENO[3,2-C] PYRIDINE-5(4H) ACETATE HYDROBROMIDE,CLOPIDROGEL HYDROBROMIDE.

(51) International classification :C07D 495/04

(31) Priority Document No :60/563,796

(32) Priority Date :20/04/2004

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

(86) International Application No :PCT/US2005/013146

Filing Date :18/04/2005

(87) International Publication No :WO 2005/103058

(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)LORIMER KEITH RICHARD

2)NG ALICIA TEE FUAY

No of Pages : 20

No of Claims : 21

(57) Abstract :

The invention relates to polymorphic forms B, C and D of methyl(+)-(S)- α -(2-chlorophenyl)-6,7-dihydrothieno[3,2-C]pyridine-5(4H)acetate hydrobromide, to pharmaceutical compositions containing the same, and to the method of use thereof for inhibiting platelet aggregation.

(54) Title of the invention : BAZEDOXIFENE ACETATE SOLID DISPERSION FORMULATIONS

(51) International classification	:A 61K 31/00
(31) Priority Document No	:60/560,452
(32) Priority Date	:08/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011678
Filing Date	:07/04/2005
(87) International Publication No	:WO 2005/099677
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :****1)WYETH**Address of Applicant :FIVE GIRALDA FARMS , MADISON,NJ 07940,
U.S.A. U.S.A.(72)**Name of Inventor :****1)SHAH,SYED,M.****2)ALI,KADUM,A.****3)OFSLAGER,CHRISTIAN,L.****4)FA WZI,MAHDI,B.**

No of Pages : 25

No of Claims : 42

(57) Abstract :

The present invention is directed to solid dispersions of bazedoxifene acetate, compositions containing the same, preparations thereof, and uses thereof.

(54) Title of the invention : BAZEDOXIFENE ASCORBATE AS SELECTIVE ESTROGEN RECEPTOR MODULATOR

(51) International classification :C07D 209/12

(31) Priority Document No :60/560,454

(32) Priority Date :08/04/2004

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

(86) International Application No :PCT/US2005/011663

Filing Date :07/04/2005

(87) International Publication No :WO 2005/100315

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :****1)WYETH**Address of Applicant :FIVE GIRALDA FARMS, MADISON,NJ 07940,
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No of Pages : 21

No of Claims : 35

(57) Abstract :

The present invention is directed to bazedoxifene ascorbate, compositions containing the same, dispersions thereof, preparations thereof, and uses thereof.

(54) Title of the invention : THIOAMIDE DERIVATIVES AS PROGESTERONE RECEPTOR MODULATORS

(51) International classification	:A61K31/404; A61K31/5
(31) Priority Document No	:60/560,569
(32) Priority Date	:08/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011757
Filing Date	:07/04/2005
(87) International Publication No	:WO2005/100346 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)WYETH**Address of Applicant :FIVE GIRALDA FARMS MADISON,NJ 07940
U.S.A.(72)**Name of Inventor :****1)WILK,BIGDAN,KAZIMIERZ**

No of Pages : 31No of Claims : 33

(57) Abstract :

Thioamide compounds, and specifically, thioamide pyrrole compounds, and preparation thereof are provided. These thioamide compounds can be used as progesterone receptor modulators, in contraception, and in the treatment of progesterone-related maladies (formula I).

(54) Title of the invention : PROLINE CCI-779 (PROLINE-RAPAMYCIN 42-ESTER WITH 2,2-BIS (HYDROXYMETHYL) PROPIONIC ACID) AND TWO-STEP ENZYMATIC SYNTHESIS OF PROLINE CCI-779 AND CCI-779 USING MICROBIAL LIPASE.

(51) International classification

:C07D498/18;

C07F7/18

(31) Priority Document No

:60/562,069

(32) Priority Date

:14/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/012030

Filing Date

:12/04/2005

(87) International Publication No

:WO 2005/100366

(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 :

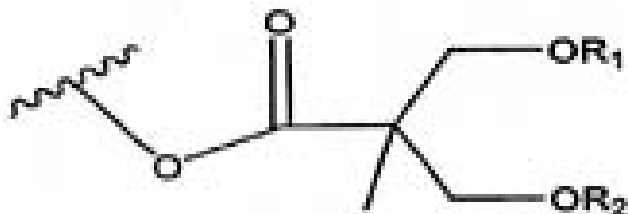
1)GU JIANXIN**2)RUPPEN,MARK,E****3)RAVEENDRANATH PANOLIL****4)CHEW WARREN****5)SHAW CHIA-CHENG**

No of Pages : 32

No of Claims : 19

(57) Abstract :

Disclosed are proline-rapamycin 42-ester with 2,2-bis(hydroxymethyl)propionic acid (proline-CCI-779) as well as a method for the regiospecific preparation of a rapamycin 42-ester or proline-rapamycin 42-ester with 2,2-bis(hydroxymethyl)propionic acid (CCI-779 and proline-CCI-779) comprising the steps of: (a) reacting rapamycin or proline-rapamycin with an activated ester derivative of 2,2-bis(hydroxymethyl)propionic acid having the structure (A) wherein R1 and R2 are hydrogen, or taken together to form a ketal with the structure (B) wherein R3 and R4 are each, independently, hydrogen, C1-6 alkyl, either linear or branched, or taken together form C5-7 cycloalkyl or taken together form cyclic boronate with the structure (C), wherein R5 is selected from methyl, ethyl, n-propyl, iso-propyl, n-butyl, iso-butyl and phenyl; in a suitable organic solvent in the presence of an effective amount of microbial lipase; and (b) deprotecting the intermediate resulting from step (a) to provide CCI-779 or proline-CCI-779.



(54) Title of the invention : ZEOLITIC MICROPOROUS CRYSTALLINE MATERIAL WITH AN LTA STRUCTURE(ITQ-29), PREPARATION METHOD THEREOF AND USERS OF SAME IN ORGANIC COMPOUND SEPARATION AND TRANSFORMATION PROCESS.

(51) International classification	:B01J29/035; B01J29/7
(31) Priority Document No	:P200400662
(32) Priority Date	:11/03/2004
(33) Name of priority country	:Spain
(86) International Application No	:PCT/ES2005/000120
Filing Date	:09/03/2005
(87) International Publication No	:WO 2005/087663
(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)UNIVERSIDAD POLITECNICA DE VALENCIA

(72)Name of Inventor :

1)CORMA CANOS,AVELINO**2)REY GARCIA,FERNANDO****3)VALENCIA VALENCIA,SUSANA**

No of Pages : 37

No of Claims : 14

(57) Abstract :

The invention relates to a material which, once calcined and in the anhydrous state, has general formula $x (M1/nXO_2); z ZO_2; y GeO_2; (1-y) SiO_2$, wherein x has a value of less than 0.2, preferably less than 0.15, and can equal zero; z has a value of between 0 and 0.1, preferably between 0 and 0.05; y has a value of between 0 and 1, preferably between 0 and 0.75; M represents one or more +n-charged inorganic cations; X represents one or more +3 oxidation state chemical elements (Al, B, Ga, Fe); and Z represents one or more +4 oxidation state cations different from silicon and germanium, preferably Ti or Sn. Said material can be used as a component of catalysts in acid catalysis processes or as a metal or oxide support in separation and absorption/adsorption processes.

(54) Title of the invention : REGIOSPECIFIC SYNTHESIS OF RAPAMYCIN 42-ESTER DERIVATIVES

(51) International classification :C07D 498/18

(31) Priority Document No :60/561,926

(32) Priority Date :14/04/2004

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

(86) International Application No :PCT/US2005/012266

Filing Date :12/04/2005

(87) International Publication No :WO 2005/105811

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :****1)WYETH**Address of Applicant :FIVE GIRALDA FARMS, MADISON,NJ 07940,
U.S.A. U.S.A.(72)**Name of Inventor :****1)GU JIANXIN****2)CAI , PING****3)RUPPEN,MARK,E**

No of Pages : 18

No of Claims : 18

(57) Abstract :

A method for the regiospecific synthesis of rapamycin 42-ester derivatives is described. The method involves lipase-catalyzed acylation of 42 hydroxy rapamycin with an acyl donor such as a vinyl ester, an isopropenyl ester or an anhydride in a suitable organic solvent.

(54) Title of the invention : PHARMACEUTICAL SALTS OF 3-O-(3',3'-DIMETHYLSUCCINYL) BETULINIC ACID

(51) International classification	:C07J 53/00
(31) Priority Document No	:60/553,554
(32) Priority Date	:17/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/008935
Filing Date	:17/03/2005
(87) International Publication No	:WO 2005/090380
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)PANACOS PHARMACEUTICALS,INC Address of Applicant :209,PERRY PARKWAY, GAITHERSBURG,MD 20877, U.S.A. U.S.A.
(72) Name of Inventor : 1)POWER,MARTIN,DALE 2)MARTIN,DAVID,EUGENE

No of Pages : 40

No of Claims : 25

(57) Abstract :

Salts of 3-O-(3",3"-dimethylsuccinyl)Betulinic acid (DSB) are disclosed. Particularly, the preparation, pharmaceutical evaluation, and in vivo bioavailability evaluation of N-methyl-D-glucamine and alkali metal salt forms of DSB are disclosed. Pharmaceutical compositions including these salt forms are used in methods of treating HIV and related diseases. Methods of making the salts of DSB and the pharmaceutical compositions are also provided.

(54) Title of the invention : PROCESS FOR THE PREPARING RAPAMYCIN 42-ESTERS AND FK-506 32-ESTERS WITH DICARBOXYLIC ACID,PRECURSORS FOR RAPAMYCIN CONJUGATES AND ANTIBODIES.

(51) International classification	:C07D 498/18
(31) Priority Document No	:60/561,966
(32) Priority Date	:14/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/012268
Filing Date	:12/04/2005
(87) International Publication No	:WO 2005/105812
(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)GU, JIANXIN**2)CAI , PING****3)RUPPEN,MARK,E**

No of Pages : 25

No of Claims : 32

(57) Abstract :

Methods for the synthesis of regiospecific rapamycin 42-hemiesters and regiospecific FK506 32-esters with di-carboxylic acids is described. The methods involve catalyzing the reaction between a rapamycin or a FK-506 and a dicarboxylic anhydride or a bifunctional activated ester of dicarboxylic acid with a lipase.

(54) Title of the invention : CYANOPYRROLE CONTAINING CYCLIC CARBAMATE AND THIOCARBAMATE BIARYLS AND METHODS FOR PREPARING THE SAME.

(51) International classification :C07D 413/04
 (31) Priority Document No :60/565,616
 (32) Priority Date :27/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/014342
 Filing Date :25/04/2005
 (87) International Publication No :WO 2005/105739
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

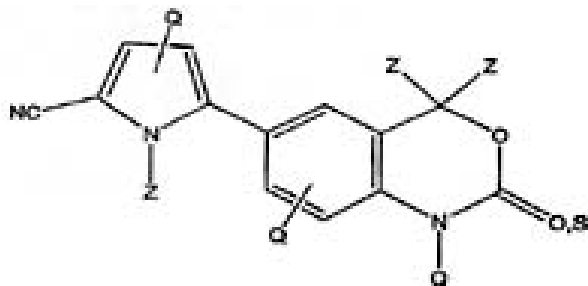
(71)Name of Applicant :
1)WYETH
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 (72)Name of Inventor :
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No of Pages : 44

No of Claims : 57

(57) Abstract :

Methods for preparing cyclic carbamates and thiocarbamates containing cyanopyrrole moieties and of the formula are provided: Formula (I) Z are the same or different and are H, optionally substituted C1 to C6 alkyl, or CORA; RA is H, optionally substituted C1 to C6 alkyl, optionally substituted C1 to C6 alkoxy, or optionally substituted C1 to C6 aminoalkyl; Q are the same or different and are H, OH, NH2, CN, halogen, optionally substituted C1 to C6 alkyl, optionally substituted C1 to C6 alkenyl, optionally substituted d to C6 alkynyl, optionally substituted Ct to C6 alkoxy, optionally substituted C1 to C6 aminoalkyl, or CORB; and RB is H, optionally substituted C1 to C6 alkyl, optionally substituted C1 to C6 alkoxy, or optionally substituted C1 to C6 aminoalkyl. Compounds including 2-amino-5-(5-cyano-1-methyl-1H-pyrrol-2-yl) benzoic acid methyl ester, 5-[4-amino-3-(1-hydroxy-1-methyl-ethyl)-phenyl]-1-methyl-1H-pyrrole-2-carbonitrile, and 2-amino-5-(5-cyano-1-methyl-1H-pyrrol-2-yl)-phenyl-ethanone, or pharmaceutically acceptable salts thereof, and the uses thereof are also provided.



(54) Title of the invention : DRIVE FOR (SEMI-)CONTINUOUS DRIVES HAVING AN ENDLESS BELT

(51) International classification

:F16H7/02;

F16H55/38

(31) Priority Document No

:1025758

(32) Priority Date

:18/03/2004

(33) Name of priority country

:Netherlands

(86) International Application No

:PCT/NL2005/000209

Filing Date

:18/03/2005

(87) International Publication No

:WO 2005/088165

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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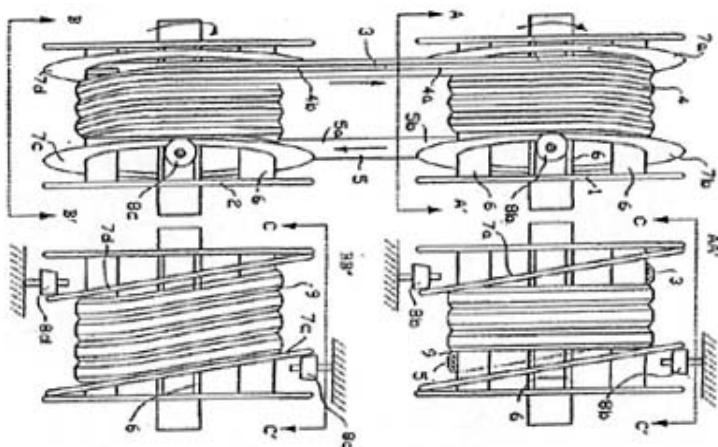
1)POTMA,THEODORUS GERHARDUS

No of Pages : 46

No of Claims : 23

(57) Abstract :

Drive for continuous drives having an endless belt. The invention relates to the transmission of mechanic power from a driving pulley to a driven pulley using an endless belt, wherein the driving force is transmitted by friction between the belt and the pulleys. The driving belt is wound a few times around the pulleys as a result of which the contact angle is much larger than the usual contact angle of approximately 180 to 360 degrees at a maximum. As a result thereof the necessary tension in the low-tension part of the belt is very low whereas a very high circumferential force can nevertheless be transmitted. In this drive according to the invention there are means present due to which the belt moves axially over the pulley with little friction, as a result of which the wound part of the belt in absolute sense remains in its place. Due to the low belt pre-tension and the high belt force to be transmitted, the drive is highly suitable for continuous variable transmissions for various applications.



(54) Title of the invention : METHOD FOR TREATING AORTIC STENOSIS WITH NON-ANTIBACTERIAL TETRACYCLINE FORMULATIONS

(51) International classification	A61K31/00
(31) Priority Document No	:60/552,779
(32) Priority Date	:12/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/008387
Filing Date	:11/03/2005
(87) International Publication No	:WO 2005/089259
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :****1)COLLAGENEX PHARMACEUTICALS,INC.,**Address of Applicant :41 UNIVERSITY DRIVE, NEW TOWN,PA
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(72)**Name of Inventor :****1)OIVA,JANI****2)SALO,TUULA,A.****3)SOINI,YLERMI****4)YLITALO,KARI****5)NISSINEN,ANTTI****6)BIANCARI,FAUSTO****7)JUVONEN,TATU****8)SATTA,JARI**

No of Pages : 17

No of Claims : 7

(57) Abstract :

The present-invention is for a method for treating aortic stenosis in a mammal in need thereof. The method comprises administering an effective amount of a non-antibacterial tetracycline formulation, to the mammal.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.2941/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :12/10/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : MODIFICATION OF BACTERIA.

(51) International classification :C12N15/10; C12N15/6
(31) Priority Document No :0011186.4
(32) Priority Date :09/05/2000
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB01/02001
Filing Date :08/05/2001
(87) International Publication No :WO 01/85966
(61) Patent of Addition to Application
Number :NA
Filing Date :NA
(62) Divisional to Application Number :IN/PCT/2002/01370
Filing Date :05/11/2002

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2)CUSDIN,FIONA,SUSAN

3)BAGHAEI-YAZDI NAMDAR

4)JAVED,MUHAMMAD

No of Pages : 30

No of Claims : 37

(57) Abstract :

This invention relates to a method of in vivo methylation.

(54) Title of the invention : CYCLOPEPTIDE DERIVATIVES WITH ANTI-INTEGRIN ACTIVITY.

(51) International classification

:A61K38/12;
C07K7/64

(31) Priority Document No

:RM2004A000239

(32) Priority Date

:13/05/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IT2005/000262

Filing Date

:04/05/2005

(87) International Publication No

:WO 2005/111064

(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)DAL POZZO,ALMA**2)PENCO,SERGIO****3)GIANNINI,GIUSEPPE****4)TINTI,MARIA,ORNELLA****5)PISANO,CLAUDIO****6)VESCI,LOREDANA****7)NI MING HONG**

No of Pages : 25

No of Claims : 14

(57) Abstract :

Formula (I) compounds are described c(R1-Arg- Gly-Asp-R2) where the meanings of the various groups are as described here below, which are integrin inhibitors, and particularly inhibitors of integrins of the $\alpha_v\beta_3$ and $\alpha_v\beta_5$ family, and therefore are useful as medicaments, particularly for the treatment of the diseases underlying abnormal angiogenesis, such as retinopathy, acute renal failure, osteoporosis and metastases. The compounds described herein, when suitably labelled, are also useful as diagnostic agents, especially for the detection of small tumor masses and arterial occlusion events, and as targeted drug vectors.

(54) Title of the invention : CAMPTOTHECIN DERIVATIVES CONJUGATED IN POSITION 20 WITH INTEGRIN ANTAGONISTS.

(51) International classification :A61K47/48;
A61P31/12
(31) Priority Document No :RM2004A000241
(32) Priority Date :13/05/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2005/000261
Filing Date :04/05/2005
(87) International Publication No :WO2005/110487
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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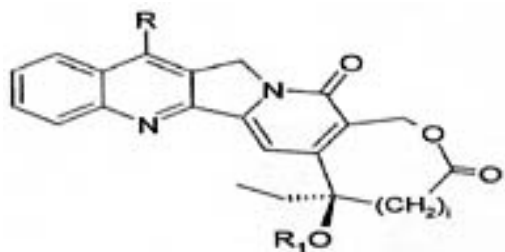
1)DAL POZZO,ALMA**2)PENCO,SERGIO****3)PENCO,SERGIO****4)MERLINI,LUCIO****5)GIANNINI GIUSEPPE****6)TINTI,MARIA,ORNELLA****7)PISANO,CLAUDIO****8)ZUNNIO,FRANCO****9)ZUNNIO,FRANCO****10)ALLOATTI,DOMENICO****11)VESCI,LOREDANA****12)DALLAVALLE,SABRINA****13)NI MING HONG**

No of Pages : 25

No of Claims : 12

(57) Abstract :

Compounds or formula (I) are described, in which R and R₁ groups are as defined here below and include the condensation of the camptothecin molecule in position 20 with a cyclopeptide containing the RGD sequence. Said compounds are endowed both with high affinity for integrin receptors $\alpha_v\beta_3$ and $\alpha_v\beta_5$ and with selective cytotoxic activity on human tumor cell lines at micromolar concentrations.



(54) Title of the invention : METHOD FOR PRODUCING EXTENSIBLE PAPER PLANT FOR IMPLEMENTING THE METHOD,PRODUCT OBTAINED BY THE METHOD,AND PAPER MATERIAL OBTAINED FROM THE PRODUCT

(51) International classification

:D21F9/02;
D21F11/02

(31) Priority Document No

:VE2004A000013

(32) Priority Date

:14/04/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2005/003873

Filing Date

:13/04/2005

(87) International Publication No

:WO2005/100686 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 :

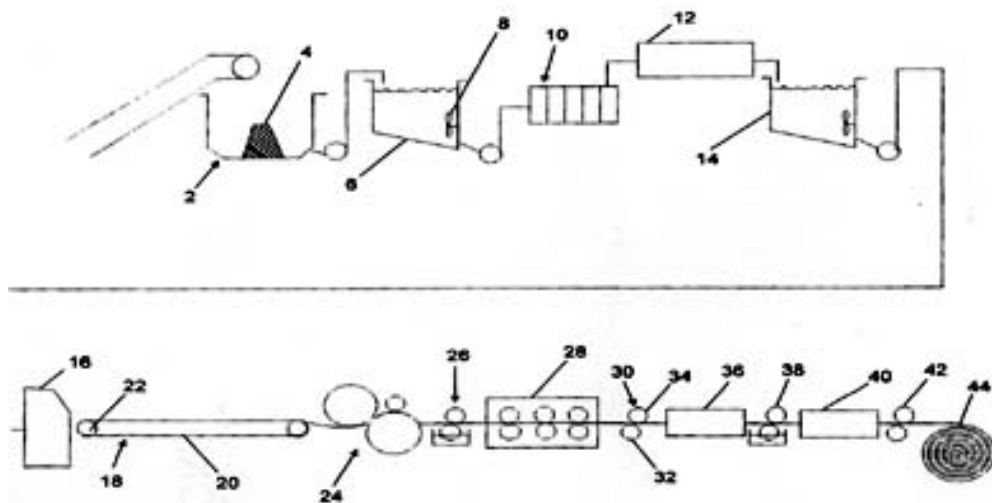
1)TRANI,GIORGIO**2)STERNER,MARION****3)CARIOLARIO,FEDERICO**

No of Pages : 14

No of Claims : 11

(57) Abstract :

A method for producing substantially smooth extensible paper, characterised by passing the paper web on the production line between at least one pair of rollers, of which one is of soft material driven at lesser speed and one is of hard material driven at greater speed, the hard material roller presenting a base roughness RA of less than 5 and comprising, in its entire lateral surface, incisions having the following parameters: distance A between adjacent incisions 0.10-40 mm, width B of each incision 0.02-2 mm, depth C of each incision < 0.1 mm, ratio A/B between distance and width 0.12-800, ratio B/C between width and depth : 1-8.



(54) Title of the invention : DETECTION, ISOLATION AND USES OF RENALASE (MONOAMINE OXIDASE C).

(51) International classification	:C12N 9/02
(31) Priority Document No	:60/554,552
(32) Priority Date	:19/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009248
Filing Date	:21/03/2005
(87) International Publication No	:WO2005/089505 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 : 1)YALE UNIVERSITY Address of Applicant :TWO WHITNEY AVENUE NEW HAVEN,CT 06511 U.S.A.
(72) Name of Inventor : 1)XU ,JIANCHAO 2)DESIR,GRAY

No of Pages : 186

No of Claims : 69

(57) Abstract :

The present invention provides for the identification, isolation and uses of mammalian Monoamine Oxidase C (MAO-C), also known as renalase.

(54) Title of the invention : PROCESS FOR PRODUCING CYCLOPENTANONE-2,3,5-TRICARBOXYLIC ACID TRIESTER.

(51) International classification

:C07B61/00;
C07C67/31

(31) Priority Document No

:2004-141147

(32) Priority Date

:11/05/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/008826

Filing Date

:10/05/2005

(87) International Publication No

:WO 2005/115966

(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 :1621 SAKAZU, KURASHIKI-SHI, OKAYAMA

710-8622, JAPAN Japan

(72)Name of Inventor :

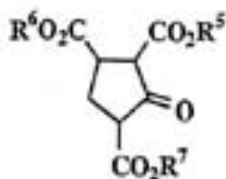
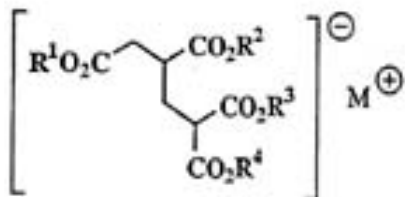
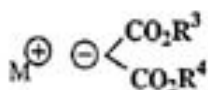
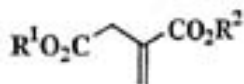
1)SUGIOKA TAKASHI**2)FUKUNAGA YOSHIMI**

No of Pages : 13

No of Claims : 3

(57) Abstract :

A process for producing cyclopentanone-2,3,5-tri- carboxylic triesters industrially advantageously. Namely, a process for the production of cyclopentanone-2,3,5-tri- carboxylic triesters represented by the general formula (IV), characterized by (1) reacting an itaconic diester represented by the general formula (I) with a metal salt of malonic diester represented by the general formula (II) to form a reaction mixture containing an adduct represented by the general formula (III) and then (2) treating the reaction mixture with an alcohol, a metal alkoxide, or a mixture of both (I) (II) (III) (IV) wherein R¹ R², R³, R⁴, R⁵, R⁶ and R⁷ are each optionally substituted alkyl; and M is an alkali metal.



(54) Title of the invention : CAMPTOTHECINS CONJUGATED IN POSITION 7 TO CYCLIC PEPTIDES AS CYTOSTATIC AGENTS

(51) International classification

:A61K38/08;
C07K7/64

(31) Priority Document No

:PCT/IT2005/000260

(32) Priority Date

:04/05/2005

(33) Name of priority country

:Argentina

(86) International Application No

:PCT/IT2005/000260

Filing Date

:04/05/2005

(87) International Publication No

:WO2005/111063

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)SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNTIE S.P.A.

Address of Applicant :VIALE SHAKESPEARE,47,I-00144 ROMA Italy

(72)Name of Inventor :

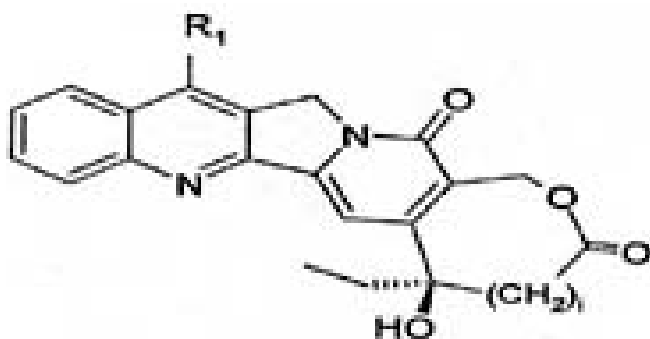
1)DAL POZZO,ALMA

No of Pages : 34

No of Claims : 16

(57) Abstract :

Compounds of Formula (I) are described in which the R1 group is as defined in the specification and includes the condensation of the camptothecin molecule in position 7 with a cyclopeptide containing the RGD sequence. Said compounds are endowed both with high affinity for integrin receptors $\alpha_v\beta_3$ and $\alpha_v\beta_5$ and with selective cytotoxic activity on human tumour cell lines at micromolar concentrations.



(54) Title of the invention : RAPIDLY DISINTEGRATING TABLETS COMPRISING TITANIUM DIOXIDE

(51) International classification :A61K 9/20

(31) Priority Document No :10/835,666

(32) Priority Date :30/04/2004

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

(86) International Application No :PCT/US2005/003538

Filing Date :28/01/2005

(87) International Publication No :WO 2005/110376

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :****1)J.M.HUBER CORPORATION**Address of Applicant :333 THORNALL STREET, EDISON, NJ
08837,U.S.A U.S.A.(72)**Name of Inventor :****1)MEHRA DEV K****2)WITHIAM MICHAEL C****3)CORNELIUS JOHN M**

No of Pages : 16

No of Claims : 16

(57) Abstract :

An orally-administered, rapidly disintegrating label is provided. The tablet comprises: a titanium dioxide, a super disintegrant and a sugar alcohol. When immersed in water the tablet has a friability of less than about 2% and disintegrates in less than about 60 seconds.

(54) Title of the invention : ORAL CARE PRODUCTS COMPRISING CALCIUM PHOSPHATES

(51) International classification	:A61K 8/19
(31) Priority Document No	:10/837,384
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003508
Filing Date	:28/01/2005
(87) International Publication No	:WO 2005/110346
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)J.M.HUBER CORPORATION Address of Applicant :333 THORNALL STREET, EDISON, NJ 08837,U.S.A U.S.A.
(72) Name of Inventor : 1)MEHRA DEV K 2)WITHIAM MICHAEL C 3)CORNELIUS JOHN M

No of Pages : 22

No of Claims : 10

(57) Abstract :

A rapidly disintegrating oral care tablet is provided. The tablet comprises: a calcium phosphate; a super disintegrant; and a sugar alcohol. When immersed in water the tablet has a friability of less than about 2 % and disintegrates in less than about 60 seconds.

(54) Title of the invention : COMMUNICATING CONTROL MESSAGES FOR POINT-TO-MULTIPOINT SERVICE IN WIRELESS COMMUNICATION SYSTEM

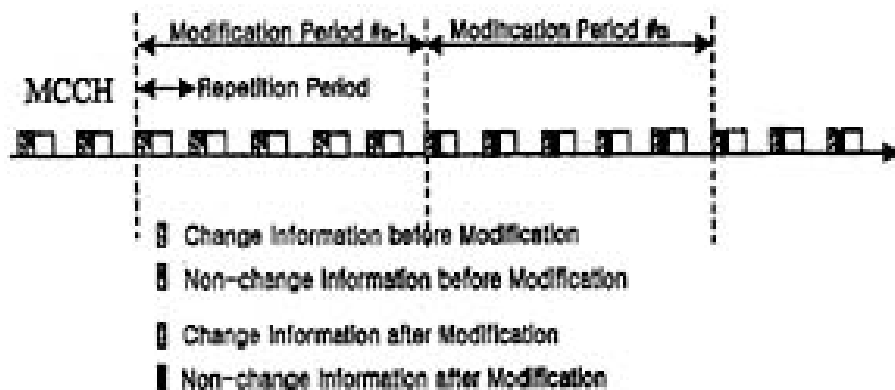
(51) International classification	:H04B7/26	(71)Name of Applicant :
(31) Priority Document No	:10-2004-0063646	1)LG ELECTRONICS INC.
(32) Priority Date	:12/08/2004	Address of Applicant :20,YOIDO-DONG YONGDUNGPO-GU SEOUL
(33) Name of priority country	:Republic of Korea	150-010 Republic of Korea
(86) International Application No	:PCT/KR2005/002642	(72)Name of Inventor :
Filing Date	:12/08/2005	1)CHUN-SUNG-DUCK
(87) International Publication No	:WO2006/016785 A1	2)LEE YOUNG-DAE
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 37

No of Claims : 38

(57) Abstract :

A method for controlling a user equipment (UE) capable of receiving a point-to-multipoint service in a wireless communication system comprises subscribing to the point-to-multipoint service. The method also comprises receiving modified point-to-multipoint control information during a certain period from the network, wherein point-to-multipoint control information is separated into at least modified point-to-multi point control information and unmodified point- to-multipoint control information in a network. The method also comprises determining whether the modified point-to-multipoint control information comprises information associated with the point-to-multipoint service to enable reception of the point-to-multipoint service.



(54) Title of the invention : RAPIDLY DISINTEGRATING TABLETS COMPRISING CALCIUM CARBONATE

(51) International classification	:A61K 9/20
(31) Priority Document No	:10/837,102
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003512
Filing Date	:28/01/2005
(87) International Publication No	:WO2005/110378 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)J.M.HUBER CORPORATION
Address of Applicant :333 THORNALL STREET,EDISON NJ 08837
U.S.A.

(72)**Name of Inventor :**
1)WITHIAM MICHAEL C
2)MEHERA DEV K
3)CORNELIUS JOHN M

No of Pages : 18

No of Claims : 19

(57) Abstract :

Solid-form, orally administered, rapidly disintegrating pharmaceutical products and oral care tablets are provided. The tablet comprises: a calcium carbonate; a super disintegrant; and a sugar alcohol. When immersed in water the tablet has a friability of less than about 2% and disintegrates in less than about 60 seconds.

(54) Title of the invention : ORAL CARE PRODUCTS COMPRISING SILICA

(51) International classification	:A61K 9/20
(31) Priority Document No	:10/835,733
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/003504
Filing Date	:28/01/2005
(87) International Publication No	:WO2005/110345 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)J.M.HUBER CORPORATION
Address of Applicant :333 THORNALL STREET,EDISON NJ 08837
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(72) Name of Inventor :
1)WITHIAM MICHAEL C
2)WITHIAM MICHAEL C
3)MEHRA DEV K
4)CORNELIUS JOHN M
5)CORNELIUS JOHN M

No of Pages : 18

No of Claims : 14

(57) Abstract :

A rapidly disintegrating oral care tablet is provided. The tablet comprises: a silica; a super disintegrant; and a sugar alcohol. When immersed in water the tablet has a friability of less than about 2 % and disintegrates in less than about 60 seconds.

(54) Title of the invention : DEALKYLATED DERIVATIVES OF PYRROLO[2,1-B]BENZOTHIAZEPINES WITH ATYPICAL ANTIPSYCHOTIC ACTIVITY

(51) International classification :C07D 513/04
 (31) Priority Document No :RM2004A000222
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Italy
 (86) International Application No :PCT/IT2005/000246
 Filing Date :28/04/2005
 (87) International Publication No :WO 2005/108403
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

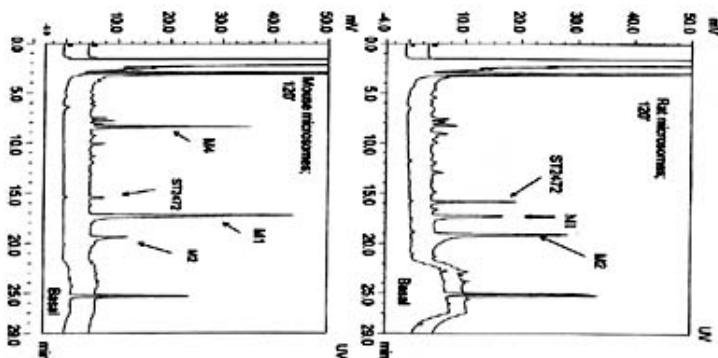
(71)Name of Applicant :
1)SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.
 Address of Applicant :VIA LE SHAKESPEARE,47, I-00144 ROMA,RM
 ITALY Italy
 (72)Name of Inventor :
1)MINETTI,PATRIZIA
2)DI CESARE,MARIA,ASSUNTA
3)GHIRARDI,ORLANDO
4)TINTI,MARIA,ORNELLA
5)CARMINATI,PAOLO

No of Pages : 31

No of Claims : 15

(57) Abstract :

Derivatives of pyrrolo[2,1-b]benzothiazepines with formula (I) where A is CH-CH₂C=CH; R is hydrogen, halogen, C1-C4 alkoxy, C1-C4 alkylthio, C1-C4 alkyl, C5-C6 cycloalkyl; R1 is 1-peperaziny1, 1-homopiperaziny1 and 1-piperidiny1; R2 is hydrogen, C1-C4 alkoxy, C1-C4 alkylthio, C1-C4 alkyl, CHO, CH=NOH,CH₂OH. The formula (I) compounds are endowed with characteristic atypical anti-psychotic activity, and are therefore useful as medicaments, in particular for the treatment and prevention of schizophrenia, paranoid states, manic-depressive states, disorders of the affective sphere, social regression, personality regression, and hallucinations. Said compounds also present advantageous pharmacokinetic properties.



(54) Title of the invention : MEDICAMENT FOR THE TREATMENT OF FUNGAL INFECTIONS, PARTICULARLY ASPERGILLOSIS

(51) International classification

:A61K31/7048;

A61K38/

(31) Priority Document No

:RM2004A000223

(32) Priority Date

:07/05/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IT2005/000247

Filing Date

:28/04/2005

(87) International Publication No

:WO 2005/107791

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.Address of Applicant :VIA LE SHAKESPEARE,47, I-00144 ROMA,RM
ITALY Italy

(72)Name of Inventor :

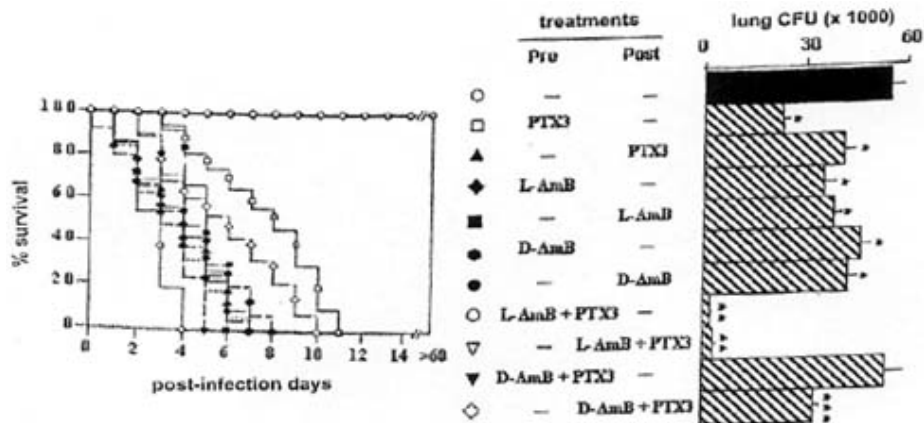
1)SALVATORI,GIOVANNI**2)CARMINATI,PAOLO****3)ROMANI,LUIGINA**

No of Pages : 31

No of Claims : 8

(57) Abstract :

The combination of pentraxin PTX3 with antifungals is described for the treatment of fungal infections and particularly for infections caused by *Aspergillus fumigatus*.



(54) Title of the invention : 7-T-BUTOXYIMINOMETHYL-CAMPTOTHECIN CONJUGATED IN POSITION 20 WITH INTEGRIN ANTAGONISTS

(51) International classification :A61K47/48;
A61P31/12
(31) Priority Document No :RM2004A000242
(32) Priority Date :13/05/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/IT2005/000245
Filing Date :28/04/2005
(87) International Publication No :WO 2005/110486
(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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TUMORI**

(72)Name of Inventor :

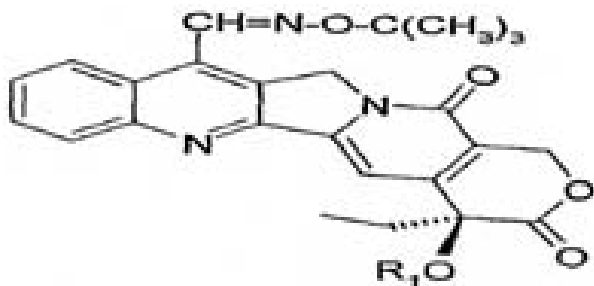
1)DAL POZZO,ALMA**2)PENCO,SERGIO****3)MERLINI,LUCIO****4)GIANNINI,GIUSEPPE****5)TINTI,MARIA,ORNELLA****6)PISANO,CLAUDIO****7)ZUNINO,FRANCE****8)ALLOATTI,DOMENICO****9)VESCI,LOREDANA****10)DALLAVALLE,SABRINA****11)NI MING HONG**

No of Pages : 29

No of Claims : 13

(57) Abstract :

Compounds of Formula (I) are described, in which the R1 group is as defined in the specification and includes the condensation of 7-t-butoxyiminomethylcamptothecin in position 20 with a cyclopeptide containing the RGD sequence. Said compounds are endowed both with high affinity for integrin receptors $\alpha_v\beta_3$ and $\alpha_v\beta_5$ and with selective cytotoxic activity on human tumour cell lines at micromolar concentrations.



(54) Title of the invention : COMPOUNDS AND METHODS FOR TREATING DYSLIPIDEMIA.

(51) International classification

:C07D471/04;
C07D487/

(31) Priority Document No

:60/557,134

(32) Priority Date

:26/03/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/009301

Filing Date

:17/03/2005

(87) International Publication No

:WO2005/097806 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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Address of Applicant :Lilly Corporate Center,Indianapolis 46285 U.S.A.

(72)Name of Inventor :

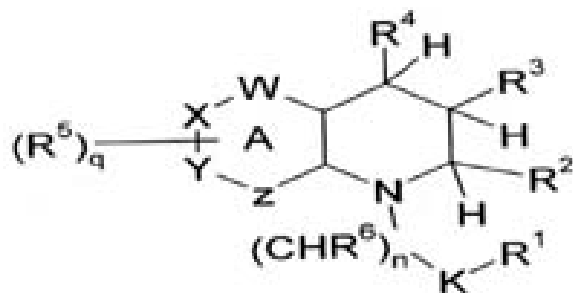
1)BELL,Michael,Gregory**2)CAO,Guoqing****3)ESCRIBANO,Ana Maria****4)FERNANDEZ,Maria,Carmen****5)LANDER,Peter,Ambrose****6)MANTLO,Nathan,Bryan****7)MARTIN DE LA NAVA,Eva,Maria****8)MATEO HERRANZ****9)MAYHUGH,Daniel****10)WANG,Xiaodong**

No of Pages : 126

No of Claims : 14

(57) Abstract :

The present invention discloses compounds of formula I wherein A, n, q, K, W, X, Y, Z, R1, R2, R3, R4, R5, and R6 are as defined herein and their pharmaceutical compositions and methods of use are disclosed as useful for treating dyslipidemia and its sequelae.



(54) Title of the invention : DEVICE FOR ACHIEVING AN UPPER ANCHORING OF A STAIRCASE.

(51) International classification :E04H4/00;
E04H4/14
(31) Priority Document No :04/04,234
(32) Priority Date :16/04/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050207
Filing Date :01/04/2005
(87) International Publication No :WO 2005/106162
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

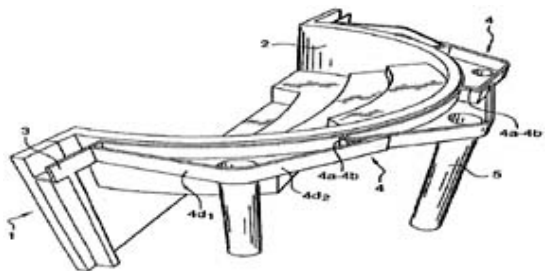
(71)**Name of Applicant :**
1)PISCINES DESJOYAUX SA
Address of Applicant :LA GOUYONNIERE, F-42480 LA FOUILLOUSE
France
(72)**Name of Inventor :**
1)DESJOYAUX JEAN-LOUIS
2)DESJOYAUX PIERRE-LOUIS
3)JANDROS CATHERINE

No of Pages : 10

No of Claims : 10

(57) Abstract :

Device for achieving an upper anchoring of a staircase The device for achieving an upper anchoring of a prefabricated staircase(2) for a swimming pool is characterized in that it comprises at least one element(4) with a shaped section acting as a chute for casting concrete, wherein said element(sX4) cooperate with support means which can be coupled to the staircase and to ground support poles(5) or the elements(4) can surround the upper part of the outer surface of the staircase(2).



(54) Title of the invention : METHOD AND NETWORK NODE FOR A CALL SET UP.

(51) International classification :: H04Q3/00;
H04Q3/00
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :PCT/EP2004/002962
Filing Date :20/03/2004
(87) International Publication No :WO2005/091652 A1
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

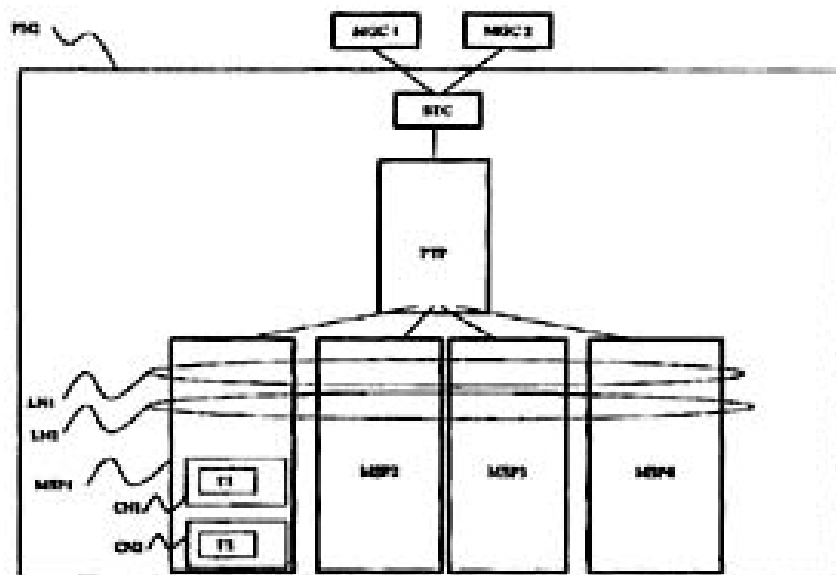
(71)Name of Applicant :
1)TELEFONAKTIEBOLAGET LM ERICSSON (publ)
Address of Applicant :S-164 83 Stockholm Sweden
(72)Name of Inventor :
1)FIEDLER,Dietmar
2)PERTTULA,Karl-Pekka

No of Pages : 20

No of Claims : 13

(57) Abstract :

According to the present invention a method is provided for establishing a connection in a telecommunications network in that call control and bearer connectivity are separated. The telecommunications network comprises one or more logical nodes providing bearer connectivity within the telecommunication network, the one or more logical nodes are implemented on a common physical node (NN1; PN2), and the invented method comprises the steps of: - determining an identification of the connection, - sending a first message requesting a creation or a reservation of a first resource (C1; T1), e.g. a bearer termination or a context and a second message requesting a creation or a reservation of a second resource (C2; T2) to the one or more logical nodes, the first and the second message comprising the identification of the connection, - creating or reserving the first (C1; T1) and the second resource (C2; T2), - comparing the identification received in the first message with the identification received in the second message, and - according to the result of the comparison connecting the first and the second resource using a connection (CI) internal to the common physical node.



(54) Title of the invention : APPARATUS AND METHOD FOR CONTROLLING TRANSMISSION POWER IN COMMUNICATION SYSTEMS USING ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SCHEME.

(51) International classification	:H04B7/005; H04L27/26	(71)Name of Applicant :
(31) Priority Document No	:25921/2004	1)Samsung Electronics Co., Ltd.
(32) Priority Date	:14/04/2004	Address of Applicant :416,MAETAN-DONG, YEONGTONG-GU,SUWON-SI, GYEONGGI-DO, RUPUBLIC OF KOREA Republic of Korea
(33) Name of priority country	:Republic of Korea	(72)Name of Inventor :
(86) International Application No	:PCT/KR05/001064	1)JAE-HEE CHO
Filing Date	:13/04/2005	2)JAE-HO JEON
(87) International Publication No	:WO 2005/101700	3)SOON-YOUNG YOON
(61) Patent of Addition to Application Number	:NA	4)SANG-HOON SUNG
Filing Date	:NA	5)IN-SEOK HWANG
(62) Divisional to Application Number	:NA	6)HOON HUH
Filing Date	:NA	7)SEUNG-JOO MAENG

No of Pages : 28

No of Claims : 20

(57) Abstract :

Disclosed is a method for controlling transmission power to be allocated to sub-carrier signals in a cellular communication system. The method comprising the steps of determining a target Signal to Interference and Noise Ratio (SINR) of sub-carrier signals employing a first frequency reuse factor selected from the multiple frequency reuse factors; determining a weight of the sub-carrier signals employing the first frequency reuse factor and a weight of other sub-carrier signals employing frequency reuse factors other than the first frequency reuse factor corresponding to the target SINR; and applying the determined weights to the sub-carrier signals employing the first frequency reuse factor and the sub-carrier signals employing frequency reuse factors other than the first frequency reuse factor, thereby controlling the transmission power.



(54) Title of the invention : MULTI-CHAMBER SYSTEM SERVING AS A LIQUID EQUALIZING TANK, AND USE THEREOF.

(51) International classification

:H01F27/14;

H01F27/10

(31) Priority Document No

:10 2004 016583.1

(32) Priority Date

:31/03/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE05/000518

Filing Date

:18/03/2005

(87) International Publication No

:WO 2005/096329

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESELLSCHAFTAddress of Applicant :WITTELSBACHERPLATZ 2, 80333 MUNCHEN,
GERMANY Germany**2)BEHR INDUSTRY GMBH & CO. KG**

(72)Name of Inventor :

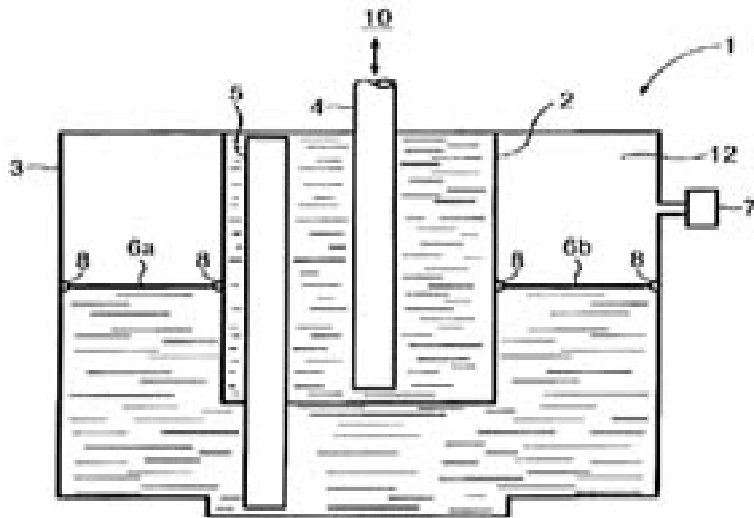
1)MARKUS,BAUMANN**2)MANFRED,BRITTING****3)THOMAS,WEIKE**

No of Pages : 13

No of Claims : 12

(57) Abstract :

The invention relates to a multi-chamber system serving as a liquid equalizing tank and to the use thereof. In the inventive multi-chamber system, a liquid expansion tank is provided due to the arrangement of the chambers and pipe systems whereby preventing external gases from entering the liquid system and enabling it to also be used in accelerated systems, such as a vehicle since no leveled out liquid columns are used. This makes it possible to provide a system for monitoring a volume of gas in a liquid-filled installation that, in addition to the multi-chamber system, also contains a Buchholz relay in the cooling liquid system. The use of this system for monitoring a volume of gas is thus suitable for means of transportation.



(54) Title of the invention : PROCESS FOR THE PREPARATION OF SUBSTITUTED TETRALIN AND SUBSTITUTED INDANE DERIVATIVES.

(51) International classification	:C07C319/14; C07C323/	(71) Name of Applicant : 1)JANSSEN PHARMACEUTICA N.V.
(31) Priority Document No	:60/564,159	Address of Applicant :TURNHOUTSEWEG 30, B-2340,
(32) Priority Date	:21/04/2004	BEERSE,BELGIUM Belgium
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US05/013870	1)FAN ZHANG-PLASKET
Filing Date	:20/04/2005	2)HUA ZHONG
(87) International Publication No	:WO 2005/105737	3)FRANK VILLANI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 163

No of Claims : 52

(57) Abstract :

The present invention relates to novel processes for the preparation of substituted tetralin and substituted indane derivatives. The present invention is further directed, to novel processes for the preparation of intermediates in the preparation of the substituted tetralin and substituted indane derivatives.

(54) Title of the invention : CUTTING TOOL AND CUTTING INSERT THEREFOR.

(51) International classification :B23C5/08;
B23C5/22
(31) Priority Document No :161373
(32) Priority Date :14/04/2004
(33) Name of priority country :Israel
(86) International Application No :PCT/IL2005/000307
Filing Date :17/03/2005
(87) International Publication No :WO2005/099949
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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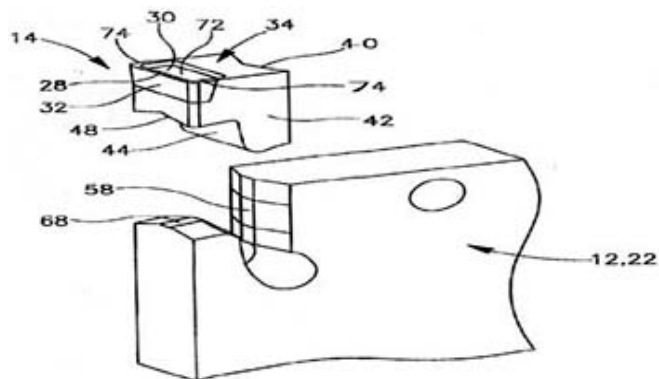
1)HECHT,GIL

No of Pages : 13

No of Claims : 17

(57) Abstract :

A cutting insert (14) comprising a cutting portion (24) and a locating portion (26), the cutting portion (24) comprising a cutting edge (28) formed at the intersection of a rake surface (30) and a relief surface (32) ; an upper surface (34), a lower surface (36) and a peripheral side surface therebetween, the peripheral side surface comprising opposing forward and rear surfaces (38, 40) and opposing side surfaces (42) extending between the forward and rear surfaces (38, 40); the relief surface (32) being located in the forward surface (38) and the rake surface (30) being located in the upper surface (34); the locating portion (26) extends downwardly from the cutting portion (24) away from the upper surface (34); the locating portion (26) comprising opposing forward and rear locating surfaces (44, 46), the rear locating surface (46) being located in the rear surface (40) and the forward locating surface (44) being located in the lower surface (36) ; and a lower locating surface (48) located in the lower surface (36) and opposing the upper surface (34), and extending between the forward surface (38) and the forward locating surface (44). A cutting tool (10; 20) with such a cutting insert.



(54) Title of the invention : METHOD AND APPARATUS FOR DETECTING A CELL IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM.

(51) International classification :H04B7/216;
H04L27/26
(31) Priority Document No :26377/2004
(32) Priority Date :16/04/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR05/001097
Filing Date :16/04/2005
(87) International Publication No :WO 2005/101780
(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)SEONG-WOOK SONG

2)YOUNG-MO GU

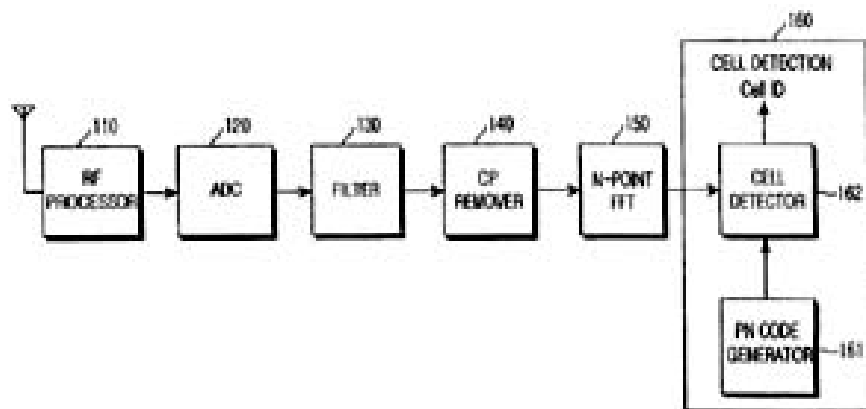
3)MIN-GOO KIM

No of Pages : 21

No of Claims : 23

(57) Abstract :

An apparatus and method are provided for detecting via a mobile station a cell in which the mobile station is located in order to initiate communication in an Orthogonal Frequency Division Multiple Access (OFDMA) system including a plurality of base stations transmitting signal with a pseudo-random noise (PN) code to the mobile station. The apparatus and method include receiving the signal from the base station and performing fast Fourier transform (FFT) on the received signal; generating a PN code for comparison with a base station's PN code included in the signal; and detecting a cell where the mobile station is located by searching for a PN code synchronized in the FFT-processed signal using the generated PN code.



(54) Title of the invention : METHOD AND DEVICE FOR EXECUTING A THERMODYNAMIC CYCLIC PROCESS.

(51) International classification :F01K25/06;
F01K25/00
(31) Priority Document No :102004018627.8
(32) Priority Date :16/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/051617
Filing Date :13/04/2005
(87) International Publication No :WO2005/100755 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 :

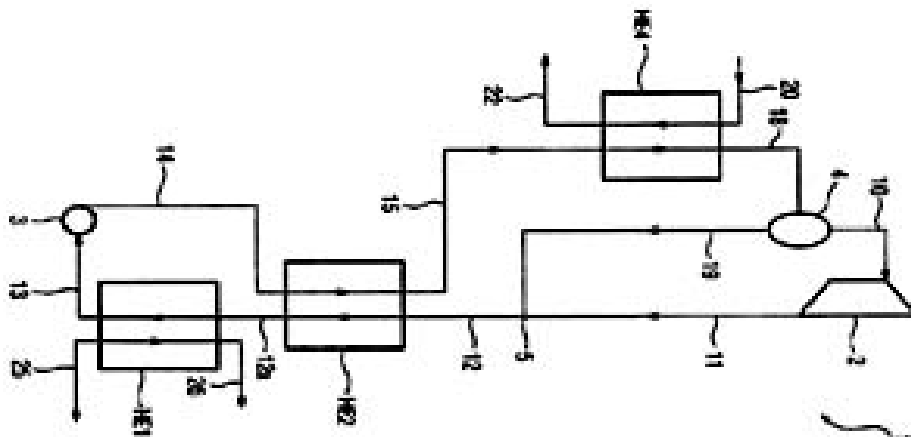
1)LENGERT JORG

No of Pages : 16

No of Claims : 14

(57) Abstract :

The aim of the invention is to reduce the complexity of a cyclic process. To this end, the pressure of a liquid working substance flow (13) is increased and a first partially evaporated working substance flow (15) is produced by the partial condensation of a working substance flow (12) with a low surface tension. Further evaporation of the first partially evaporated working substance flow (15) with heat transmitted by an external heat source (20) produces a second at least partially evaporated working substance flow (18). In said second at least partially evaporated working substance flow (18), the vaporous phase (10) is separated from the liquid phase, the energy of the vaporous phase (10) is converted into a usable form, and a vaporous phase (11) with a low surface tension is combined with the liquid phase (19) in such a way as to form the working substance flow (12) with a low surface tension. The liquid working substance flow (13) is, in turn, obtained by complete condensation of the partially condensed working substance flow (12a) with a low surface tension.



(54) Title of the invention : METHOD FOR REDUCTION OF ALIASING INTRODUCED BY SPECTRAL ENVELOPE ADJUSTMENT IN REAL-VALUED FILTERBANKS.

(51) International classification

:G10L19/02;
H03H17/02

(31) Priority Document No

:0202770-4

(32) Priority Date

:18/09/2002

(33) Name of priority country

:Sweden

(86) International Application No

:PCT/EP03/09485

Filing Date

:27/08/2003

(87) International Publication No

:WO2004/027998

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:435/KOLNP/2005

Filing Date

:16/03/2005

(71)Name of Applicant :

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1)KRISTOFER KJORLING**2)LARS VILLEMOS**

No of Pages : 25

No of Claims : 9

(57) Abstract :

The present invention proposes a new method for improving the performance of a real-valued filterbank based spectral envelope adjuster. By adaptively locking the gain values for adjacent channels dependent on the sign of the channels, as defined in the application, reduced aliasing is achieved. Furthermore, the grouping of the channels during gain-calculation, gives an improved energy estimate of the real valued subband signals in the filterbank.

(54) Title of the invention : METHOD FOR REDUCTION OF ALIASING INTRODUCED INTRODUCED BY SPECTRAL ENVELOPE ADJUSTMENT IN REAL-VALUED FILTERBANKS.

(51) International classification	:G10L 19/02
(31) Priority Document No	:0202770-4
(32) Priority Date	:18/09/2002
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/EP03/09485
Filing Date	:27/08/2003
(87) International Publication No	:WO/2004/027998
(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)KRISTOFER KJORLING
2)LARS VILLEMOS

No of Pages : 30

No of Claims : 24

(57) Abstract :

The present invention proposes a new method for improving the performance of a real-valued filterbank based spectral envelope adjuster. By adaptively locking the gain values for adjacent channels dependent on the sign of the channels, as defined in the application, reduced aliasing is achieved. Furthermore, the grouping of the channels during gain-calculation, gives an improved energy estimate of the real valued subband signals in the filterbank.

(54) Title of the invention : SYSTEM FOR CONTROLLING THE LEVEL OF POTENTIAL POLLUTANTS IN A WASTE TREATMENT PLANT.

(51) International classification :B03B 13/06
 (31) Priority Document No :161011
 (32) Priority Date :22/03/2004
 (33) Name of priority country :Israel
 (86) International Application No :PCT/IL2005/000310
 Filing Date :17/03/2005
 (87) International Publication No :WO 2005/90040
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

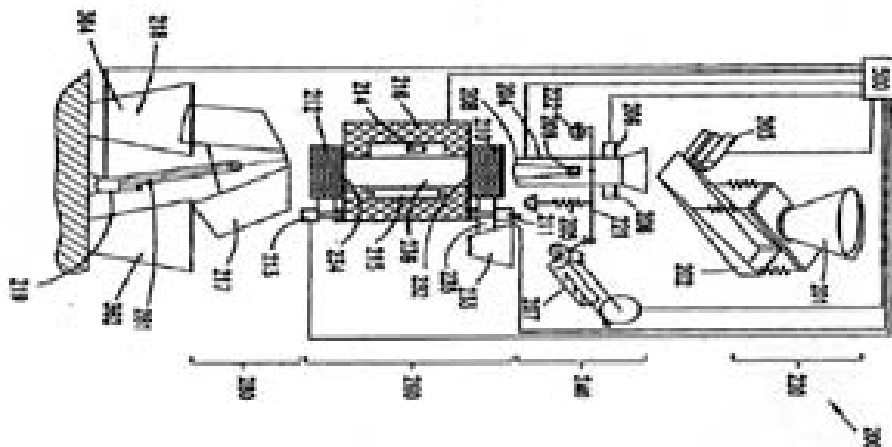
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2)GORYACHEV,IGOR,V
3)DMITRIEV,SERGEI,A
4)PEGAZ,DAVID

No of Pages : 43

No of Claims : 22

(57) Abstract :

The invention is an apparatus and method for on-line sorting of waste matter, at the entrance to a waste processing plant, according to the level of specific chemicals, typically chlorine detected therein. The apparatus comprises a waste matter inlet that provides waste matter to a weighing module, preferably until a preset limit is reached. Then, this control volume of waste is introduced into a pulsed neutron material analyzer that is optimized for the determination of the content of the specific chemical in the control volume. A control means such as a computer then decides whether the level of the chemical in the waste control volume is above or below a preset threshold, and accordingly channels the waste into one or another of two channels. One of these channels accepts waste with low content of the given chemical, for introduction into the waste processing chamber. The other channel stores the waste until, for example, it may be mixed with other waste having a sufficient low content such that the overall amount of the chemical is still below the threshold value.



(54) Title of the invention : A UNIT FOR PACKAGING ARTICLES CONTAINING INFUSION PRODUCT.

(51) International classification

:B65B5/06;

B65B35/40

(31) Priority Document No

:BO2004A000785

(32) Priority Date

:20/12/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB2005/003982

Filing Date

:14/12/2005

(87) International Publication No

:WO 2006/067619

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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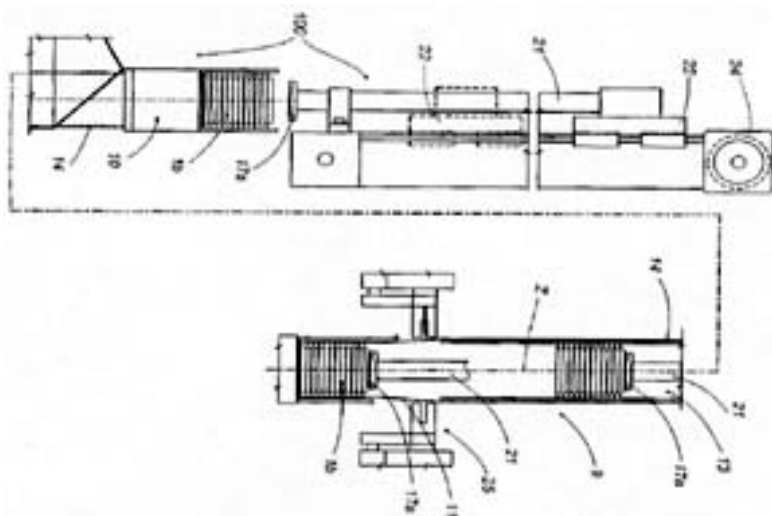
1)CONTI,ROBERTO

No of Pages : 19

No of Claims : 10

(57) Abstract :

A unit (100) for packaging articles (1) containing a product for infusion, preferably filter paper coffee pods (1), is of the type comprising at least one operating stacking station (8) for stacking the pods (1) in such a way as to form at least one stack (1a, 1b) of pods (1). The stacking station (8) comprises a device (9) for handling the pods (1) which guides and controls the stack (1a, 1b) of pods (1) as it is fed into a respective bag-like packet (11).



(54) Title of the invention : A TABLET PRESS MACHINE.

(51) International classification

:B30B11/08;

B30B15/32

(31) Priority Document No

:BO2005A000111

(32) Priority Date

:01/03/2005

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB2006/000271

Filing Date

:02/02/2006

(87) International Publication No

:WO 2006/092683

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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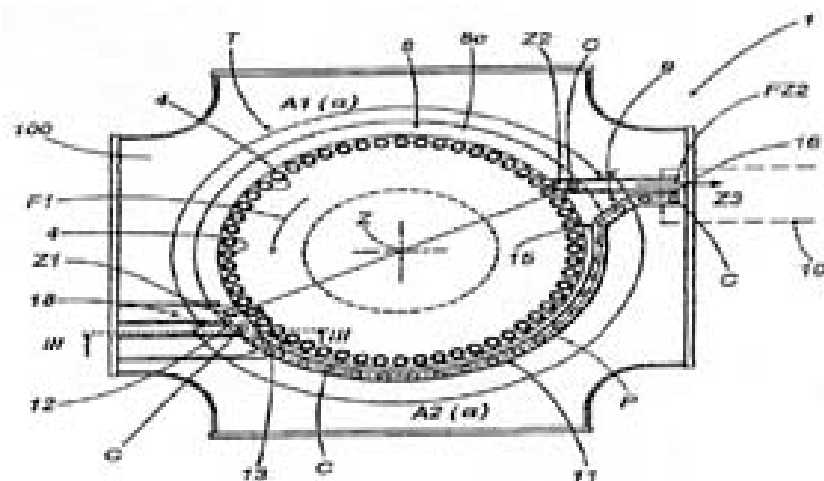
1)FERRINI,FABRIANO**2)TREBBI,ROBERTO**

No of Pages : 14

No of Claims : 7

(57) Abstract :

A tablet press machine (1) comprises a covering structure (100) enclosing in a delimited space a rotary turret (1); hopper means (2); rotary disc means (3, 5, 6) equipped with matrices (4) designed to contain defined quantities of pharmaceutical material (M) fed to them by the hopper means (2); reciprocating punch means (7; 7a, 7b); at least a first and a second station (21, 22) for completing the tablets (C) formed in respective first and second forming lines (A1, A2); the completing stations (Z1, Z2) are positioned at a defined angular interval from each, other on the turret (T); the machine (1) further comprises a single outfeed station (23) outside the structure (100) where the tablets (C) are made by the first and second fanning lines (A1, A2); and conveyor means (8) coupled with the turret (T) and defining a channel for feeding the tablets (C) formed in the first line (A1) and completed in the first completing station (Zt) to the outfeed station (23) along a path (P) running parallel to and alongside the second line (A2).



(54) Title of the invention : BIODEGRADABLE GRAFTED COPOLYMERS.

(51) International classification	:C08G 83/00
(31) Priority Document No	:04101930.8
(32) Priority Date	:05/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/IB2005/001179
Filing Date	:02/05/2005
(87) International Publication No	:WO 2005/108471
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 32

No of Claims : 20

(57) Abstract :

The invention concerns a biodegradable copolymer composition consisting of a polysaccharide backbone grafted with amphiphilic diblock copolymers, as well as a process for the preparation of such composition and a particle suitable for the release of active ingredients made of such a composition.

(54) Title of the invention : MOBILE COMMUNICATIONS NETWORK SLOT CYCLE.

(51) International classification :H04Q7/32;
H04Q7/32
(31) Priority Document No :10/829,786
(32) Priority Date :22/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/013177
Filing Date :18/04/2005
(87) International Publication No :WO 2005/104588
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

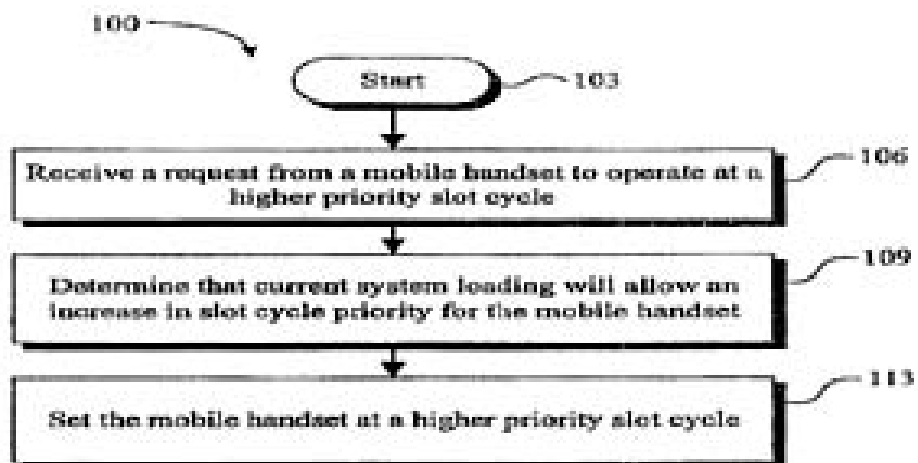
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1)TIMMS,DON

No of Pages : 25

No of Claims : 49

(57) Abstract :

The slot cycle index is currently negotiated by a mobile handset and a base station However, if the slot cycle index could be selected dynamically a mobile handset that operates result more efficiently for the user would result Talk time could be maximized when the battery, or other mobile power source is low, while connect time for a mobile call could be minimized when the battery is near fully charged or at times when the user is likely to make a mobile call Additionally, location could be used to determine the likelihood that the user will make a mobile call However, current network usage would typically need to be considered when determining if the slot cycle index should be changed Mobile handset users could also charged for quicker response times, or mobile handset on more expensive plans could be given typically faster response times. Many different things can be considered in determining when to adjust slot cycle index such as, for example, battery power, time of day, or system loading Additionally, combinations of factors can be considered to determine when to adjust slot cycle index



(12) PATENT APPLICATION PUBLICATION

(21) Application No.2972/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :13/10/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : PROCESS FOR PRODUCING INDENOL ESTERS OR ETHERS.

(51) International classification	:C07C 35/27
(31) Priority Document No	:10/849,559
(32) Priority Date	:18/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/001474
Filing Date	:10/05/2005
(87) International Publication No	:WO2005/113473
	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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4)BIRKBECK ANTHONY ALEXANDER

No of Pages : 18

No of Claims : 12

(57) Abstract :

The present invention relates to a process for making indenol esters or ether from an α -substituted cinnamic aldehyde derivative such as an acetal or an acylal. Said reaction is promoted by the use of strong mineral acids, sulphonic acids, acidic zeolites or Lewis acids.

(54) Title of the invention : FUNGICIDE MIXTURES FOR CONTROLLING PATHOGENIC AGENTS OF RICE.

(51) International classification :A01N 43/90
 (31) Priority Document No :102004023160.5
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/004481
 Filing Date :07/05/2005
 (87) International Publication No :WO/2005/112642
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

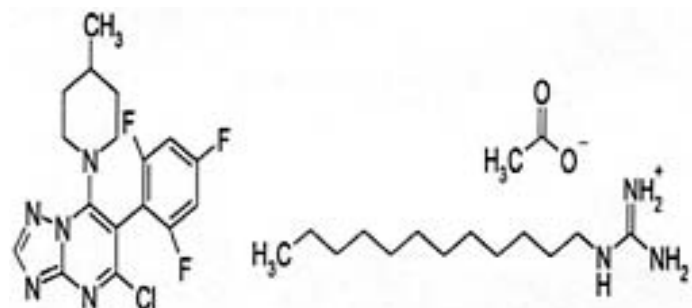
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2)GROTE THOMAS
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4)STRATHMANN SIEGFRIED
5)SCHOFEL ULRICH

No of Pages : 15

No of Claims : 10

(57) Abstract :

Fungicidal mixtures for controlling rice pathogens, which mixtures comprise, as active components, 1) the triazolopyrimidine derivative of the formula I and 2) dodine of the formula II in a synergistically effective amount, methods for controlling rice pathogens using mixtures of the compound I with the compound II, the use of the compound I with the compound II for preparing such mixtures and compositions comprising these mixtures.



(54) Title of the invention : FUNGICIDE MIXTURES.

(51) International classification	:A01N 43/90
(31) Priority Document No	:102004023248.2
(32) Priority Date	:07/05/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/004482
Filing Date	:27/05/2005
(87) International Publication No	:WO/2005/112643
(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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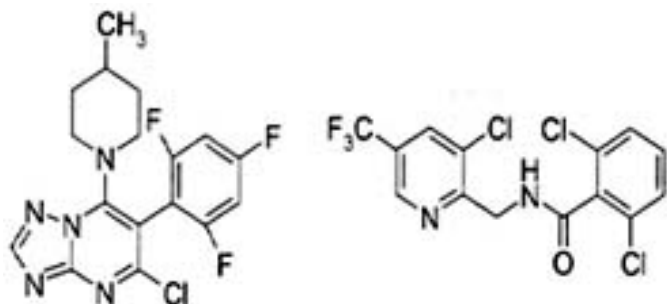
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4)STIERL REINHARD
5)STRATHMANN SIEGFRIED
6)SCHOFEL ULRICH
7)GEWEHR MARKUS

No of Pages : 14

No of Claims : 10

(57) Abstract :

Fungicidal mixtures comprising,as active components 1) the triazolopyrimidine derivative of the formula I and 2)the benzamide of the formula II in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with the compound II and the use of the compound I with the compound II for preparing such mixtures, and also compositions comprising these mixtures.



(54) Title of the invention : METHOD OF SURFACE CLEANING AND TREATING WASTE PRODUCT GENERATED.

(51) International classification

:B08B7/00;
B09B3/00

(31) Priority Document No

:60/561,684

(32) Priority Date

:13/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/012379

Filing Date

:13/04/2005

(87) International Publication No

:WO2005/099921 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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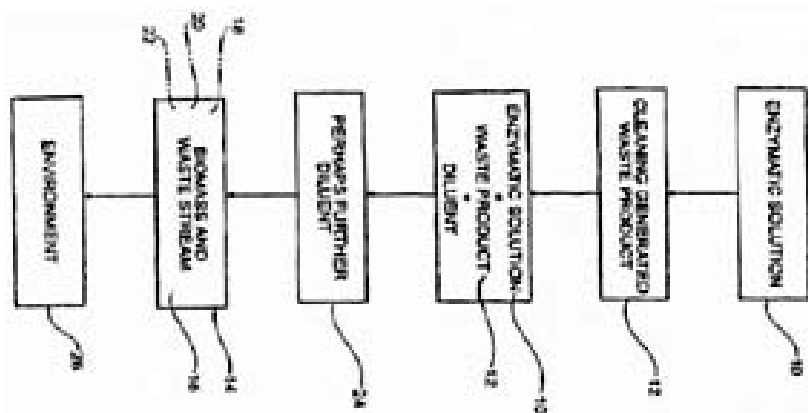
1)GREGORY ,DAVID B**2)SOPER,WILLIAM,W**

No of Pages : 20

No of Claims : 21

(57) Abstract :

A method of treating waste product containing biomass digestible product residues includes using a surfactant penetrant containing complex molecule enzymatic breakdown agent in the cleaning of waste products from processing surfaces to create a liquid waste stream including active enzymatic material. The method includes diluting the waste stream to a predetermined state and moving the liquid waste stream to a biomass having waste eating bacteria- The method further includes raising the metabolic rates of the bacteria in the biomass to increase their rate of digestion of the waste product in the waste stream while the enzymatic material remains active to simplify complex molecules in the waste.



(54) Title of the invention : HIGHLY EFFICIENT HEAT CYCLE DEVICE.

(51) International classification

:F01K23/02;
F25B27/02

(31) Priority Document No

:NA

(32) Priority Date

:NA

(33) Name of priority country

:NA

(86) International Application No

:PCT/JP2004/007516

Filing Date

:01/06/2004

(87) International Publication No

:WO2005/119016

(61) Patent of Addition to Application Number

A1

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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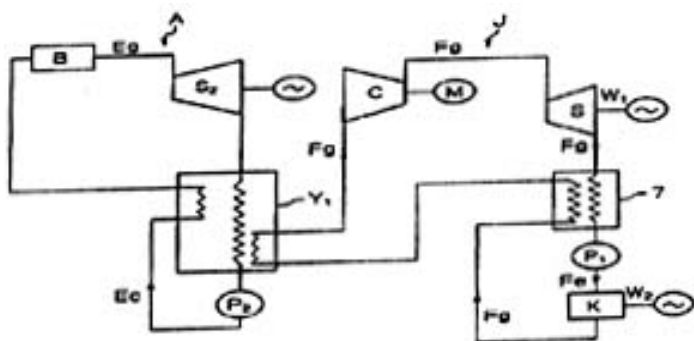
1)MASADA NOBORU

No of Pages : 36

No of Claims : 11

(57) Abstract :

A highly efficient heat cycle device formed by combining a heat engine (A) with a refrigerating machine (J), wherein steam (Fig) generated in a boiler (B) is cooled by a condenser (Y1) after driving a turbine (S2), built up by a pump (P2), and circulated into the boiler (B) in the form of high-pressure condensate. Refrigerant gas (Fig) compressed by a compressor (C) is passed through the radiating side of a heat exchanger (7) for cooling after driving the turbine (S) to output a work (W1), and built up by a pump (P,) to form high-pressure refrigerant liquid. The high-pressure refrigerant liquid drives a reaction water-turbine (K) to output a work (W2) and is expanded and vaporized to form refrigerant gas. The refrigerant gas is led into the compressor (C) after being passed through the heat absorbing side of the heat exchanger (7) and the condenser (Y,) for heating.



(54) Title of the invention : CANINE COLD-AND MENTHOL-SENSITIVE RECEPTOR 1.

(51) International classification :C07K14/435;
C07K14/4
(31) Priority Document No :60/560,400
(32) Priority Date :08/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011391
Filing Date :06/04/2005
(87) International Publication No :WO2005/100386 A3
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

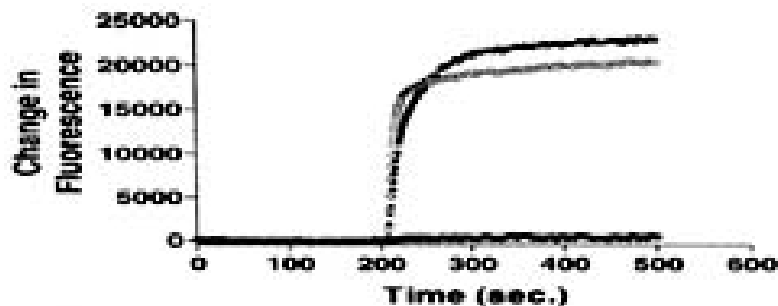
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2)Yi Liu
3)Mary Lou Lubin
4)Ning Qin

No of Pages : 70

No of Claims : 48

(57) Abstract :

The present invention provides nucleic acid and polypeptide sequences describing a novel canine cold-and menthol-sensitive receptor, herein named as canine CMR1 (cCMR1). The isolated nucleic acid or polypeptide molecule of the invention can be used in detection assays and screening assays.



(54) Title of the invention : HUMAN GLP-1 MIMETIBODIES, COMPOSITIONS, METHODS AND USES.

(51) International classification

:A61K38/26;

A61K38/26

(31) Priority Document No

:60/557,983

(32) Priority Date

:31/03/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/010456

Filing Date

:28/03/2005

(87) International Publication No

:WO2005/097175 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 :

1)CENTOCOR,INC

Address of Applicant :200 Great Valley Parkway Malvern,PA 19355

U.S.A.

(72)Name of Inventor :

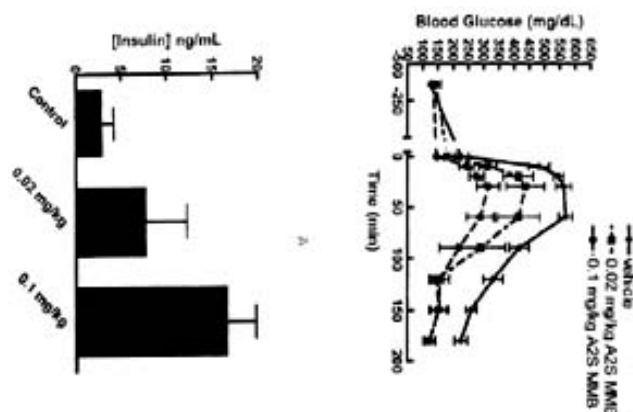
1)Karyn o'neil**2)Kristen Picha**

No of Pages : 109

No of Claims : 30

(57) Abstract :

The present invention relates to at least one novel human GLP-1 mimetibody or specified portion or variant, including isolated nucleic acids that encode at least one GLP-1 mimetibody or specified portion or variant, GLP-1 mimetibody or specified portion or variants, vectors, host cells, transgenic animals or plants, and methods of making and using thereof, including therapeutic compositions, methods and devices.



(54) Title of the invention : SWITCHING DEVICE.

(51) International classification

:H01H1/54;

H01H71/00

(31) Priority Document No

:102004018275.2

(32) Priority Date

:15/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/051520

Filing Date

:05/04/2005

(87) International Publication No

:WO2005/101435 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)SIEMENS AKTIENGESELLSCHAFT

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(72)Name of Inventor :

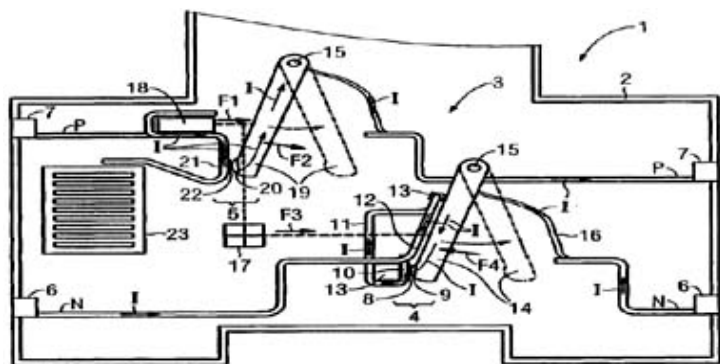
1)LEITL WOLFGANG**2)POHLE CHRISTIAN**

No of Pages : 17

No of Claims : 16

(57) Abstract :

The aim of the invention is to create a switching device (3) that ensures a time-delayed separation of the switching point (4) using simple means. To this end, the mobile contact carrier (14) is associated, in the closed position, with a current conductor (12) that is electroconductively connected to the fixed contact carrier (10) and has a current direction the same as the mobile contact carrier (14). In this way, the force effect of the actuating force (F3) of the energy accumulator, acting on the mobile contact carrier (14), is reduced by the force effect of the current-related electromagnetic retaining force (F4), and a time-delayed exchange is thus carried out in the open position.



(54) Title of the invention : SUBSTITUTED THIOPHENE DERIVATIVES AS ANTI-CANCER AGENTS.

(51) International classification :C07D 409/04
 (31) Priority Document No :60/558,342
 (32) Priority Date :30/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/010690
 Filing Date :30/03/2005
 (87) International Publication No :WO2005/095386 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

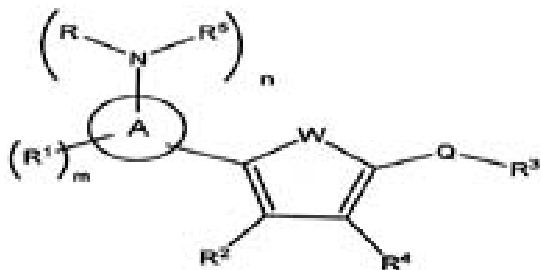
(71)**Name of Applicant :**
1)CHIRON CORPORATION
 Address of Applicant :4560 Horton Street Emeryville,California 94608-2916 U.S.A.
2)WANG,XIAO JING MICHAEL
 (72)**Name of Inventor :**
1)LIN,XIAODONG
2)RICO,ALICE
3)ZHOU,YASHEEN
4)JEFFERSON,ANN,B
5)WALTER,ANNETTE

No of Pages : 241

No of Claims : 30

(57) Abstract :

The present invention relates to new substituted five-membered compounds and pharmaceutically acceptable salts, esters or prodrugs thereof, compositions of the new compounds together with pharmaceutically acceptable carriers, and uses of the new compounds. The compounds of the invention have the following general formula (I).



(54) Title of the invention : NOVEL COMPOUNDS AS OPIOID RECEPTOR MODULATORS.

(51) International classification :C07D 233/54
 (31) Priority Document No :60/553,342
 (32) Priority Date :15/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/008339
 Filing Date :14/03/2005
 (87) International Publication No :WO2005/090315 A1
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

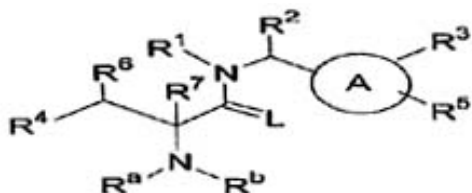
(71)Name of Applicant :
1)JANSSEN PHARMACEUTICA N.V
 Address of Applicant :Turnhoutseweg 30, B-2340 Beerse Belgium
 (72)Name of Inventor :
1)Henery J.Breslin
2)Chaozhong cai
3)Wei He
4)Robert W.Kavash

No of Pages : 198

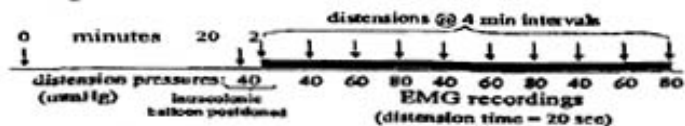
No of Claims : 53

(57) Abstract :

The present invention is directed to novel opioid receptor modulators of Formula (I). The invention further relates to methods for preparing such compounds, pharmaceutical compositions containing them/ and their use in the treatment of disorders that may be ameliorated or treated by the modulation of opioid receptors.



Recording



Zymosan treatment



(54) Title of the invention : STEEL ALLOY FOR CUTTING DETAILS.

(51) International classification	:C22C 38/22
(31) Priority Document No	:0400806-6
(32) Priority Date	:26/03/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2005/000422
Filing Date	:22/03/2005
(87) International Publication No	:WO 2005/093112
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)SANDVIK INTELLECTUAL PROPERTY AB

Address of Applicant :S-811 81 SANDVIKEN, SWEDEN Sweden

(72)Name of Inventor :

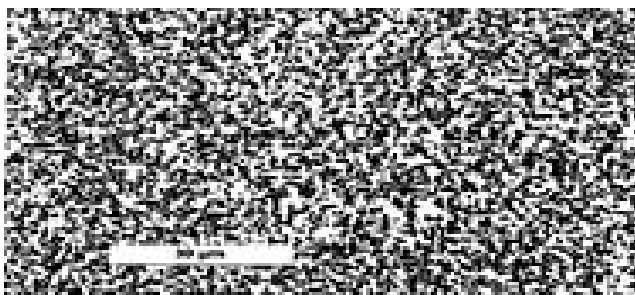
1)NILSSON,JONAS**2)ROSBERG,ANDREAS**

No of Pages : 24

No of Claims : 11

(57) Abstract

The invention relates to a steel alloy of the following composition (in % by weight) C 0,40-0,60 Si 0,1-1,0 Mn 0,3-1,0 Cr 12-15 MO 2,5-4,0 Ni 0-1,0 Co 0-4,0 N 0,15-0,20, with the balance Fe as well as normally occurring impurities, the hardness being > 56 HRC, which has been attained without deep freezing, as well as $PRE > 25$, defined as $PRE = \% Cr + 3,3 \cdot \% Mo + 16 \cdot \% N$. Furthermore, the steel alloy comprises carbides, nitrides and/or carbonitrides the maximal diameter of which does not exceed 5 μm . This steel alloy has turned out surprisingly well suitable as edge material for a plurality of cutting operations.



(54) Title of the invention : MATERIAL FOR ELECTROLYTIC SOLUTION ,IONIC MATERIAL-CONTAINING COMPOSITION AND USE THEREOF.

(51) International classification :H01M 10/40
 (31) Priority Document No :2004-140384
 (32) Priority Date :10/05/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/008814
 Filing Date :09/05/2005
 (87) International Publication No :WO 2005/109562
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)Name of Applicant :
1)NIPPON SHOKUBAI CO.,LTD.
 Address of Applicant :1-1,KORAIBASHI 4-CHOME, CHUO-KU,OSAKA-SHI, OSAKA 5410043, JAPAN Japan

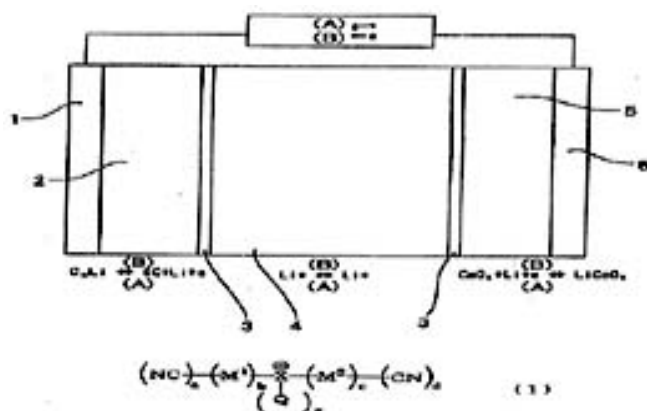
(72)Name of Inventor :
1)MIZUTA KEIICHIRO
2)TAKEBE KEIKO

No of Pages : 87

No of Claims : 18

(57) Abstract :

An object of the present invention is to provide a material for an electrolytic solution having improved ionic conductivity and, showing excellent in low temperature property, being stable with time, and being electrochemically stable at a high potential, and an ionic material-containing composition exhibiting excellent fundamental performance such as electrochemical stability, and preferably used in a variety of utilities. Another object of the present invention is to provide utilities thereof. The material for an electrolytic solution is the material containing an ionic compound, and the material comprises a cyano group-containing anion represented by the formula (1) and 1 to 99% by mass of a solvent in 100% by mass of the material for an electrolytic solution.



(54) Title of the invention : PURIFICATION OF PROGESTERONE RECEPTOR MODULATORS.

(51) International classification	:C07D 265/18
(31) Priority Document No	:60/565,659
(32) Priority Date	:27/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/013997
Filing Date	:25/04/2005
(87) International Publication No	:WO 2005/104711
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

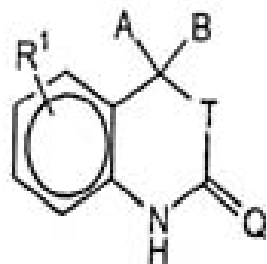
(71) Name of Applicant : 1)WYETH Address of Applicant :FIVE GIRALDA FARMS, MADISON,NJ 07940, U.S.A. U.S.A.
(72) Name of Inventor : 1)WILK BOGDAN KAZIMIERZ 2)RUBEZHOV,ARKADIY,ZINOVII 3)HADFIELD,ANTHONY,FRANCIS 4)HELOM,JEAN,LOUISE

No of Pages : 39

No of Claims : 28

(57) Abstract :

Methods for purifying a compound of formula I are provided, wherein A, B, X, Q, and R1 are defined herein The methods include mixing the compound of formula I and a solvent, adding a base to the solvent, and precipitating purified compound of formula, I



(54) Title of the invention : A CAPSULE FILLING MACHINE AND METHOD FOR PRODUCING HARD GELATING CAPSULES.

(51) International classification

:A61J3/07;

B65B1/38

(31) Priority Document No

:BO2004A000310

(32) Priority Date

:18/05/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB2005/001398

Filing Date

:09/05/2005

(87) International Publication No

:WO 2005/112868

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)I.M.A.INDUSTRIA MACCHINE AUTOMATICHE S.P.A.

Address of Applicant :VIA EMILIA LEVANTE, 428-442,I-40064,OZZANO EMILIA(BOLOGNA), ITALY Italy

(72)Name of Inventor :

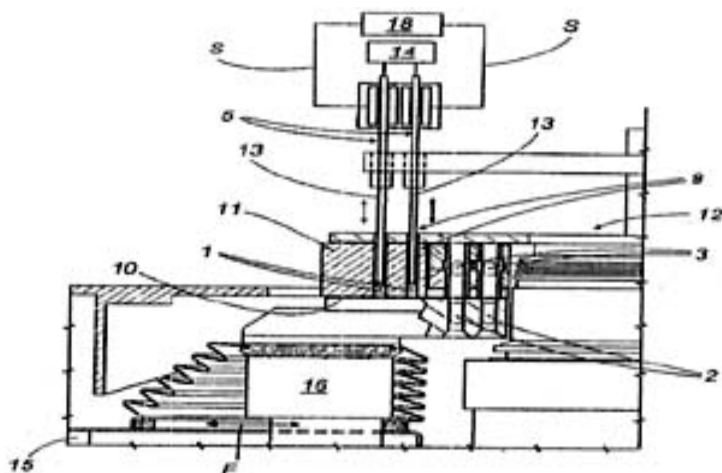
1)TREBBI,ROBERTO

No of Pages : 13

No of Claims : 8

(57) Abstract :

A capsule filling machine (100) for the production of hard gelatin capsules (C) of the type with lid (3) and body (2) containing a quantity (1) of pharmaceutical material comprises a rotatory turret or carousel (15) which defines at least one capsule (C) handling line (L) and on which the following are positioned, one after the other: at least one station (6) for feeding empty capsules (C); at least one opening station (20) where the capsule bodies (2) are separated from the lids (3) to form two separate rows of capsule bodies (2) and lids (3); at least one station (7) for feeding and dosing the quantities (1) of pharmaceutical material to be filled into the capsule bodies (2); and at least one station (8) for closing the capsules. (C) by placing a lid (3) over each respective body (2); the machine (100) also comprises means (9) for detecting and volumetrically checking the quantity (1) of pharmaceutical material filled into each capsule body (2), the detecting and checking means (9) comprise transducer means (5) for measuring the volume of said quantities (1) before they are filled into the capsule bodies (2).



(54) Title of the invention : SYSTEM FOR DETECTING ROLLER BREAKAGE IN A TUNNEL KILN.

(51) International classification

:F27B9/40;

F27D21/00

(31) Priority Document No

:RE2004A000060

(32) Priority Date

:21/05/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2005/004958

Filing Date

:04/05/2005

(87) International Publication No

:WO 2005/114081

(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 :3,VIA MARCONI,I-40122 BOLOGNA, ITALY

Italy

(72)Name of Inventor :

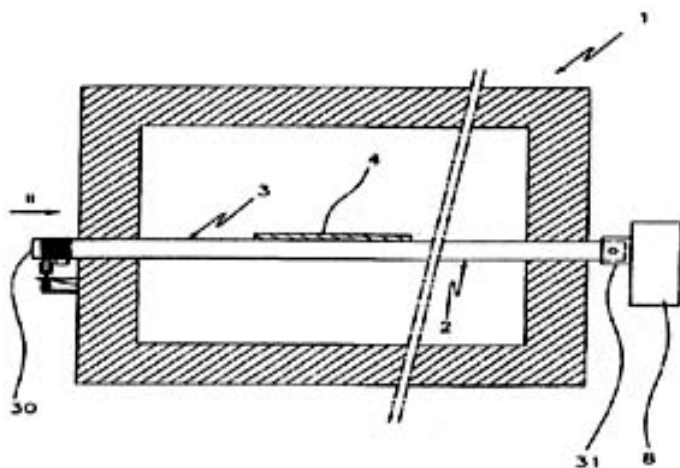
1)PIFFERI GIUSEPPE

No of Pages : 23

No of Claims : 10

(57) Abstract :

Method for detecting roller breakage in a tunnel kiln comprising a roller conveyor for advancing articles to be fired inside the tunnel, the ends of said rollers being supported outside the tunnel of said kiln, one of said ends being associated with drive means and the opposite end being free and supported by suitable idle wheels, there being associated with said free end a circuit for warning of roller breakage and means for exerting on the free end of the roller a force, the modulus of which is such as to cause a displacement of the end portion of the roller on breakage, to activate said warning circuit.



(54) Title of the invention : THERMAL RESPONSE CORRECTION SYSTEM.

(51) International classification :B41J2/05; B41J2/07
 (31) Priority Document No :10/831,925
 (32) Priority Date :26/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013324
 Filing Date :18/04/2005
 (87) International Publication No :WO 2005/105457
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

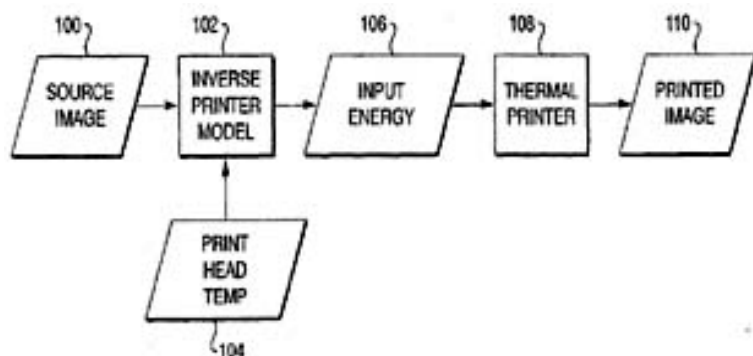
(71)**Name of Applicant :**
1)POLAROID CORPORATION
 Address of Applicant :1265 MAIN STREET ,WALTHAM, MA 02451,
 U.S.A. U.S.A.
 (72)**Name of Inventor :**
1)BUSCH BRIAN D
2)SAQUIB SUHAIL S
3)VETTERLING WILLIAM T

No of Pages : 68

No of Claims : 44

(57) Abstract :

A model of a thermal print head is provided the models the thermal response of thermal print head elements to the provision of energy to the print head elements over time. The amount of energy to provide to each of the print head elements during a print head cycle to produce a spot having the desired density is calculated based on: (1) the desired density to be produced by the print head element during the print head cycle, (2) the predicted temperature of the print head element at the beginning of the print head cycle, (3) the ambient printer temperature at the beginning of the print head cycle, and (4) the ambient relative humidity.



(54) Title of the invention : CHROMONE COMPLEXES.

(51) International classification	:C07D 311/22	(71) Name of Applicant :
(31) Priority Document No	:102004016250.6	1)MERCK PATENT GMBH
(32) Priority Date	:02/04/2004	Address of Applicant :Frankfurter Strasse 250, 64293 Darmstadt Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/002369	1)CAROLA,Christophe
Filing Date	:07/03/2005	2)ROSSKOPE,Ralf
(87) International Publication No	:WO2005/097772 A1	3)BUCHHOLZ,Herwig
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 95

No of Claims : 18

(57) Abstract :

The invention relates to complexes of certain chromone derivatives, preparations containing such derivatives, corresponding methods for producing chromone derivatives or preparations containing the same, and to the use thereof, especially for skin or hair care and for preserving or improving the general condition of the skin or hair.

(54) Title of the invention : MILLING HEAD FOR MILLING CHAMFERS.

(51) International classification

:B23B51/10;
B23C5/20

(31) Priority Document No

:102004016566.1

(32) Priority Date

:31/03/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE2005/000592

Filing Date

:30/03/2005

(87) International Publication No

:WO2005/095038 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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Address of Applicant :Weimarer Strasse 12,66606 St.wendel Germany

(72)Name of Inventor :

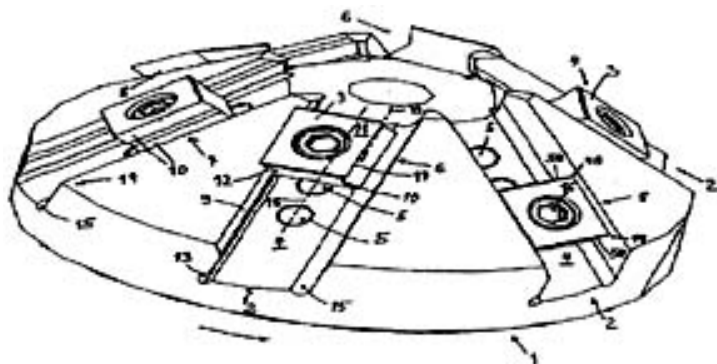
1)STEPHAN RIETH

No of Pages : 14

No of Claims : 12

(57) Abstract :

The invention relates to a method and a device for producing and filling containers. According to the invention, at least one tube (12) made of a softened plastic material is extruded into an open mold (16), the leading end of said tube (12) is welded when the mold (16) is closed in order to form the bottom of the container, the tube (12) is cut in two above the mold by means of a cutting element (28) so as to form a feed hole (18), and the mold (16) along with the tube (12) comprising the open feed hole (18), is moved into a filling position in which the container is filled and then sealed after being configured in the mold (16) by generating a pressure gradient that acts upon the tube (12) and expands the same. The feed hole (18) of the tube (12) is covered by a sterile barrier (30) at least from the moment said feed hole (18) is formed to the time the associated container is filled in a sterile space. A high degree of sterility is obtained by the fact that at least one sterile medium (34) is conveyed in the direction of the feed hole (18) by means of the sterile barrier (30) and a medium-conveying device (36).



(54) Title of the invention : COMPOSITION AND METHOD FOR INHIBITING PLATELET AGGREGATION.

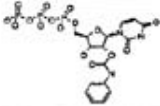
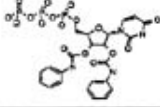
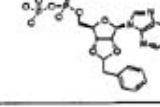
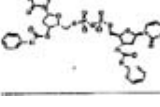
(51) International classification	:C07H19/10; C07H19/20	(71)Name of Applicant :
(31) Priority Document No	:10/814,007	1)INSPIRE PHARMACEUTICALS,INC.,
(32) Priority Date	:30/03/2004	Address of Applicant :4222 Emperor Blvd., SUITE 470,Durham,North Carolina 27599 ,US Company U.S.A.
(33) Name of priority country	:U.S.A.	2)UNIVERSITY OF NORTH CAROLINA
(86) International Application No	:PCT/US2005/011324	(72)Name of Inventor :
Filing Date	:30/03/2005	1)BOYER,JOSE
(87) International Publication No	:WO2005/097814 A2	2)DOUGLASS,JAMES ,G.III
(61) Patent of Addition to Application Number	:NA	3)SHAVER,SAMMY RAY
Filing Date	:NA	4)WATSON,PAUL S
(62) Divisional to Application Number	:NA	5)KRISHNAMOORTHY,RAMESH
Filing Date	:NA	

No of Pages : 91

No of Claims : 24

(57) Abstract :

This invention is directed to a method of preventing or treating diseases or conditions associated with platelet aggregation The method is also directed to a method of treating thrombosis The method comprises administering to a subject a pharmaceutical composition comprising a therapeutic effective amount of P2Y12 receptor antagonist compound, wherein said amount is effective to bind the P2Y12 receptors on platelets and inhibit ADP-induced platelet aggregation. The P2Y12 receptor antagonist compounds useful for this invention include mononucleoside 5'-monophosphates, mononucleoside polyphosphates, and dinucleo-side poly phosphates of general Formula T, or salts thereof The present invention also provides novel compounds of mononucleoside 5'-monophosphates and di nucleoside di -phosphates The present invention further provides pharmaceutical formulations composing a pharmaceutical earner and mononucleoside 5'-monophosphates or dinucleoside diphosphates)

Structure	Name	IC ₅₀ (µM)
	2',3'-bisphosphoryl-UTP	100
	2',3'-bisphosphoryl-UTP	100
	2',3'-bisphosphoryl-UTP	100
	2',3'-bisphosphoryl-UTP	100

(54) Title of the invention : UNAUTHORIZED CONTENTS DETECTION SYSTEM.

(51) International classification

:G06F21/00;
G06F21/00

(31) Priority Document No

:2004-110069

(32) Priority Date

:02/04/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/006215

Filing Date

:24/03/2005

(87) International Publication No

:WO2005/096119
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)MATSUSHITA ELECTRIC INDUSTRIAL CO.,LTDAddress of Applicant :1006,Oazakkadoma,Kadoma-shi,osaka 571-8501
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(72)Name of Inventor :

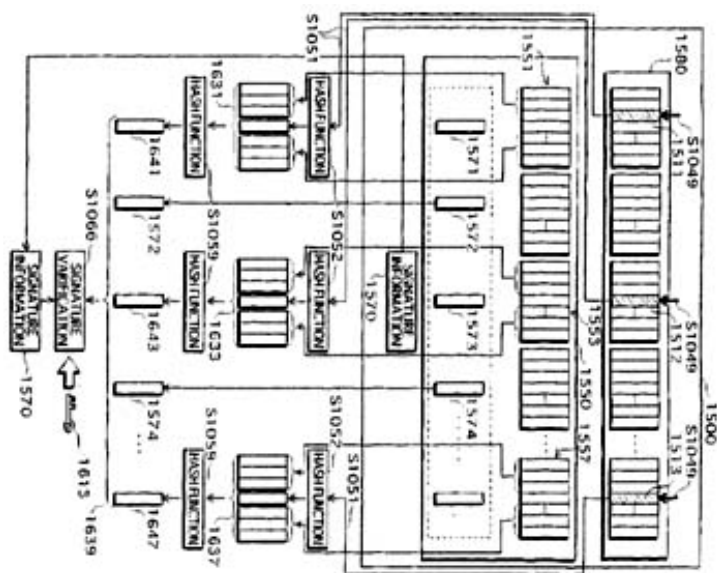
1)Masao NONAKA**2)Yuichi FUTA****3)Toshihisa NAKANO****4)Kaoru YOKOTA****5)Kaoru YOKOTA****6)Motji OHMORI****7)Masaya MIYAZAKI****8)Masaya YAMAMOTO****9)Kaoru MURASE****10)Senichi ONODA**

No of Pages : 183

No of Claims : 15

(57) Abstract :

Processing load on an executing device for conducting playback is high during the playback of contents since the executing device performs verification of the contents validity in parallel with the contents playback, and therefore the executing device has to be equipped with a highly efficient processor. The present invention reduces the processing load involved in the verification by using, for the verification, only a predetermined number of encrypted units selected randomly from multiple encrypted units constituting encrypted contents recorded on the DVD. In addition, the present invention is capable of improving the accuracy of detecting unauthorized contents to some extent by randomly selecting a predetermined number of encrypted units every time the verification is performed.



(54) Title of the invention : TELECOMMUNICATIONS CONNECTOR.

(51) International classification

:H01R9/03;

H01R12/08

(31) Priority Document No

:60/562,992

(32) Priority Date

:19/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/CA2005/000588

Filing Date

:19/04/2005

(87) International Publication No

:WO 2005/101579

(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 :2345,BOUL. DEL SOURCES, POINTE-CLAIRE(QUEBEC), H9R 5Z3,CANADA Canada

(72)Name of Inventor :

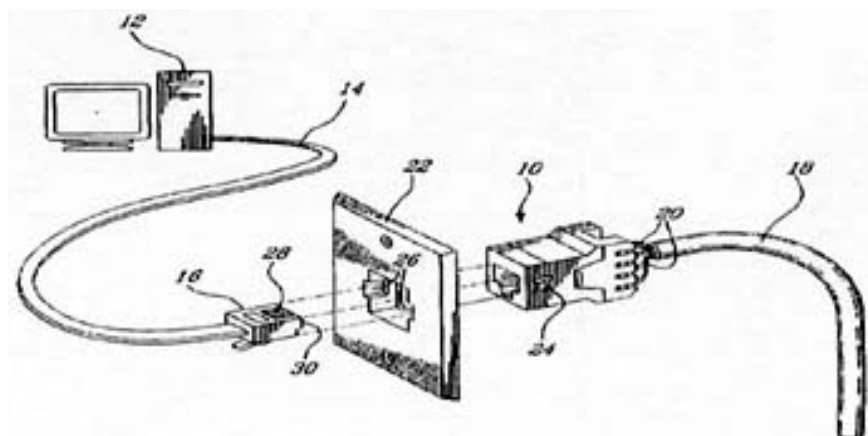
1)MILETTE,LUC**2)BOHBOT,MICHEL****3)SIGOUIN,GILLES****4)SIEV,VIRAK**

No of Pages : 30

No of Claims : 37

(57) Abstract :

A contact element and mechanism for use in a connector, the connector comprising a socket adapted for receiving a cable plug composing a terminal contact. The contact element and mechanism comprise a flexible dielectric substrate and a first conductive strip on a first surface of the substrate. When the plug is inserted into the socket, the terminal contact comes into contact with the conductive strip. There is also provided a compensating connector for interconnection with a cable plug, the plug comprising a plurality of terminal contacts. The connector comprises a socket adapted for receiving the plug, a plurality of contact elements disposed in the socket, each of the contact elements comprising a conductive strip, and a compensation network comprised of a plurality of compensating elements. Each of the compensating elements is located adjacent to one of the contact elements. When the plug is inserted into the socket, each of the terminal contacts comes into contact with a predetermined one of the conductive strips.



(54) Title of the invention : 8-(2-HYDROXYPHENOXY) OCTYLDIETHANOLAMINE AND SALTS THEREOF FOR DELIVERY OF ACTIVE AGENTS.

(51) International classification :A61K 31/675
 (31) Priority Document No :60/563,281
 (32) Priority Date :16/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013174
 Filing Date :18/04/2005
 (87) International Publication No :WO 2005/115406
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

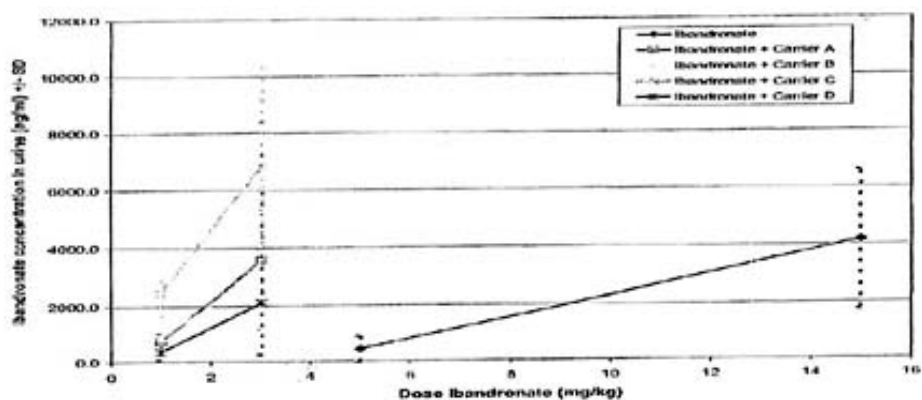
(71)Name of Applicant :
1)EMISPHERE TECHNOLOGIES,INC
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 (72)Name of Inventor :
1)GSCHNEIDNER,DAVID

No of Pages : 31

No of Claims : 19

(57) Abstract :

The present invention provides 8-(2-hydroxyphenoxy) octyldiethanolamine) and salts thereof, compositions containing the same and one or more active agents, and methods of administering active agents with the same. The delivery agents of the present invention are well suited for forming non-covalent mixtures with active agents for oral, intracolonic, pulmonary, and other routes of administration to animals.



(54) Title of the invention : SYSTEM AND METHOD FOR AUTOMATICALLY INITIATING AND DYNAMICALLY ESTABLISHING SECURE INTERNET CONNECTIONS BETWEEN A FIRE-WALLED SERVER AND A FIRE-WALLED CLIENT.

(51) International classification	:H04L12/28; H04L12/28
(31) Priority Document No	:60/561,806
(32) Priority Date	:12/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/012454
Filing Date	:12/04/2005
(87) International Publication No	:WO 2005/101747
(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)GILLESPIE BRIAN**2)SALMEN HELMUT****3)TRACEY DAVID**

No of Pages : 24

No of Claims : 31

(57) Abstract :

A system and method for automatically and dynamically initiating and establishing secure connections between a Server and a Client using a session control server (SCS) Both the Server and the Client are connected to an untrusted network (such as the Internet) through a Network Address Translator or Translation (NAT) muter or a firewall. The SCS, independently trusted by both the Server and the Client, brokers the required connection parameters to establish a secure connection between the Server and the Client The system and method does not require any user configuration on the Client and eliminates the need for the Server to accept explicit connection requests or packets from the Client, thereby allowing the Server firewall to always remain closed to all inbound traffic.

(54) Title of the invention : ROTATING LOCKING, SPRING LOADED ARTIFICIAL DISK.

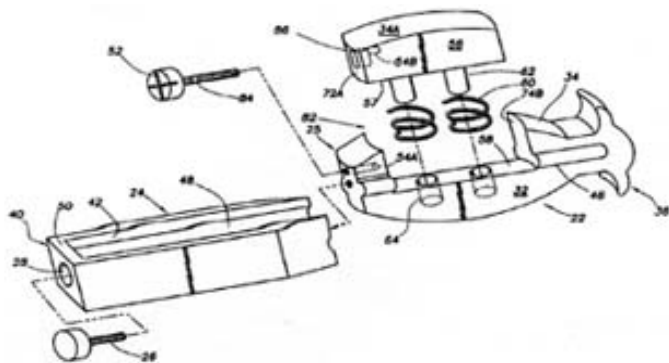
(51) International classification	:A61F2/44; A61F2/00	(71)Name of Applicant :
(31) Priority Document No	:10/804,895	1)PERUMALA CORPORATION
(32) Priority Date	:19/03/2004	Address of Applicant :942 WILD ROSE LANE, BROWNS VILLE, TX
(33) Name of priority country	:U.S.A.	78520, U.S.A. U.S.A.
(86) International Application No	:PCT/US2005/009323	(72)Name of Inventor :
Filing Date	:19/03/2005	1)PISHARODI MADHAVAN
(87) International Publication No	:WO 2005/092250	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 27

(57) Abstract :

A rotating, locking, spring-loaded disk implant for stabilizing adjacent vertebrae. The implant (22) is substantially rectangular in cross-sectional shape with minimal height and maximal width. The implant is inserted into the space between two adjacent vertebrae from which a portion of the intervertebral disk has been removed and, when positioned in the disk space, rotated to bring the sides of the rectangularly-shaped implant defining the width of the implant, with its larger dimension, into engagement with the bodies of the adjacent vertebrae. A portion (56) of the implant is biased away from the implant and into contact with the adjacent vertebrae to provide a cushioning effect between the implant and the vertebra. A lock (24) is then secured to the implant to resist further rotation of the implant in the disk space.



(54) Title of the invention : A METHOD FOR SQUEEZING FOUNDRY SAND, A MATCH PLATE, AND AN UPPER AND A LOWER FLASK.

(51) International classification

:B22C15/02;
B22C15/00

(31) Priority Document No

:2004-133547

(32) Priority Date

:28/04/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/007969

Filing Date

:27/04/2005

(87) International Publication No

:WO 2005/105339

(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 :

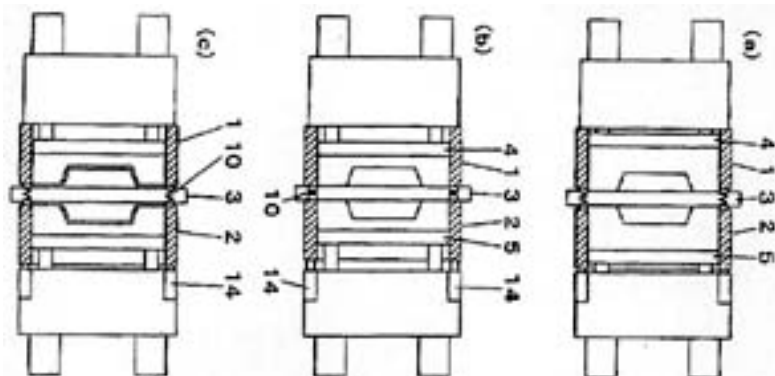
1)HIRATA MINORU**2)TERABE TOKIYA****3)SAKAGUCHI KOICHI**

No of Pages : 24

No of Claims : 10

(57) Abstract :

A method of squeezing a foundry sand capable of solving a problem in upper and lower molds manufactured by a mold manufacturing apparatus, in which the foundry sand is squeezed by moving upper and lower squeeze plates close to each other after the foundry sand is filled in upper and lower molding spaces formed by the upper and lower flasks, match plates, and upper and lower squeeze means, wherein the hardness and strength thereof near the inner surfaces of the upper and lower flasks are not sufficient. The method is characterized in that the upper and lower squeeze plates are moved close to each other to squeeze the foundry sand in upper and lower molding chambers, and the pattern parts of the match plates are advanced to the upper and lower squeeze plate sides to further squeeze the foundry sand in the upper and lower molding chambers.



(54) Title of the invention : PIPERAZINYLPYPERIDINE DERIVATIVES AS CHEMOKINE RECEPTOR ANTAGONISTS.

(51) International classification :C07D401/06;
C07D401/
(31) Priority Document No :60/561,697
(32) Priority Date :13/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012265
Filing Date :12/04/2005
(87) International Publication No :WO 2005/101838
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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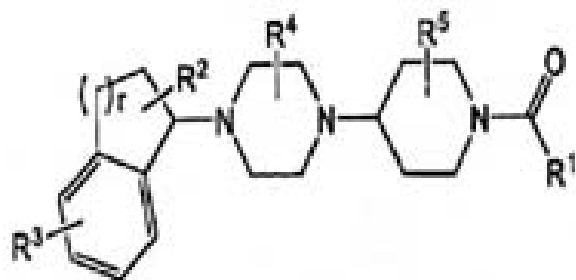
1)XUE CHU-BIAO**2)CAO GANFENG****3)CHEN LIHUA****4)WANG ANLAI****5)ZHANG KE****6)HUANG TAI SHENG****7)MELONNI DAVID****8)ANAND RAJAN****9)GLENN JOSEPH****10)METCALF BRIAN**

No of Pages : 87

No of Claims : 33

(57) Abstract :

The present invention relates to compounds of Formula (I): wherein variable substituents are defined herein, that modulate the activity of or bind to chemokine receptors such as CCR5. In some embodiments, the compounds of the invention are selective for CCR5. The compounds can be used, for example, to treat diseases associated with chemokine receptor expression or activity such as inflammatory diseases, immune diseases and viral infections.



(54) Title of the invention : DEVICE AND METHOD FOR GENERATING THERMAL UNITS WITH MAGNETOCALORIC MATERIAL.

(51) International classification

:F25B21/00;
F25B21/00

(31) Priority Document No

:04/04306

(32) Priority Date

:23/04/2004

(33) Name of priority country

:France

(86) International Application No

:PCT/IB2005/001059

Filing Date

:21/04/2005

(87) International Publication No

:WO 2005/103585

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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FRANCE France

(72)Name of Inventor :

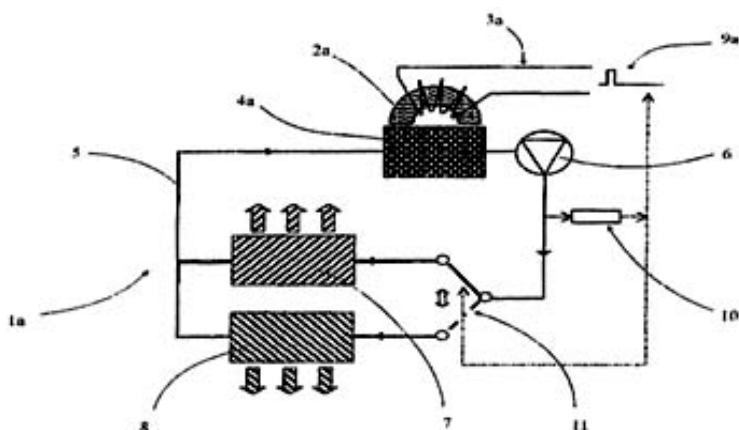
1)MULLER,CHRISTIAN**2)DUPIN,JEAN-LOUIS****3)HEITZLER,JEAN-CLAUDE**

No of Pages : 36

No of Claims : 22

(57) Abstract :

The present invention concerns a device for generating thermal units using magnetocaloric material, with low energy consumption, evolutive, of a simple design, reliable operation, which allows to generate thermal units in a cost effective way while at the same time removing the risks of thermal fluid leakage and limiting the number of mechanical parts The device (1a) for generating thermal units using magnetocaloric material comprises a magnetic element (2a) coupled to a power supply (3a), a magnetocaloric element (4a), a circuit (5) for thermal exchange fluid in which one or more thermal exchange fluids are made to circulate by means of circulation (6), and two heat exchangers (7, 8) The power supply (3 a) is set up to generate electric pulses so as to create an impulsive magnetic field that causes the heating and the cooling of the magnetocaloric element (4a) and hence of the thermal exchange fluid Application heat exchanger for cooling, heating, air-conditioning, regulation.



(54) Title of the invention : USE OF POLY (DIALKYL SILOXANE) FOR IMPROVING THE STRENGTH AND THE SURFACE OF DENTAL FILLINGS

(51) International classification	:A61K6/083; A61K6/093
(31) Priority Document No	:04075907.8
(32) Priority Date	:19/03/2004
(33) Name of priority country	:EPO
(86) International Application No	:PCT/NL2005/000212
Filing Date	: 21.03.2005
(87) International Publication No	:WO 2005/089700 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)Van Den Bosch,Willem,Frederik
2) VAN DUINEN, Raimond, Nicolaas, Bruno

No of Pages : 19

No of Claims : 26

(57) Abstract :

The present invention relates to a use of a poly(dialkylsiloxane) having terminal hydroxyl groups, wherein the alkyl groups contain 1 to 4 carbon atoms, for improving the strength and the surface of dental fillings that are based on glass ionomer cement compositions.

(54) Title of the invention : NOVEL MEDIA FILE ACCESS AND STORAGE SOLUTION FOR MULTI-WORKSTATION/MULTI-PLATFORM NON-LINEAR VIDEO EDITING SYSTEMS

(51) International classification :G06F 15/16
 (31) Priority Document No :60/554,272
 (32) Priority Date :18/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US05/008968
 Filing Date :18/03/2005
 (87) International Publication No :WO 2005/089446
 (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 :

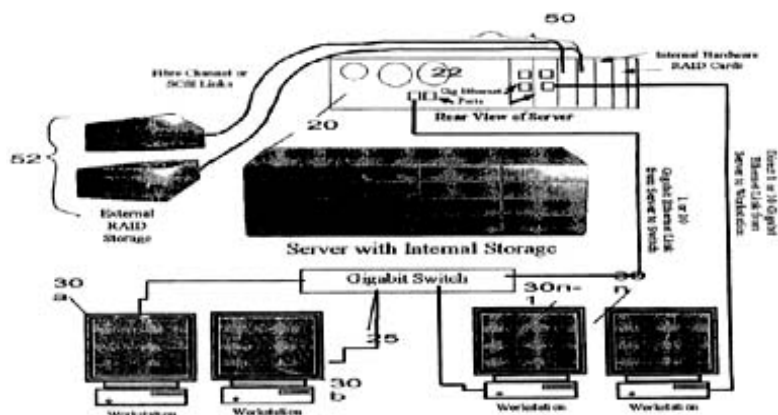
1)ANDREW PETER LIEBMAN

No of Pages : 42

No of Claims : 32

(57) Abstract :

A novel system, method and computer program product for accessing digital media files stored in a centralized media storage device via a server device in communication with the media storage device. The server is operatively coupled via a network connection with at least two independent workstations. The method steps include providing, via the server, a directory structure on the storage device for hierarchically organizing digital data files; generating in the directory structure a User Directory that corresponds to each independent user that is capable of accessing the media files, and through which an independent user can store actual digital media files; moving actual stored digital media files from a User Directory to a Shared Directory location that is separate from said User Directory where the files are not directly accessible to any independent user; creating, for each digital media file moved into the Shared Directory, a corresponding link to the actual digital media file for one or more individual independent users, and placing said links inside each said corresponding User Directory, whereby, via the links, a user is permitted indirect access to all actual digital media files that are stored in the Shared Directory on the storage device, while preventing direct access to the actual digital media files. There is additionally provided a tool for managing the centralized digital media storage system particularly enabling media and corresponding virtual files to be automatically manipulated, e.g., deleted, removed, transferred and synchronized, in response to user requests, all the while automatically retaining the file virtualization features as described.



(54) Title of the invention : METHOD OF SUPPLYING AN ELECTRICALLY CONTROLLABLE DEVICE HAVING VARIABLE OPTICAL AND/OR ENERGY PROPERTIES

(51) International classification :G02F1/163
 (31) Priority Document No :0403800
 (32) Priority Date :09/04/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR05/050218
 Filing Date :07/04/2005
 (87) International Publication No :WO 2005/103807
 (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)VALENTIN,EMMANUEL
2)MAHE,ERWAN
3)BETEILLE,FABIEN
4)FLEURY CARINNE
5)FANTON,XAVIER

No of Pages : 19

No of Claims : 22

(57) Abstract :

Method of supplying an electrically controllable system having variable optical/energy properties in transmission or in reflection, comprising at least one carrier substrate provided with a multilayer that allows migration of active species, comprising at least two active layers, which are separated by an electrolyte, said multilayer being placed between two electrodes connected respectively to current leads, namely the upper and lower current leads respectively, characterized in that, in addition to a constant first energy potential P1, P1', a time-varying second energy potential P2, P2' is applied between the current leads, said first and second energy potentials being designed to ensure switching between two states E1 and E2 having different optical/energy properties in transmission or reflection.

(54) Title of the invention : ZSM-5 ADDITIVE

(51) International classification	:B01J 29/40
(31) Priority Document No	:60/566,452
(32) Priority Date	:29/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US05/013516
Filing Date	:19/04/2005
(87) International Publication No	:WO 2005/110597
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :****1)ENGELHARD CORPORATION**

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No of Pages : 19

No of Claims : 10

(57) Abstract :

A catalyst composition suitable for reacting hydrocarbons such as in fluidized catalytic cracking (FCC) comprises an attrition-resistant particulate having at least 30% of an intermediate pore zeolite, kaolin, a phosphorous compound, and a high density unreactive component. An example of an unreactive component is alpha-alumina. The catalyst can also contain a reactive alumina of high surface area.

(54) Title of the invention : SWITCHING CONTACT ARRANGEMENT

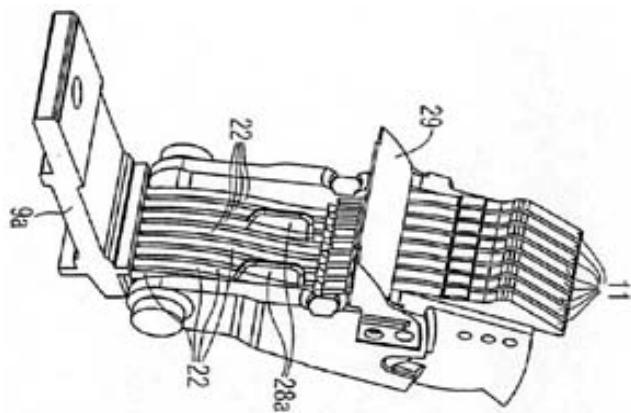
(51) International classification	:H01H	(71)Name of Applicant :
(31) Priority Document No	:10 2004 020	1)Siemens Aktiengesellschaft
(32) Priority Date	654.6	Address of Applicant :Whittelsbacherplatz 2, 80333 Munchen Germany
(33) Name of priority country	:22/04/2004	(72)Name of Inventor :
(86) International Application No	:Germany	1)Erhard Deylitz
Filing Date	:PCT/DE	2)Ludvik Godesa
(87) International Publication No	2005/000770	3)Jurgen Heydendorf
(61) Patent of Addition to Application Number	:22/04/2005	4)Ralph Hohenberger
Filing Date	:WO	5)Sezai Turkmen
(62) Divisional to Application Number	2005/104154	
Filing Date	:NA	
	:NA	
	:NA	
	:NA	

No of Pages : 9

No of Claims : 5

(57) Abstract :

The invention relates to a switch contact arrangement (8) comprising a contact support (10a), at least two switch contacts (11), and at least one spacer (28a). The switch contacts (11) are pivotally mounted on the contact support (10a) while being respectively provided with at least one associated terminal lead (21) that encompasses a flexible section (22). In order to reduce the driving forces required for the switching movements of the switch contacts (11), the at least one spacer (23a) engages between the flexible sections (22) of adjacent switch contacts (11.)



(54) Title of the invention : METHOD FOR REPRESENTING MULTICHANNEL AUDIO SIGNALS

(51) International classification :G10L19/00
 (31) Priority Document No :0400998-1
 (32) Priority Date :16/04/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/EP05/003849
 Filing Date :12/04/2005
 (87) International Publication No :WO 2005/101371
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

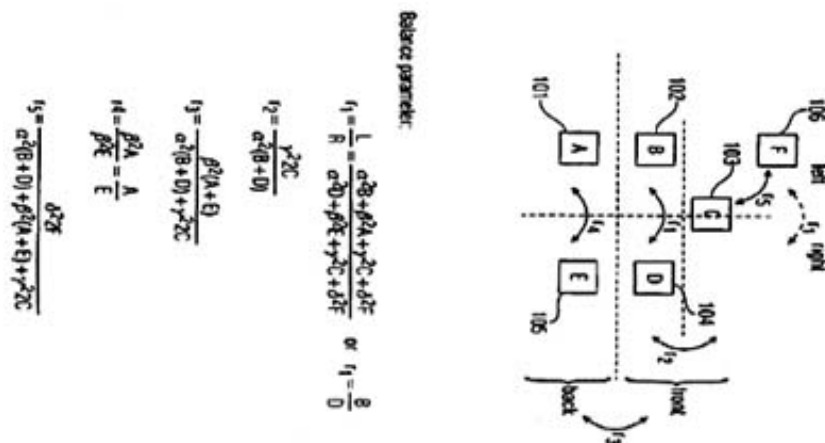
(71)Name of Applicant :
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2)LARS VILLEMÖES
3)JONAS ENGDEGARD
4)JONAS ROEDEN
5)KRISTOFER KJOERLING

No of Pages : 58

No of Claims : 27

(57) Abstract :

A multi-channel input signal having at least three original channels is represented by a parameter representation of the multi-channel signal. A first balance parameter (r1) , a first coherence parameter, or a first inter-channel time difference between a first channel pair and a second balance parameter (r2) , or a second coherence parameter, or a second inter-channel time difference parameter between a second channel pair are calculated. This set of parameters is the parameter representation of the original signals. The first channel pair (102, 104) has two channels, which are different from two channels of a second channel pair (102, 104, 103). Furthermore, each channel of the two channel pairs is one of the original channels, or a weighted combination of the original channels, and the first channel pair and the second channel pair include information on the three original channels. For multi-channel reconstruction purposes, the parameters are used in addition to down-mixing information to generate a selectable number of output channels in a scalable fashion.



(54) Title of the invention : SCHEME FOR GENERATING A PARAMETRIC REPRESENTATION FOR LOW-BIT RATE APPLICATIONS

(51) International classification :G10L19/00;
H04S3/00
(31) Priority Document No :0400997-3
(32) Priority Date :16/04/2004
(33) Name of priority country :Sweden
(86) International Application No :PCT/EP2005/003950
Filing Date :14/04/2005
(87) International Publication No :WO 2005/101905
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

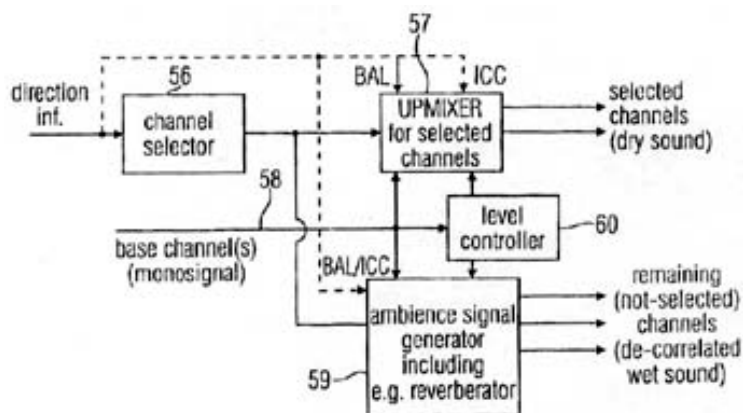
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(72)**Name of Inventor :**
1)Fredrick Henn
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No of Pages : 40

No of Claims : 32

(57) Abstract :

For generating a parametric representation of a multi-channel signal especially suitable for low-bit rate applications, only the location of the maximum of the sound energy within a replay setup is encoded and transmitted using direction parameter information. For multi-channel reconstruction (54), the energy distribution of the output channels identified by the direction parameter information is! controlled (57) by the direction parameter information, while the energy distribution in the remaining ambience channels (59) is not controlled by the direction parameter information.



(54) Title of the invention : CARRIER PLATFORM FOR ELECTRICAL COMPONENTS AND MODULE WITH THE CARRIER PLATFORM

(51) International classification :H05K 3/20
 (31) Priority Document No :102004013477.4
 (32) Priority Date :18/03/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE05/000323
 Filing Date :25/02/2005
 (87) International Publication No :WO 2005/094149
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

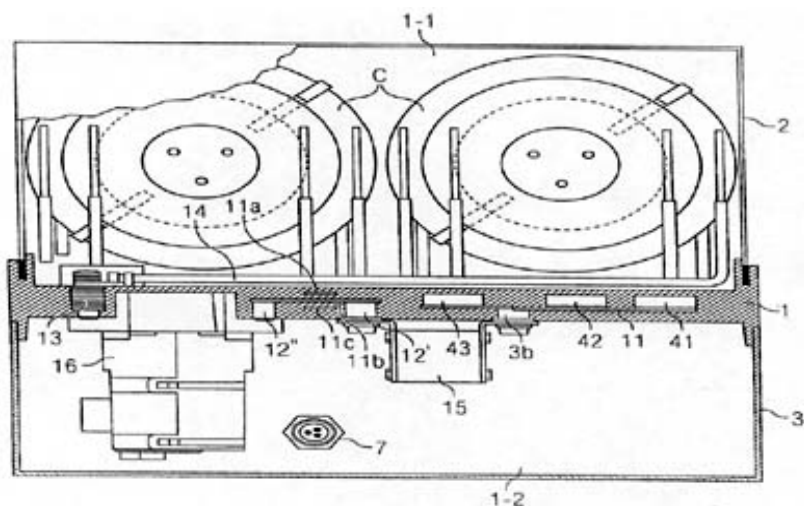
(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
1)MULLER, RUDOLF
2)VETTER, HARALD

No of Pages : 33

No of Claims : 33

(57) Abstract :

The invention relates to a carrier platform and to a module with the carrier platform, in particular, a module for connecting to power network, which fulfills the function of a phase shifter or a power mains filter. The module according to the invention distinguishes itself through a high degree of integration of various components, such as contactors, capacitors, and safety devices in a common housing, which has a carrier platform made from a fiber-composite material and at least one hood, preferably made from metal, connected rigidly to the carrier platform. Busbars (1a,2a,3a, 11a, 11b, 11c,14) with external terminals and preferably also electrical lines between the components and the busbars (1a,2a,3a, 11a,11b,11c,14) are integrated into the carrier platform.



(54) Title of the invention : VOICE OVER SHORT MESSAGE SERVICE

(51) International classification :G10L13/00
 (31) Priority Document No :60/563,754
 (32) Priority Date :20/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013478
 Filing Date :20/04/2005
 (87) International Publication No :WO 2005/104092
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

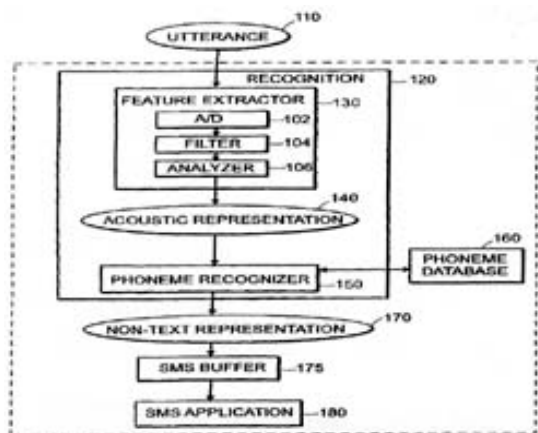
(71)**Name of Applicant :**
1)VOICE SIGNAL TECHNOLOGIES,INC.
 Address of Applicant :150,PRESIDENTIAL WAY, SUITE
 310,WOBURN,MA 01801-1011, UNITED STATES OF AMERICA U.S.A.
 (72)**Name of Inventor :**
1)ROTH,DANIEL,L.

No of Pages : 21

No of Claims : 22

(57) Abstract :

A method of sending a voice message via a mobile communication device, said method involving receiving an utterance from a user of the mobile communication device, generating a non-text representation of the received utterance, inserting the non-text representation into a body of a text message, and sending the text message over a wireless messaging channel from the mobile communication device to a recipient's device.



(54) Title of the invention : MONOMETHINE DYE COMPOUND, OPTICAL INFORMATION RECORDING MEDIUM UTILIZING THE COMPOUND AND PROCESS FOR PRODUCING THE SAME

(51) International classification :C09B 23/00
 (31) Priority Document No :2004-101442
 (32) Priority Date :30/03/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/006724
 Filing Date :30/03/2005
 (87) International Publication No :WO 2005/095521
 (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)HORIUCHI HIROAKI

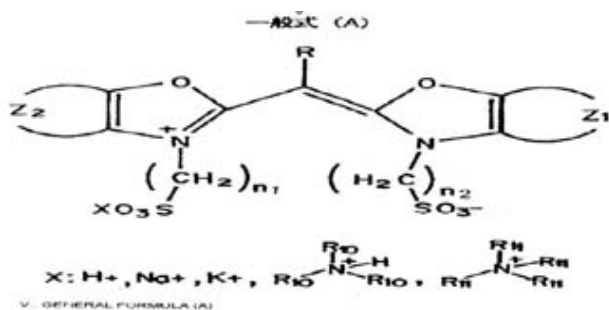
7)FUKITA MAIKO

No of Pages : 47

No of Claims : 18

(57) Abstract :

[PROBLEMS] To provide a monomethine dye compound that enables formation of a thin film with high refractive index and excellent optical properties through formation of a homogeneous thin film of dye molecule J-association complex by easy means (spin coating technique) and that has high sensitivity and excels in short mark recording capability so as to be suitable for high speed recording and high density recording, and further to provide an optical information recording medium utilizing the monomethine dye compound and a process for producing the same. [MEANS FOR SOLVING PROBLEMS] Attention has been focused on employment of a spin coating technique so that a homogeneous thin film can be easily formed through coating; on using of a dye material capable of forming a J-association complex to thereby realize excellent optical properties (high refractive index); on using of an oxocyanine dye of high solubility as the dye material so as to enable employment of a solvent free from substrate erosion; on using of a dye exhibiting a large difference between refractive index before recording and refractive index after recording, the decomposition of the dye brought about by an endothermal reaction; etc. There is provided a monomethine dye compound of Fig. 1 characterized in that it is applicable onto a substrate by a spin coating technique.



a substrate by a spin coating technique.

(54) Title of the invention : TWO-LAYERED OPTICAL RECORDABLE MEDIUM, RECORDING AND REPRODUCING METHOD THEREOF, AND OPTICAL RECORDING AND REPRODUCING APPARATUS USING THE SAME

(51) International classification

:G11B7/00;
G11B7/24

(31) Priority Document No

:2004-117716

(32) Priority Date

:13/04/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/006886

Filing Date

:07/04/2005

(87) International Publication No

:WO 2005/101394

(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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TOKYO 143-8555 Japan

(72)Name of Inventor :

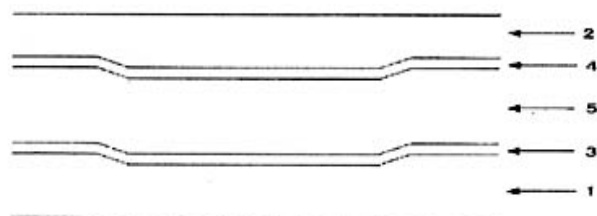
1)NAKAMURA YUKI**2)YASHIRO TOHRU****3)MIKAMI TATSUO**

No of Pages : 66

No of Claims : 18

(57) Abstract :

A 2-layer type optical recording medium of a one-sided 2-layer recording/reproducing type capable of obtaining good recording signal characteristics from two pigment-containing recording layers and a recording/reproducing method therefore, and an optical recording/reproducing device. The recording medium comprises a first substrate, a second substrate, and, between the first and second substrates, a first information layer, an intermediate layer and a second information layer, and allows a laser beam to enter from the first substrate side to at least record or reproduce information, wherein the first information layer has at least a first pigment-containing recording layer and a first reflection layer in the order mentioned from a laser beam incident side, the second information layer has at least a second pigment-containing recording layer and a second reflection layer in the order mentioned from a laser beam incident side, the first reflection layer contains either one of Au, Ag, and Cu, and an alloy containing at least one type selected from Au, Ag, Cu, Al, Ti, V, Cr, Ni, Nd, Mg, Pd, Zr, PL Ta, W, Si, Zn and [n, the light transmittance of the first information layer is 15-60%, and the light reflectance of the first information layer is 15-50%.



First information layer is 15-50%.

(54) Title of the invention : OFFSET INTERCONNECT FOR A SOLID OXIDE FUEL CELL AND METHOD OF MAKING SAME

(51) International classification :B23P19/00;
H01M2/00
(31) Priority Document No :10/822,707
(32) Priority Date :13/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/006164
Filing Date :25/02/2005
(87) International Publication No :WO 2005/104285
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

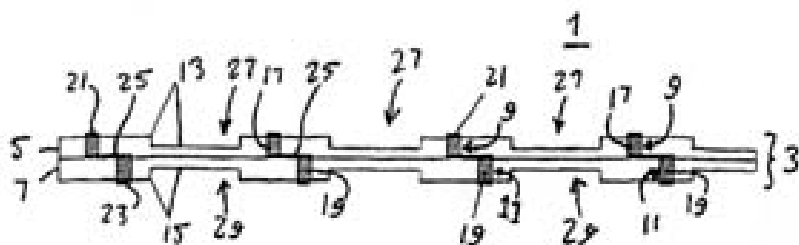
(71)Name of Applicant :
1)BLOOM ENERGY CORPORATION
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CALIFORNIA, 940891137 U.S.A.
(72)Name of Inventor :
1)NGUYEN, DIEN

No of Pages : 33

No of Claims : 36

(57) Abstract :

An interconnect for a solid oxide fuel cell includes a non-ionically and non-electrically conductive ceramic gas separator plate comprising at least two ceramic layers, a plurality of first vias extending through the first separator plate ceramic layer but not through the second separator plate ceramic layer and a plurality of second vias extending through the second separator plate ceramic layer but not through the first separator plate ceramic layer. The second vias are offset from the first vias. The interconnect also includes a plurality of electrically conductive first fillers located in the plurality of first vias and a plurality of electrically conductive second fillers located in the plurality of second vias. Each of the plurality of first fillers is electrically connected to at least one second filler.



(54) Title of the invention : FUNGICIDAL MIXTURES BASED ON OXIME ETHER DERIVATIVES

(51) International classification :A01N 43/90
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/EP2004/005281
 Filing Date :17/05/2004
 (87) International Publication No :WO 2005/112641
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

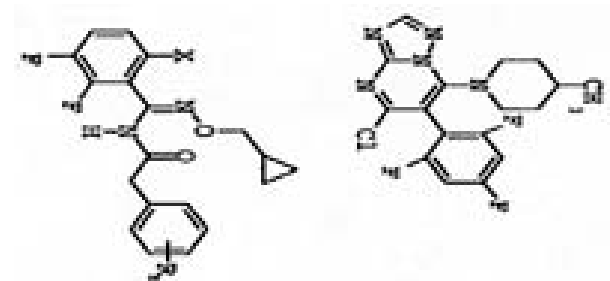
(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
1)TORMO I BLASCO JORDI
2)GROTE THOMAS
3)AMMERMAN EBERHARD
4)STIERL REINHARD
5)STRATHMANN SIEGFRIED
6)SCHOFEL ULRICH

No of Pages : 19

No of Claims : 12

(57) Abstract :

Fungicidal mixtures, comprising A) the triazolopyrimidine of the formula I and B) oxime ether derivatives of the formula II where the index and the substituents are as defined below: X is C1-haloalkyl or C1-haloalkoxy; R is halogen, alkyl, haloalkyl, alkoxy or haloalkoxy; n is 0, 1, 2 or 3; PF 54067-2 19 in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compounds I and II, compositions comprising these compounds and the use of the compounds I and II for preparing such mixtures are described.



(54) Title of the invention : MODIFIER FOR POLYESTER RESIN AND PROCESS FOR PRODUCING MOLDED ARTICLE WITH THE SAME

(51) International classification	:C08L 67/00
(31) Priority Document No	:2004-088894
(32) Priority Date	:25/03/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2004/017832
Filing Date	:01/12/2004
(87) International Publication No	:WO 2005/092982
(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)SHIGA, KENJI
2)NISHIDA, MITSUO

No of Pages : 46

No of Claims : 36

(57) Abstract :

An object of the present invention is to provide a modifier which improves moldability in melt molding, particularly, injection molding, extrusion molding, profile molding, direct blow molding, or calendar processing molding using a polyester resin and, furthermore, which can improve mechanical physical property while maintaining transparency, and a polyester molded article using the modifier. The present invention relates to a modifier for a polyester resin (I), and a reactive compound (II) containing two or more glycidyl groups and/or isocyanate groups per one molecule and having a weight average molecular weight of not less than 200 and not more than 500 thousands.

(54) Title of the invention : CERTAIN TRIAZOLE-BASED COMPOUNDS, COMPOSITIONS, AND USES THEREOF

(51) International classification	:C07D249/08; C07D249/00;
(31) Priority Document No	:60/556,795
(32) Priority Date	:26/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010083
Filing Date	:25/03/2005
(87) International Publication No	:WO 2005/097758
(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)DICKSON,JOHN,K., JR.
3)POPA-BURKE, IOANA.G
4)MENDOZA, JOSE,SERAFIN

No of Pages : 182

No of Claims : 86

(57) Abstract :

Thiotriazole-based chemical entities exhibiting ATP-utilizing enzyme inhibitory activity, methods of using such chemical entities, and compositions comprising such chemical entities, are described.`

(54) Title of the invention : BIOLOGICAL INDICATOR

(51) International classification :C12N1/12;
C12N1/12;
(31) Priority Document No :0406427.5
(32) Priority Date :22/03/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/001056
Filing Date :22/03/2005
(87) International Publication No :WO 2005/093085
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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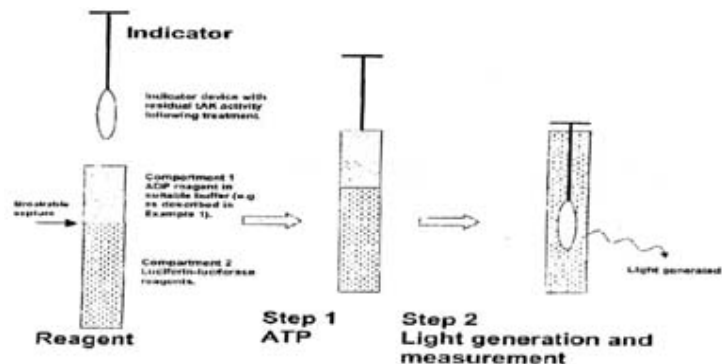
(72)**Name of Inventor :**
1)SUTTON, J., MARK
2)RAVEN, NEIL, DAVID, HAMMOND

No of Pages : 130

No of Claims : 83

(57) Abstract :

A kinase is used in a biological indicator for validation of treatment processes designed to reduce the amount or activity of a biological agent in a sample. The indication can be used for validation of sterilisation treatment. The formation of ATP from a substrate comprising ADP is measured via the luciferin/luciferase system in a luminameter. Thermostable adenylate kinase from *Sulfolobus acidocaldarius* is especially suitable for the validation of procedures to inactivate transmissible spongiform encephalopathy agents.



(54) Title of the invention : FUNGICIDAL MIXTURES

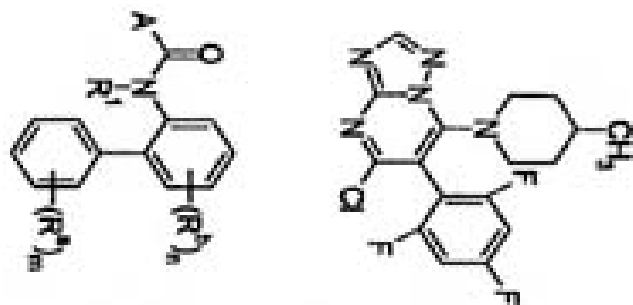
(51) International classification	:A01N 43/90	(71)Name of Applicant :
(31) Priority Document No	:10 2004 024 203.8	1)BASF AKTIENGESellschaft
(32) Priority Date	:13/05/2004	Address of Applicant :67056 LUDWIGSHAFEN Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP2005/005069	1)TORMO I BLASCO JORDI
Filing Date	:11/05/2005	2)GROTE THOMAS
(87) International Publication No	:WO 2005/110089	3)SCHERER MARIA
(61) Patent of Addition to Application Number	:NA	4)STIERL REINHARD
Filing Date	:NA	5)STRATHMANN SIEGFRIED
(62) Divisional to Application Number	:NA	6)SCHOFEL ULRICH
Filing Date	:NA	7)GEWEHR MARKUS

No of Pages : 22

No of Claims : 13

(57) Abstract :

Fungicidal mixtures, comprising, as active components, 1) the triazolopyrimidine derivative of the formula I and 2) at least one biphenylamide of the formula II in which the variables are as defined below: A is oxathiinyl or 5-membered heteroaryl which contains one to four nitrogen atoms or one to three nitrogen atoms and/or one sulfur or oxygen atom, where A may be substituted according to the description; R1 is hydrogen, alkyl, alkylcarbonyl or a group A which is attached via carbonyl; Ra,Rb are halogen, cyano, alkyl, haloalkyl, alkoxy, haloalkoxy, haloalkylthio, alkoxy, haloalkoxy, alkylthio, alkylcarbonyl, formyl, alkylene or alkenylene which links two adjacent carbon atoms; m is 0, 1, 2, 3, 4 or 5; n is 0, 1 or 2; in a synergistically effective amount, methods for controlling harmful fungi using mixtures of the compound I with compound II and the use of the compound I with compounds II for preparing such mixtures, and also compositions comprising these mixtures.



(54) Title of the invention : COMPOSITIONS AND METHODS FOR ALLEVIATING INFLAMMATION AND OXIDATIVE STRESS IN A MAMMAL

(51) International classification :A61K35/78
 (31) Priority Document No :60/555,802
 (32) Priority Date :23/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/009783
 Filing Date :23/03/2005
 (87) International Publication No :WO 2005/094862
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

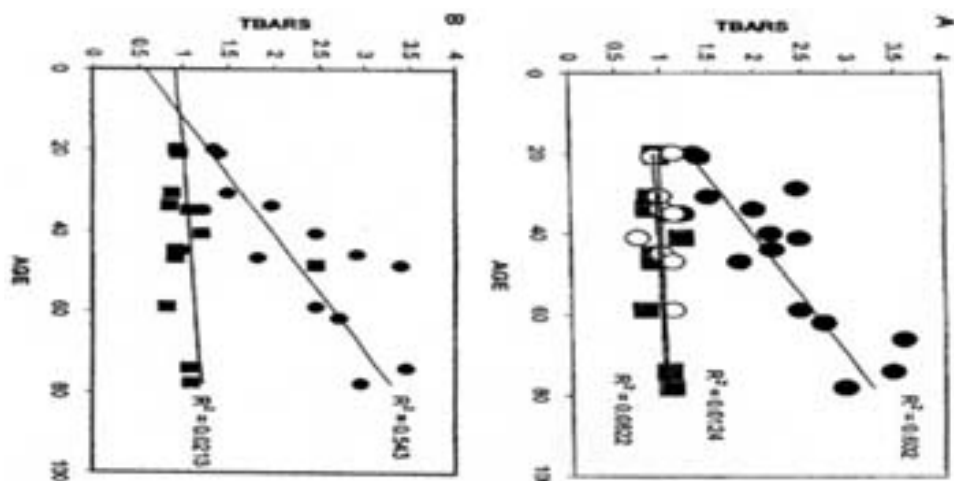
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 (72)**Name of Inventor :**
1)MYHILL, PAUL
2)DRISCOLL WILLIAM, J.

No of Pages : 118

No of Claims : 102

(57) Abstract :

An antioxidant-promoting composition that increase antioxidant defense potential in a subject is disclosed comprising Bacopa monniera extract; milk thistle extract; ashwagandha powder, green tea extract, Gotu cola powder, Ginkgo biloba leaf extract; Aloe vera powder; turmeric extract; and N-acetyl cysteine. The antioxidant-promoting composition of the invention safely induces cellular antioxidant potential to achieve an overall net decrease in oxidative stress without the undesirable side-effects associated with the individual components of the antioxidant-promoting composition. Also disclosed is a method for reducing the undesirable side-effects of free radicals in a subject by administering to a subject in need of such antioxidants an effective amount of antioxidant-promoting composition of the invention.



(54) Title of the invention : FOLLICLE STIMULATING HORMONE SUPERAGONISTS

(51) International classification	:C12N15/16; A61D19/00	(71) Name of Applicant : 1)TROPHOGEN, INC. Address of Applicant :6 TAFT COURT, SUITE 150, ROCKVILLE, MID 20850 U.S.A.
(31) Priority Document No	:60/554,419	
(32) Priority Date	:19/03/2004	
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US05/008960	1)SZKUDLINSKI MARIUSZ W
Filing Date	:18/03/2005	2)WEINTRAUB BRUCE D
(87) International Publication No	:WO 2005/089445	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 113

No of Claims : 66

(57) Abstract :

This invention provides super active analogs of FSH demonstrating enhanced bioactivity both in vitro and in vivo as compared to wild type FSH. In particular, the analogs of the invention demonstrate at least a ten fold increase in potency or at least a ten percent increase in maximal efficacy as compared to wild type protein. The analogs are particularly useful for treating subjects showing low FSH receptor expression or poor FSH receptor responsiveness, and for the treatment of any condition associated with glycoprotein hormone activity.

(54) Title of the invention : SYSTEM AND METHOD FOR CREATING GRAPHICS ON GLASS SURFACES

(51) International classification	:B05D1/32; B05D5/00	(71) Name of Applicant : 1)ZAX, Adam
(31) Priority Document No	:60/577,141	Address of Applicant :34523 Calla Naranja, Capistrano Beach,CA 92675,
(32) Priority Date	:04/06/2004	United States of America U.S.A.
(33) Name of priority country	:U.S.A.	2)CHRIST, Carl, C.
(86) International Application No	:PCT/US2005/019716	(72) Name of Inventor :
Filing Date	:02/06/2005	1)ZAX, Adam
(87) International Publication No	:WO 2005/118161	2)CHRIST, Carl,C.
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 24

No of Claims : 21

(57) Abstract :

A glass or other silica containing surface is masked or stenciled off randomly or in a specific pattern or design and treated with a liquid or vapor chemical composition that randomly or by specific pattern fills in the microscopic valleys and pits found in all types of glass and silica containing surfaces, imbedding that random or specific pattern (image) into or onto the substrate. As the glass or other silica containing surface is moved from a cooler ambient to a warmer ambient, condensation preferentially forms on untreated areas of the glass or other silica containing surface, leaving the treated portions substantially clear and depicting the pattern or design as a contrast difference.

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

(51) International classification :C12Q 1/68
 (31) Priority Document No :60/564,758
 (32) Priority Date :23/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/014343
 Filing Date :22/04/2005
 (87) International Publication No :WO 2005/106044
 (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)COLE HARRIS
2)Lisa Davis

No of Pages : 62

No of Claims : 27

(57) Abstract :

The present invention provides novel compositions and their use in classifying breast tumors. The present invention provides novel compositions and their use in classifying breast tumors. In a first aspect, the present invention provides compositions comprising or consisting of a breast cancer biomarker, wherein the breast cancer biomarker comprises or consists of between 2 and 35 different probe sets, wherein at least 40% of the different probe sets comprise or consist of one or more isolated polynucleotides that selectively hybridize to a genomic region selected from the group consisting of 3p23, 8q21.13, 8q22.1, 8q22.2, 8q24.11, 10q22.3, 16q24.3, 17q11.2, 17q12, 17q21.1, 17q22.2, 17q25.3, 19q13.12, and 20q13.2; wherein the different probe sets in total selectively hybridize to at least two of the recited genomic regions.

(54) Title of the invention : A METHOD FOR TEACHING A LANGUAGE

(51) International classification

:G09B5/04;

G09B19/04

(31) Priority Document No

:2004901482

(32) Priority Date

:19/03/2004

(33) Name of priority country

:Australia

(86) International Application No

:PCT/AU2005/000377

Filing Date

:18/03/2005

(87) International Publication No

:WO 2005/091252

(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)PAECH, Robert, James**2)PAECH, Joshua, Randolf**

No of Pages : 38

No of Claims : 23

(57) Abstract :

A method of encoding words for language teaching comprising the steps of identifying a plurality of different vowel sounds, representing each different vowel sound by a first indicia and a second indicia, storing the different first and second indicias for each vowel sound, identifying a plurality of different consonant sounds, representing each consonant sound by a third indicia and a selection of consonant sounds by a (Insert B) fourth indicia, storing the third and fourth indicia for each consonant sound, identifying a plurality of different silent letters occurring in words, representing each silent letter by a fifth indicia and storing the fifth indicias for each silent letter whereby a word is represented by a combination of the first to fifth indicias.



(54) Title of the invention : FIXING FOR A RAIL AND ARRANGEMENT FOR FIXING RAILS

(51) International classification	:E01B9/30
(31) Priority Document No	:10 2004 021 091.8
(32) Priority Date	:29/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/004565
Filing Date	:28/04/2005
(87) International Publication No	:WO 2005/106124
(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)VAE GmbH**3)Pandrol Limited****4)VAE Eisenbahnsysteme GmbH**

(72)Name of Inventor :

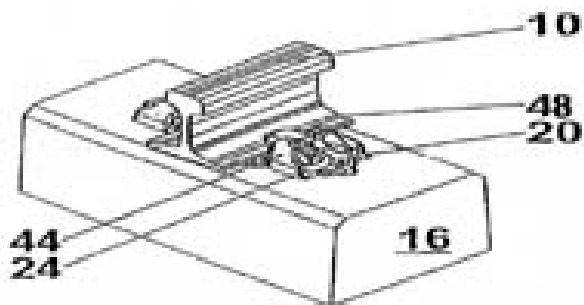
1)Hubertus HOHNE**2)Hans-Ulrich DIETZE,****3)Heinz OSSBERGER****4)Josef LEITNER****5)John PORRILL****6)David R.SEELEY**

No of Pages : 27

No of Claims : 22

(57) Abstract :

Fastening for a rail and arrangement for fastening of rails The invention relates to a fastening for a rail for securing a rail (10) whose foot is resting on a concrete sleeper (16), comprising at least one elastic clip (20) having several legs of which at least one leg extends inside a shoulder (42, 44) or channel of a holder (24) that is connected to the concrete sleeper, and at least one further leg rests on the rail foot. For securing a rail to the necessary extent with simple design means and in space-saving form, it is suggested that the holder (24, 26) is arranged detachably in the concrete sleeper (16) or in a plate element resting thereon and is connected to the concrete sleeper by a bolt element.



(54) Title of the invention : TOOL FOR CRUSHING COKE

(51) International classification

:B08B9/093;
C10B33/00

(31) Priority Document No

:10 2004 020 013.0

(32) Priority Date

:21/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP05/003727

Filing Date

:08/04/2005

(87) International Publication No

:WO 2005/105953

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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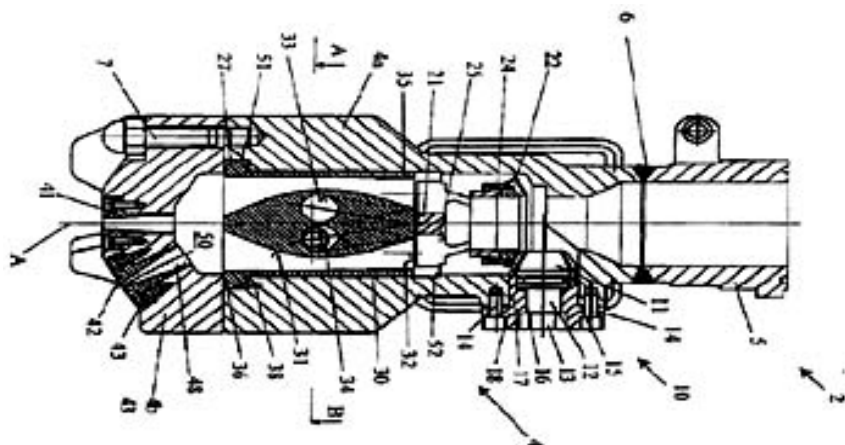
1)PAUL,Wolfgang**2)BARCIKOWSKI,Maciej****3)HEIDEMANN,dirk****4)OZIMEK,Mathias**

No of Pages : 19

No of Claims : 14

(57) Abstract :

The invention relates to a tool comminuting coke comprising a housing which, during operation, is fastened to a boring rod. At least one cutting nozzle for cutting, a boring nozzle for boring coke, and at least one valve for controlling a direction of flow of the water flowing through the boring rod and the housing, through the cutting nozzle and the boring nozzle are arranged on or inside said housing. In order to provide a tool for comminuting coke that has a simple design and can be reliably used and maintained, the invention provides that at least two flow channels are made inside the housing that each extend between individual inflow openings, which are assigned to the respective flow channel, and the cutting nozzle and the boring nozzle. The valve for closing and opening then inflow openings is placed in the area of the inflow openings.



(54) Title of the invention : CATALYTIC REMOVAL OF DISSOLVED OXYGEN FROM ORGANIC LIQUIDS

(51) International classification	:C02F 1/70
(31) Priority Document No	:10 2004 017 983.2
(32) Priority Date	:14/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/002921
Filing Date	:18/03/2005
(87) International Publication No	:WO 2005/100263
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)DEGUSSA AG Address of Applicant :Bennigsenplatz I 40474 Dusseldorf Germany Germany
(72) Name of Inventor : 1)Dr.Hubert Redlingshofer 2)Andreas Dorflein 3)Dr.Christoph Weckbecker

No of Pages : 14

No of Claims : 15

(57) Abstract :

The present invention relates to a method for removal of dissolved oxygen from organic liquids by use of a solid state catalyst. In doing so the dissolved oxygen is converted by the action of a reducing agent to water.

(54) Title of the invention : IRON-CHROMIUM-ALUMINIUM-ALLOY

(51) International classification	:C22C38/18
(31) Priority Document No	:102004020900.6
(32) Priority Date	:28/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/DE2005/000748
Filing Date	:23/04/2005
(87) International Publication No	:WO 2005/106061
(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)Fattendorf, Heike
2)Kolb-Telieps, Angelika

No of Pages : 19

No of Claims : 18

(57) Abstract :

An iron chromium aluminium alloy having a long service life even when being exposed to a quick cyclic thermal stress in the direct current passage and comprising (in % by mass) 4 to 8% aluminium and 16 to 24% chromium and additions of 0.05 to 1% Si, max. 0.5% Mn, 0.02 to 0.2% yttrium and 0.1 to 0.3% Zr and/or 0.02 to 0.2% Hf, 0.003 to 0.02% carbon, max. 0.01% Mg, max. 0.01% Ca, max. 0.04% nitrogen, max. 0.04% phosphorous, max. 0.01% sulphur, max. 0.5% copper and respectively max. 0.1% molybdenum and/or tungsten and the usual impurities resulting from the melting process, the rest being iron.

(54) Title of the invention: DEVICE AND METHODS FOR DRAWING AT LEAST ONE MATERIAL WEB OR AT LEAST ONE WEB STRAND INTO A FOLDING APPARATUS

(51) International classification	:B41F13/03	(71)Name of Applicant :
(31) Priority Document No	:102004015479.1	1)KOENIG & BAUER AKTIENGESSELLSCHAFT
(32) Priority Date	:26/03/2004	Address of Applicant :Friedrich-Koenig-Str. 4, 97080 Wurzburg Germany
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP05/051207	1)BECK, PETER, FRANZ
Filing Date	:16/03/2005	2)HARTMANN, MANFRED, WOLFGANG
(87) International Publication No	:WO 2005/092614	3)METZ, MATHIAS, ALEXANDER
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 30

No of Claims : 54

(57) Abstract :

The invention pertains to a device for drawing in at least one material web and/or at least one strand having several material webs into a folding apparatus with a superstructure, at least one folding aligner, one crosscutting device for separating the material web transported in the superstructure and folded on the folding aligner into individual products and at least one guide rail, along which a holding part is guided in a shift-able along a path of this material web through the superstructure; a leading end of at least one material web can be fixed to the holding part. At least one guide rail is guided along the folding aligner.

(54) Title of the invention: RARE EARTH-BASED SCINTILLATOR MATERIAL WITH REDUCED NUCLEAR BACKGROUND NOISE

(51) International classification	:G01T 1/202
(31) Priority Document No	:0403897
(32) Priority Date	:14/04/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/050231
Filing Date	:12/04/2004
(87) International Publication No	:WO 2005/103760
(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)ILTIS,ALAIN

No of Pages : 14

No of Claims : 16

(57) Abstract :

The invention relates to an inorganic scintillator material of formula $AnLn_pX(3P+n)$ in which Ln represents one or more rare earths, X represents one or more halogen atoms, chosen from F, Cl, Br or I, and A represents one or more alkali metals, such as K, Li, Na, Rb or Cs, n and p representing values such that n, which may be zero, is less than or equal to 2p, and that p is greater than or equal to 1, its content of daughter elements of uranium and thorium being low enough for the activity resulting from the alpha radiation from these elements to be less than 0.7 Bq/cc. This material has a very low nuclear background noise and is particularly suitable as a detector scintillator for coating weight or thickness measurements, in the fields of nuclear medicine, physics, chemistry and oil exploration, and for the detection of dangerous or illicit materials.

(54) Title of the invention: METHOD FOR PRODUCTION OF A YARN BY THE ASSEMBLY OF SEVERAL STAPLE YARNS SUBJECTED TO A PRIOR TRANSFORMATION AND DEVICE FOR CARRYING OUT THE SAME

(51) International classification :D02G 3/28
 (31) Priority Document No :0450776
 (32) Priority Date :23/04/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/050173
 Filing Date :18/03/2005
 (87) International Publication No :WO 2005/105639
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

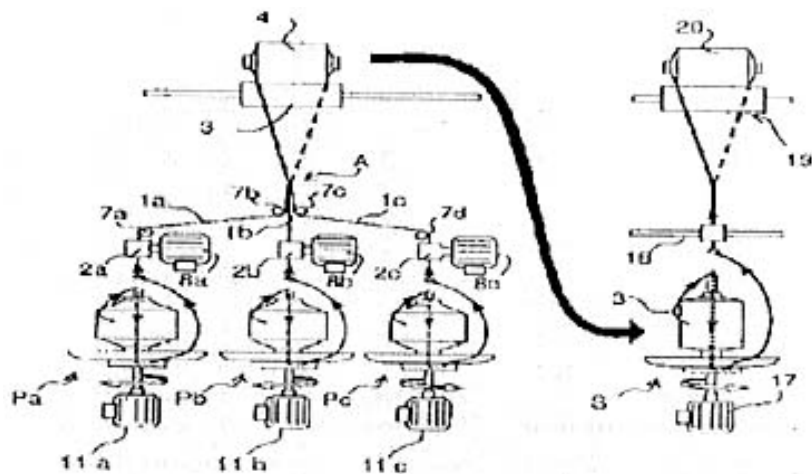
(71)Name of Applicant :
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 (72)Name of Inventor :
1)VEGA CHRISTOPHE

No of Pages : 35

No of Claims : 21

(57) Abstract :

The invention relates to a method for production of a yarn, by plying, twisting or covering several staple yarns (1a, 1b, 1c), subjected to a prior transformation (Pa, Pb, Pc), whereby at least one of the staple yarns (1a, 1b, 1c) is different from the others and/or is subjected to a different prior transformation (Pa, Pb, Pc) to the others, the prior transformation (Pa, Pb, Pc) may be carried out in parallel in the same machine, comprising adjacent independent transformation means (1 1a, 1 1b, 1 1c), provided with control means (16a, 16b, 16c), and able to be independently controlled, an adjustment of the tension of each yarn (1a, 1b, 1c), in particular, a slackening of the tension resulting from the first transformation to give the tension at an assembly point (A), is carried out on the yarn feeding devices (2a, 2b, 2c), the routing of the yarns (1 a, 1 b, 1 c) is achieved by means of guide means (7a, 7b, 7c) towards the point of assembly (A), whereby said yarns are combined and arranged in parallel, a bobbin(4) receives said yarns thus assembled in a device(3), comprising the above, or associated therewith, a positive feed device, in other words, operating without slippage with relation to the yarn, which may control the speed of progress of the assembled yarn, the yarn bobbin(4) thus formed being placed on a spindle(17) of a twisting machine for a second double plying twisting, or covering process(S) in which the yarns (1a, 1b, 1c) are assembled with each other by plying the assembled yarns on themselves, by means of winding the assembled yarns around another yarn, or by winding another yarn around the assembled yarns.



(54) Title of the invention: METHOD AND DEVICE FOR THE CONTROL OF A CRUSHER

(51) International classification :B02C2/04
 (31) Priority Document No :0400770-4
 (32) Priority Date :25/03/2004
 (33) Name of priority country :Sweden
 (86) International Application No :PCT/SE2005/000430
 Filing Date :22/03/2005
 (87) International Publication No :WO 2005/092507
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

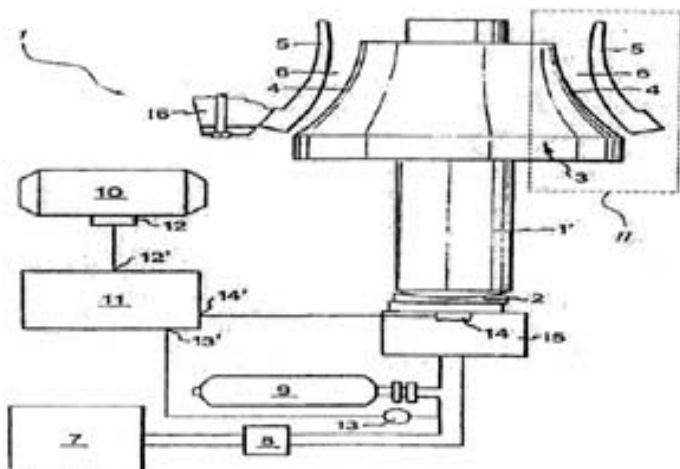
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 (72)**Name of Inventor :**
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2)NILSSON, Kent
3)BERN, Richard
4)GOTHENQVIST, Per
5)NILSSON, Anders

No of Pages : 30

No of Claims : 12

(57) Abstract :

The present invention relates to a method to control a crusher, a crusher and a control system for the control of a crusher. The crusher (1) comprises a replaceable first crushing member (4) having a first crusher surface and a replaceable second crushing member (5) having a second crusher surface. The co-operation of the crusher surfaces is defined by at least one crusher setting parameter. From measurements of a quality parameter, which relates to the nature of the crushed material, on at least two different occasions during the service life of a set of replaceable first and second crushing members (4, 5) and on each occasion for at least two different settings of the crusher setting parameter, a control function can be determined that describes a value, of said at least one crusher setting parameter, which on a given occasion gives a crushed material the quality parameter of which is substantially optimal. The control function is utilized for the adjustment of the crusher setting parameter for a subsequent set of replaceable first and second crushing members (4, 5) in such a way that on a given occasion for the subsequent set of replaceable crushing members (4, 5), a crushed material is also given the quality parameter of which being substantially optimal.



(54) Title of the invention: CHOLESTEROL-PRODUCING YEAST STRAINS AND USES THEREOF

(51) International classification :A61K51/04

(31) Priority Document No :0404890

(32) Priority Date :06/05/2004

(33) Name of priority country :France

(86) International Application No :PCT/FR2005/001090

Filing Date :02/05/2005

(87) International Publication No :WO 2005/121315

(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)POMPON DENIS****2)DUMAS BRUNO****3)SPAGNOLI ROBERTO**

No of Pages : 77

No of Claims : 22

(57) Abstract :

The invention concerns the production of cholesterol in organisms of the Fungi kingdom. More particularly, the invention concerns genetically modified Fungus independently producing cholesterol from a simple carbon source. The invention also concerns the use of the inventive Fungus for producing non-marked and marked cholesterol.

(54) Title of the invention: A WATER TREATMENT SYSTEM

(51) International classification	:C02F1/32	(71) Name of Applicant :
(31) Priority Document No	:10/869,515	1)ACCESS BUSINESS GROUP INTERNATIONAL LLC
(32) Priority Date	:16/06/2004	Address of Applicant :7575 FULTON STREET EAST,ADA,MI 49355
(33) Name of priority country	:U.S.A.	UNITED STATES OF AMERICA U.S.A.
(86) International Application No	:PCT/IB2005/051584	(72) Name of Inventor :
Filing Date	:16/05/2005	1) BAARMAN,DAVID, W.
(87) International Publication No	:WO 2005/123601	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 38

(57) Abstract :

A water treatment system has a battery rechargeable by a manual generator, thus eliminating the need for an external power source. The water treatment system uses the rechargeable battery to power a pump and a UV lamp. After the water passes through a filter, the UV lamp treats the water being pumped through the apparatus. The system optionally includes a flashlight, also powered by the rechargeable battery.

(54) Title of the invention: LOAD BEARING CONSTRUCTION ELEMENT IN PARTICULAR FOR MANUFACTURING BUILDING FLOORS AND FLOOR STRUCTURE INCORPORATING SUCH ELEMENT

(51) International classification

:E04B5/19;
E04B5/38

(31) Priority Document No

:MI2004A000941

(32) Priority Date

:11/05/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB2005/001364

Filing Date

:10/05/2005

(87) International Publication No

:WO 2005/108700

(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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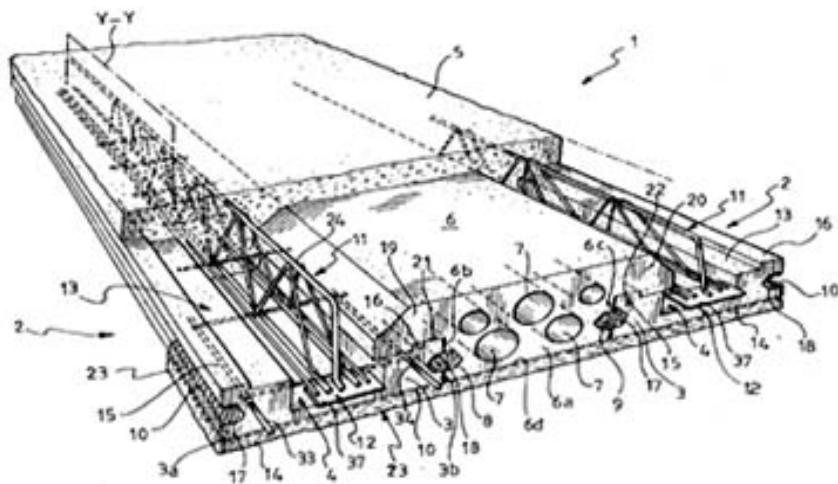
1)CRETI, PIERO

No of Pages : 54

No of Claims : 45

(57) Abstract :

A composite construction element (2) particularly useful for manufacturing building floors, comprises: a) an elongated body (3) made of expanded plastic material, provided with at least one longitudinal channel (4) open on the upper side for receiving a concrete casting (5); b) a reinforcement metal structure (11) of the casting (5), housed in the longitudinal channel (4), associated to the elongated body (3) and having opposite free ends (12) protruding from longitudinally opposite parts of the elongated body (3) for a portion of predetermined length. Advantageously, the composite construction element (2) possesses optimum load bearing characteristics, lightness and flexibility of use.



(54) Title of the invention: DEVICE FOR THE ANALYSIS OR ABSORPTION MEASUREMENT OF A SMALL QUANTITY OF A LIQUID MEDIUM BY MEANS OF LIGHT

(51) International classification :G01N 21/03
 (31) Priority Document No :10 2004 023 178.8
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/004083
 Filing Date :18/04/2005
 (87) International Publication No :WO 2005/114146
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

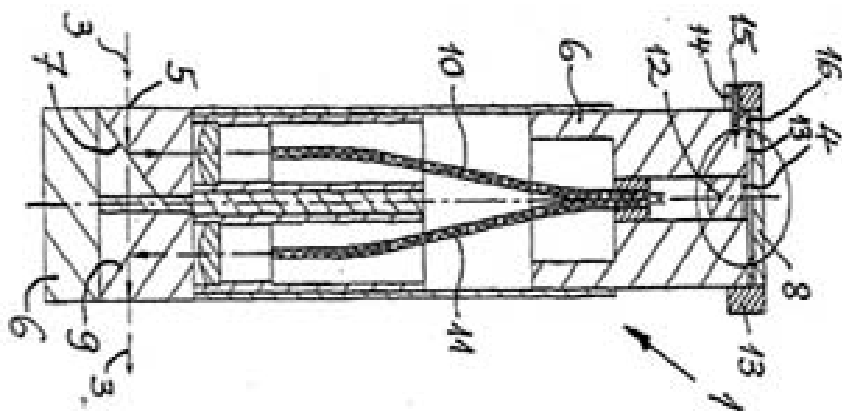
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1)SAHIRI, THOMAS
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No of Pages : 26

No of Claims : 15

(57) Abstract :

A device (1) having integrated beam switching systems is provided which uses corresponding devices (7 and 9) and fiber optic light guides (10 and 11) for guiding the light (3) used for analysis of a liquid medium (2), for example in a spectrophotometer, a spectrofluorimeter or a similar measuring device, to a measuring point located on the device (1) and embodied as a receiving surface (4) for the medium, and back therefrom to the detector for the spectrophotometer, a spectrofluorimeter or the like. The receiving surface (4) forms a flat measuring point on the upper side of the device (1) and is closed by a cover-type detachable reflector (8) in the position of use. The reflector is in close contact with the sample of the medium (2) and can be removed before the application of the sample and for cleaning the measuring point.



(54) Title of the invention: MULTI-OUTLET MEDICAL DISPENSING DEVICE

(51) International classification :A61M5/28;
A61M39/26
(31) Priority Document No :60/565,855
(32) Priority Date :28/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/014953
Filing Date :28/04/2005
(87) International Publication No :WO 2005/105185
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)**Name of Applicant :**
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6)WORONA,TARAS
7)CHEN,HAO
8)KANBERGS,DAVIS,A.,R.
9)CHANCELLOR-MADDISSON,KATHLEEN
10)ZHAO,ROY
11)LIM,BERNARD,C.B.

No of Pages : 22

No of Claims : 33

(57) Abstract:

A medical delivery device comprising an elongate body having a plunger slidably and sealingly engaged to form a cavity to receive fluid materials and a first outlet disposed at an end of said body and has a male luer end portion and a valve assembly is disposed within the first outlet. The valve assembly has a valve means movable between an open position and a closed position and biasing means for biasing the valve means to a closed position. Actuating means are disposed within the male luer end portion and coupled to the valve means such that the valve means is movable to an open position when a female luer end portion of a medical accessory is coupled with the male luer end portion. A second outlet is disposed at the same end as the first outlet for controlling the exchange of gases from the environment to said cavity under the action of the plunger. Lastly, a third outlet is disposed at the same end as the first outlet for controlling the exchange of gases from the cavity to the environment under the action of the plunger.



(54) Title of the invention: "IMPLANTED COUNTED DOPANT IONS"

(51) International classification :H01L 21/265
 (31) Priority Document No :2004902661
 (32) Priority Date :18/05/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000706
 Filing Date :18/05/2005
 (87) International Publication No :WO 2005/112087
 (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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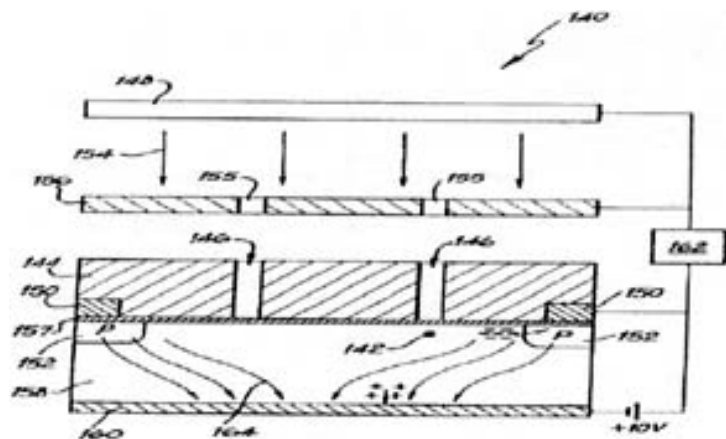
1)ANDRESEN,SOREN**2)DZURAK,ANDREW STEVEN****3)GUAJA,ERIC****4)HEARNE,SEAN****5)HOPF,TOBY FELIX****6)JAMIESON, DAVID NORMAN****7)MITIC,MLADEN****8)PRAWER,STEVEN****9)YANG,CHANGYI**

No of Pages : 46

No of Claims : 35

(57) Abstract :

This invention concerns semiconductor devices of the general type comprising a counted number of dopant atoms (142) implanted in regions of a substrate (158) that are substantially intrinsic semiconductor. One or more doped surface regions (152) of the substrate (158) are metallised to form electrodes (150) and a counted number of dopant ions (142) are implanted in a region of the substantially intrinsic semiconductor.



(54) Title of the invention: IMPROVED WATER CONDITIONER

(51) International classification :C02F 1/48
 (31) Priority Document No :2004902083
 (32) Priority Date :19/04/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000549
 Filing Date :18/04/2005
 (87) International Publication No :WO 2005/100260
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

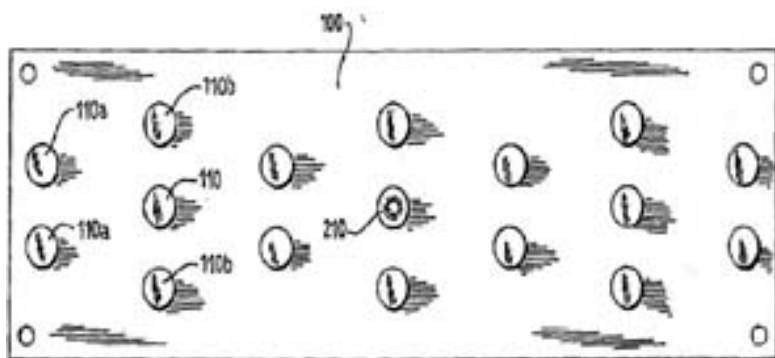
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 (72)**Name of Inventor :**
1)UDEN ROBERT

No of Pages : 16

No of Claims : 12

(57) Abstract:

A water conditioner having a plate (100) adapted to be located diametrically across a pipe (200) and a number of posts (110) in lines on or generally parallel to the longitudinal axis of the plate (100) and extending from either side thereof, to be close to the periphery of a pipe (200) within which the device is located. There may also be a number of ribs extending from either side of the plate (100) and adjacent the posts (110) to provide a number of discreet paths through the conditioner.



(54) Title of the invention: SMART CARD CONNECTOR, ESPECIALLY COMPRISING A SHIELDING DEVICE

(51) International classification

:G06K7/00;
H04B1/38

(31) Priority Document No

:10 2004 015 279.9

(32) Priority Date

:29/03/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/003120

Filing Date

:23/03/2005

(87) International Publication No

:WO 2005/093636

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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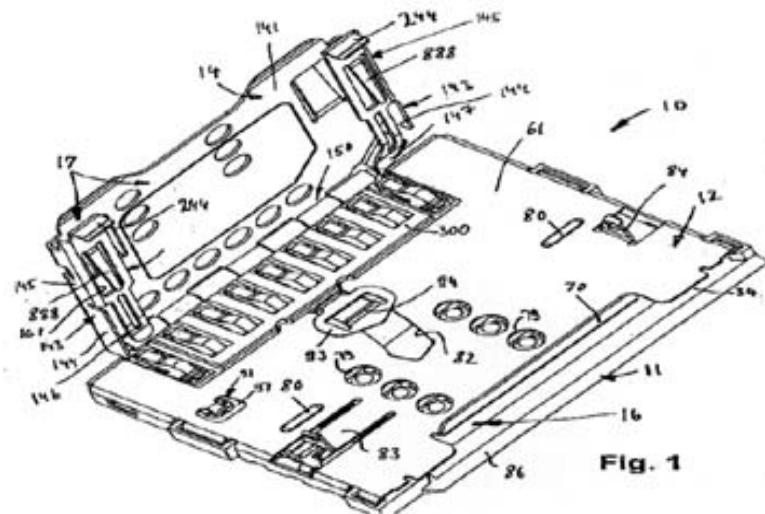
1)SCHNELL THOMAS**2)LOMBARDI FABIO**

No of Pages: 28

No of Claims: 43

(57) Abstract:

The invention relates to a smart card connector (10) for two smart cards, especially a SIM card and an MMC card, said connector comprising a, preferably single, contact carrier (11) having an upper side and a lower side, and containing a first set of contact elements for contacting the contact zone of a first card, and a second set of contact elements for contacting the contact zone of a second card. The inventive connector comprises a first card receiving region (16) for the first card on the upper side of the contact carrier, and a cover (14) which has an inner side and an outer side and is pivotably applied in relation to the contact carrier, the inside of said cover being provided with a second card receiving region (17) for the second card.



(54) Title of the invention: PROCESSES FOR PREPARING SUBSTITUTED N-ARYL-N- [3-(1H-PYRAZOL-5-YL) PHENYL] UREAS AND INTERMEDIATES THEREOF

(51) International classification	:C07D 231/16
(31) Priority Document No	:60/555,626
(32) Priority Date	:23/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/023880
Filing Date	:23/07/2004
(87) International Publication No	:WO 2005/103011
(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 :

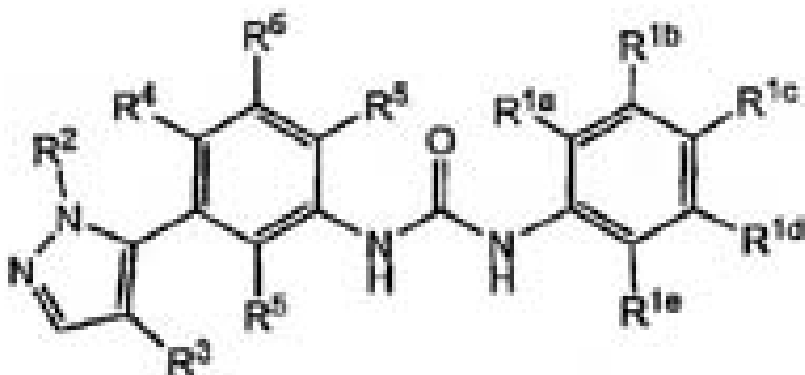
1)FRITCH JOHN ROBERT**2)CARLETON FIONA M****3)LALLY EDWARD A****4)LI HONGMEI****5)TEEGARDEN BRADLEY**

No of Pages: 78

No of Claims: 159

(57) Abstract:

The present invention is directed to processes for the preparation of substituted phenylpyrazole ureas of Formula (I) that are useful as 5-HT_{2A} serotonin receptor modulators for the treatment of disease.



(54) Title of the invention: OPTICAL RECORDING MEDIUM

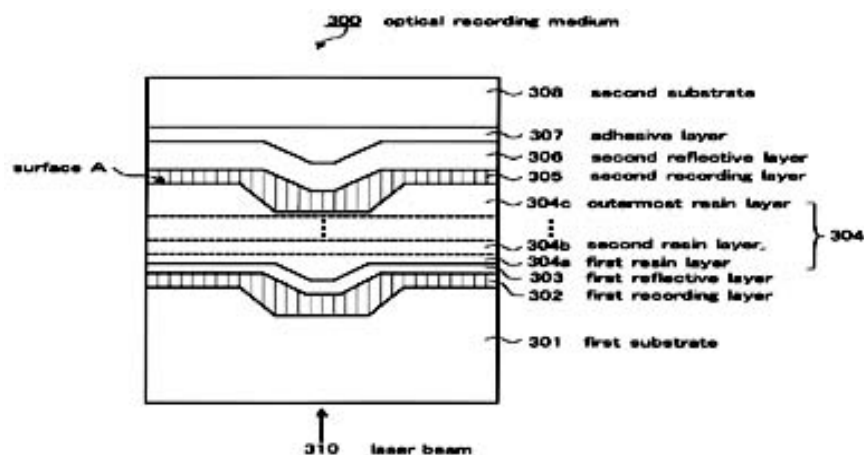
(51) International classification	:G11B7/24	(71)Name of Applicant :
(31) Priority Document No	:2004-127149	1)MITSUBISHI KAGAKU MEDIA CO., LTD.
(32) Priority Date	:22/04/2004	Address of Applicant :31-19, SHIBA 5-CHOME MINATO-KU TOKYO
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP2005/007648	(72)Name of Inventor :
Filing Date	:21/04/2005	1)AGA MASAFUMI
(87) International Publication No	:WO 2005/104116	2)NODA YOSHIHIRO
(61) Patent of Addition to Application Number	:NA	3)FUROMOTO SHIGEYUKI
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages: 89

No of Claims : 20

(57) Abstract:

Disclosed is an optical recording medium (300) with improved recording characteristics which comprises a plurality of recording layers arranged on a transparent substrate. Specifically, the optical recording medium (300) comprises two recording layers (a first recording layer (302) and a second recording layer (305)) which are arranged on a transparent first substrate (301) and into or from which information can be written or read by a laser light (310) irradiated thereon, and an intermediate layer (304) arranged between the two recording layers. A certain groove for a recording track is formed in a surface of the intermediate layer (304) which is opposite to the surface on the first substrate (301) side, and the intermediate layer (304) is composed of a plurality of resin layers (a first resin layer (304a), a second resin layer (304b), and so on to the outermost resin layer (304c)). When the certain groove for a recording track is formed in the outermost resin layer (304c), the outermost resin layer (304c) is made of a resin having an elastic modulus different from those of the other resin layers of the intermediate layer (304).



(54) Title of the invention: INSTANT WEARABLE CAP BILL SHAPER WITH INDICIA

(51) International classification	:A42C 1/04
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/US2004/018160
Filing Date	:07/06/2004
(87) International Publication No	:WO 2005/120266
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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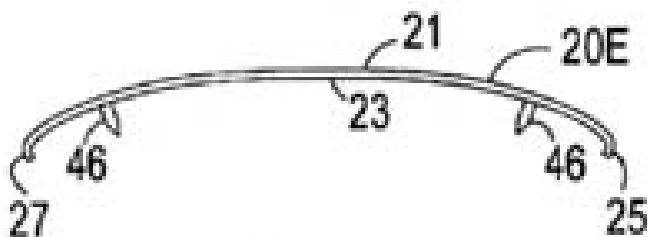
(72)**Name of Inventor :**
1)THOMPSON, Roger,G.

No of Pages : 27

No of Claims : 19

(57) Abstract:

A curved cap bill shaper (20,20A,20B) has binding tabs (15), snaps (30), spikes (46), or adjustable snaps (36) at each end binding the side edges of a cap bill (18) to the bill shaper and imparting a desired curvature to the cap bill. Mating curved arms (8B, 9B) hinged to the bill shaper may adjustably interlock below the cap bill sandwiching it there between. Protruding points (14, 46) from the bill shaper and the arms may pierce or indent the cap bill. Indicia (44) may be placed on a top surface (21) of the bill shaper which covers or partly covers the cap bill.



(54) Title of the invention: ROTARY CUTTING BIT.

(51) International classification	:E21C 35/18
(31) Priority Document No	:201284/04
(32) Priority Date	:26/03/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/SE2005/000431
Filing Date	:23/03/2005
(87) International Publication No	:WO 2005/093214
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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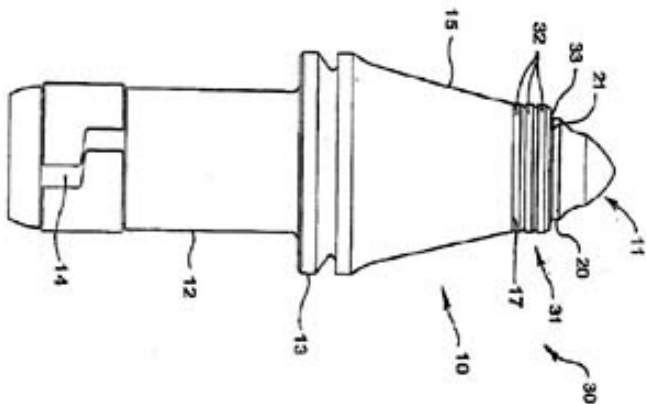
(72)**Name of Inventor :**
1)SLEEP, Keith
2)WEAVER, Steven

No of Pages : 21

No of Claims : 27

(57) Abstract:

The present invention relates to a cutting pick used for mining and excavation purposes and a method of using a cutting pick for mining. The cutting pick comprises an elongate shank (10), a cutting tip (11) fixed to one end of the shank to project from that end and which is of a material that is harder than the material of the shank (10), and a composite sleeve (31) formed of a plurality of annular sleeve portions (32) which are attached about the shank (10) adjacent the cutting tip and immediately adjacent to each other. The sleeve portions (32) are of a material which is harder than the material of the shank and which has a lower propensity for incensive spark production during a cutting operation during a cutting operation than the material of the shank (10).



(54) Title of the invention: METHOD FOR PRODUCING A METAL.

(51) International classification

:B21B37/76;

C21D11/00

(31) Priority Document No

:PCT/DE04/000724

(32) Priority Date

:06/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE2004/000724

Filing Date

:06/04/2004

(87) International Publication No

:WO 2005/099923

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Siemens AktiengesellschaftAddress of Applicant :Wittelsbacherplatz 2, 80333 Munchen, Germany.
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(72)Name of Inventor :

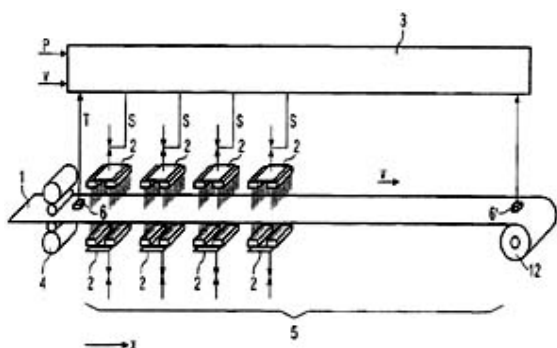
1)KLAUS WEINZIERL

No of Pages : 20

No of Claims : 19

(57) Abstract :

During the production of steel, a conversion model (10) is used for the cooling line (5). Said model is used to calculate the phase fractions (π_i), in addition to the temperature (T) of the steel, along the steel strip in real time. A regulating system, which maintains the phase fractions (P_i) of a steel strip that is wound onto a reeling device (12) at a constant level, is implemented. The method comprises the following steps; in a first step, the degree of conversion, for multi-phase steel e.g. the ferrite fraction, is determined from data obtained from the primary data (P) of the steel strip. In a second step, when the strip enters the cooling line (5), one or more parameters of the cooling strategy, i.e. control values (S), are adapted online in such a way that the ferrite content of the cooled steel on the reeling device (12) is maintained at a constant level.



(54) Title of the invention: A HYDRAULIC RESTRICTOR.

(51) International classification :F15B11/05;
F16F15/00
(31) Priority Document No :0413156.1
(32) Priority Date :12/06/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/052670
Filing Date :09/06/2005
(87) International Publication No :WO 2005/121628
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)SIEMENS AKTIENGESSELLSCHAFT

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(72)Name of Inventor :

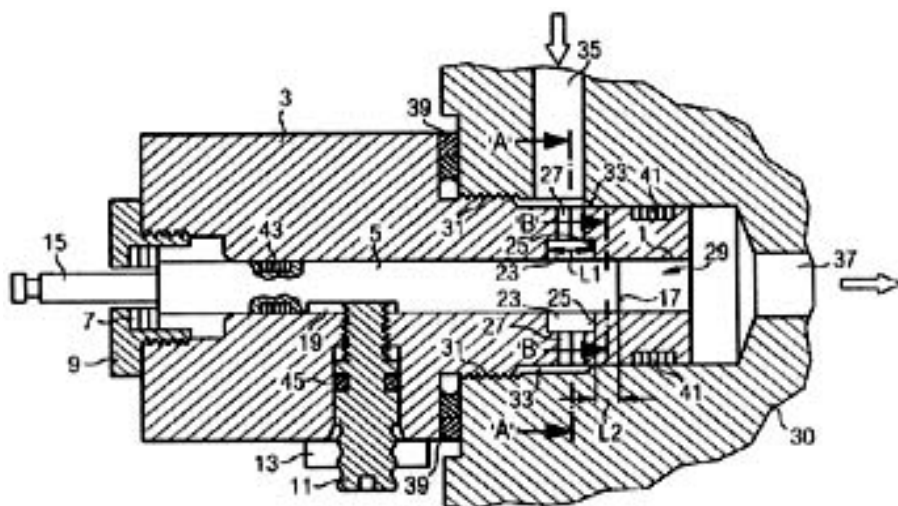
1)KOWLES JAMES GRAHAME

No of Pages : 9

No of Claims : 9

(57) Abstract:

A hydraulic restrictor comprising; a passage (1) along which hydraulic fluid flows; a member (5) which extends along said passage, said member restricting the flow along the passage; and means (11) for selectively securing said member at a plurality of different positions along the passage thereby to enable variation in the restriction on flow along the passage, said securing means (11) securing said member at each said position by securing the member against the said wall of the passage.



(54) Title of the invention: LOCKING DEVICE.

(51) International classification	:E05F 15/14
(31) Priority Document No	:A 706/2004
(32) Priority Date	:23/04/2004
(33) Name of priority country	:Austria
(86) International Application No	:PCT/EP2005/004127
Filing Date	:19/04/2005
(87) International Publication No	:WO 2005/103429
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)KNORR-BREMSE GES.M.B.HAddress of Applicant :Beethovengasse 43-45, A-2340 Modling Austria
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(72)Name of Inventor :

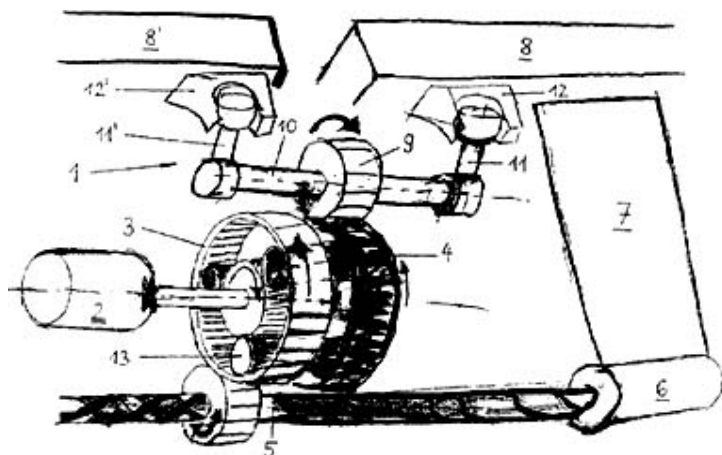
1)RITT ALOLS**2)BRAMAUER JOHANN**

No of Pages : 13

No of Claims : 9

(57) Abstract:

The invention relates to a locking device for a sliding door or folding sliding door comprising at least one door leaf and a drive train that encompasses at least one motor, a gear mechanism, and a driving spindle. Said locking device is characterized in that the drive train is provided with a moment division which deflects the reaction moment for a locking gear (4) generated when the spindle (5) is fixed and the motor (2) is activated onto a locking mechanism (1).



(54) Title of the invention: POWER SUPPLY DEVICE.

(51) International classification :H02J 13/00
 (31) Priority Document No :102004021380.1
 (32) Priority Date :30/04/2004
 (33) Name of priority country : Germany
 (86) International Application No :PCT/EP2005/051823
 Filing Date :22/04/2005
 (87) International Publication No :WO 2005/107035
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

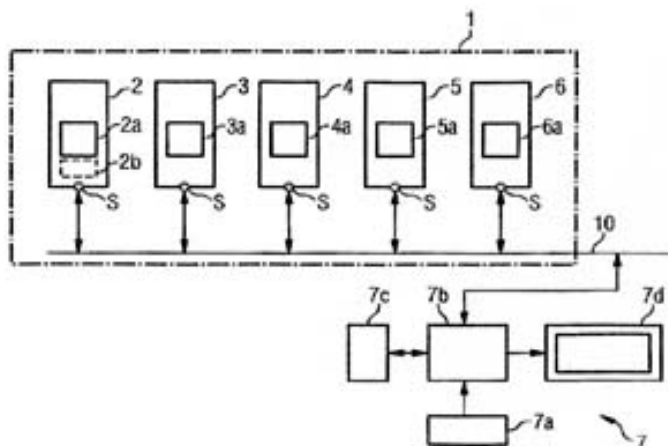
(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
1)HUBLITZ DIETER
2)MOHLER, HARALD

No of Pages : 14

No of Claims : 12

(57) Abstract:

The invention relates to a power supply device that comprises a plurality of power supply components. Said power supply components are provided with one communication interface each and are linked with a common analysis and control unit via said communication interface and a communication channel. The analysis and control unit controls a load moment of the power supply components.



(54) Title of the invention: DEVICE FOR THE PRODUCTION OF MOULDED PARTS AND STRUCTURAL UNIT FOR SUCH A DEVICE.

(51) International classification

:B29C33/30;
B29C33/44

(31) Priority Document No

:102004019633.8

(32) Priority Date

:22/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE2005/000581

Filing Date

:01/04/2005

(87) International Publication No

:WO 2005/102655

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)AUGUST LAPPLE GMBH & CO.KG.Address of Applicant :Austrasse 88,74076 Heilbronn, Germany,a German
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(72)Name of Inventor :

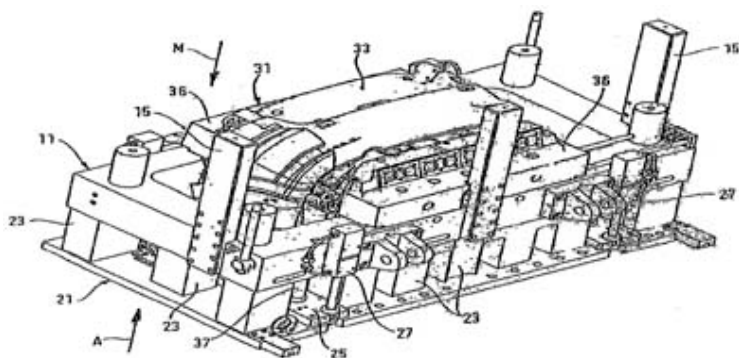
1)SCHMELCHER,ROLAND**2)KLOTZBUCHER,ARMIN**

No of Pages: 14

No of Claims : 22

(57) Abstract:

The invention relates to a device for producing moulded parts especially formed-by injection-moulding,-die-casting or press-forming. Said device comprises a core part (31), an ejection device (41) associated with the core part (31), a core carrier (11) carrying the core part (31) and the ejection device (41), and a die (51). The core part (31) and the die (51) can be braced in relation to each other, thus forming a cavity corresponding to the moulded part. The inventive device is characterised in that the core carrier is embodied as a core carrier frame (11) comprising a passage (13), and the core part (31) and the ejection device (41) form a structural unit that can be inserted on one side into the core carrier frame (11), the ejection device (41) extending through the passage (13) when inserted into the frame. The invention further relates to a specific structural unit consisting of a core part (31) and an ejection device (41) for the inventive device.



(54) Title of the invention: THIN PRINTABLE FLEXIBLE ELECTROCHEMICAL CELL AND METHOD OF MAKING SAME.

(51) International classification

:H01M2/08;
H01M2/18

(31) Priority Document No

:60/563,953

(32) Priority Date

:21/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/013783

Filing Date

:21/04/2005

(87) International Publication No

:WO 2005/106990

(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 :

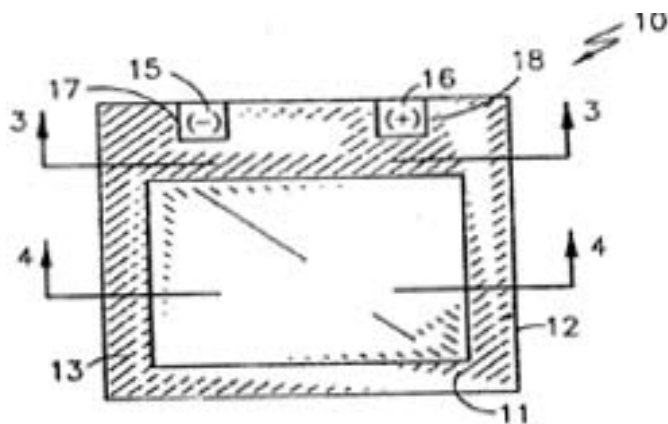
1)TUCHOLSKI,GARY,R.**2)RUSSELL,Ed T.****3)MCCOMSEY,DENNIS,W.**

No of Pages : 41

No of Claims : 34

(57) Abstract :

A thin printed flexible electrochemical cell with a high moisture and oxygen barrier polymer film sealed and folded package featuring a printed cathode deposited on a highly conductive carbon printed cathode collector with a zinc foil anode or printed anode placed adjacent to the cathode. After the cell components are added to the special laminated polymer substrate, the web is processed automatically on a modified high-speed commercial horizontal pouch filling machine to complete the cell assembly process In this process a starch coated paper separator layer may be inserted over the anode and the cathode, and then the aqueous electrolyte solution is added to the cell. To complete the process, all four edges of the cell are heat sealed to confine the cell components within the cell cavity and each cell is trimmed off the continuous web.



(54) Title of the invention: STRUCTURE OF PROTEIN KINASE C THETA AND RELATED APPLICATIONS.

(51) International classification

(31) Priority Document No

(32) Priority Date

(33) Name of priority country

(86) International Application No

Filing Date

(87) International Publication No

(61) Patent of Addition to Application Number

Filing Date

(62) Divisional to Application Number

Filing Date

:C12N9/12

:60/560,441

:07/04/2004

:U.S.A.

:PCT/US2005/011656

:06/04/2005

:WO 2005/097983

:NA

:NA

:NA

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

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2)OLLAND STEPHANE

3)WOLFROM SCOTT

4)LIN LAURA

5)STAHL MARK

6)LEE JULIE

7)FITZ LORI

8)GRECO RITA

9)CHAUDHARY DIVYA

10)CHAUDHARY DIVYA

11)SOMERS WILLIAM STUART

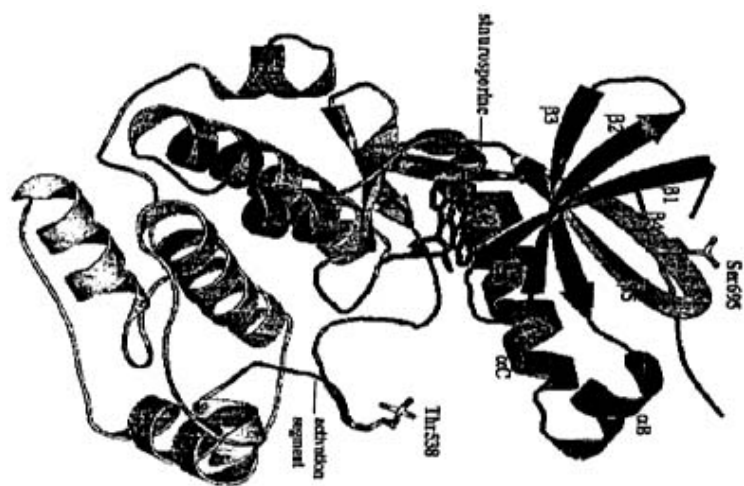
12)MOSYAK LIDIA

13)MALAKIAN KARL

No of Pages: 86

No of Claims: 14

(57) Abstract:
A three-dimensional structure of protein kinase C theta (PKCtheta) can be used in methods of designing an agent that interacts with PACtheta. The agent can be an inhibitor of PKCtheta activity.



(54) Title of the invention: DIARYLAMINE DERIVATIVES AS CALCIUM CHANNEL BLOCKERS.

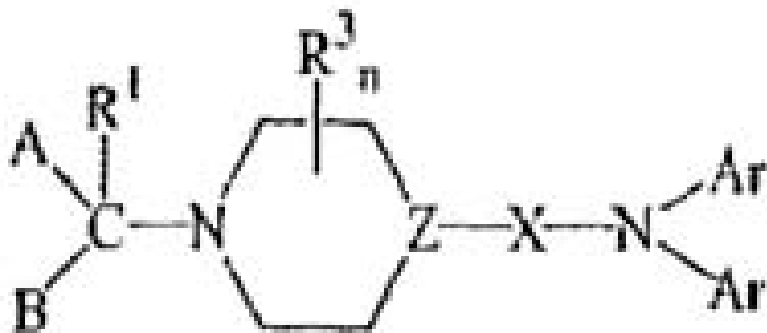
(51) International classification	:C07D405/06; A61K31/4468; A61K31/495;	(71)Name of Applicant : 1)NEUROMED PHARMACEUTICALS LTD. Address of Applicant :SUITE 301,2389 HEALTH SCIENCES MALL, VANCOUVER,BRITISH COLUMBIA V6T 1Z4, CANADA Canada
(31) Priority Document No	:10/821,584	(72)Name of Inventor :
(32) Priority Date	:09/04/2004	1)PAJOUHESH HASSAN
(33) Name of priority country	:U.S.A.	2)PAJOUHESH HOSSEIN
(86) International Application No	:PCT/CA2005/000544	3)DING YANBING
Filing Date	:08/04/2005	4)SNUTCH, TERRANCE P.
(87) International Publication No	:WO 2005/097779	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 48

No of Claims : 21

(57) Abstract :

N-diarylaminoalkyl-substituted piperazine/4-aminopiperidine compounds of formula (1) are disclosed, wherein each of A and B is independently a 6-membered aromatic or nonaromatic, carbocyclic or heterocyclic moiety or is an aminoalkyl and wherein one and only one of A and B may be H or alkyl (1-8C) or wherein A and B together form an optionally substituted 6-membered aromatic or nonaromatic, carbocyclic or heterocyclic moiety; R is H or alkyl (1-8C), Z is N or CHNR wherein R is H or alkyl (1-8C), X is straight chain alkylene (1-4C) wherein optionally at least one carbon adjacent to a nitrogen is in the form of C=O; each R is an independent substituent; n=0-2; Ar is a six-membered aromatic or heteroaromatic ring; wherein each cyclic moiety included in A or B each Ar moiety in formula (1) may be substituted by one or more substituents. These compounds and salts or conjugated thereof are able to block N-type and T-type calcium channels and are useful for treating conditions mediated by calcium ion channel activity such as chronic pain.



(54) Title of the invention: SUBSTITUTED AZEPINE DERIVATIVES AS SEROTONIN RECEPTOR MODULATORS.

(51) International classification	:A61K31/55; C07D487/0
(31) Priority Document No	:60/584,916
(32) Priority Date	:30/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/023282
Filing Date	:29/06/2005
(87) International Publication No	:WO 2006/004931
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)ATHERSYS, INC. Address of Applicant :3201 CARNEGIE AVENUE,CLEVELAND OHIO 44115-2634 UNITED STATES OF AMERICA U.S.A.
(72) Name of Inventor : 1)BENNANI, YOUSSEF, L 2)HUCK BAYARD 3)ROBARGE, MICHAEL, J 4)BOM, DAVID, C 5)VARGA, NORBERT 6)TUMEY, LAWRENCE, N

No of Pages : 85

No of Claims : 6

(57) Abstract :

The present invention generally relates to a series of compounds, to pharmaceutical compositions containing the compounds, and to use of the compounds and compositions as therapeutic agents More specifically, compounds of the present invention are hexahydroazepinoindole and octahydroazepinomdole compounds These compounds are serotonin receptor (5-HT) ligands and are useful for treating diseases, disorders, and conditions wherein modulation of the activity of serotonin receptors (5-HT) is desired (e.g. anxiety, depression and obesity).

(54) Title of the invention: INTERRUPTING USE OF FREQUENCY LAYER CONVERGENCE SCHEME.

(51) International classification :H04B7/26
 (31) Priority Document No :60/599,590
 (32) Priority Date :05/08/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2005/002564
 Filing Date :05/08/2005
 (87) International Publication No :WO 2006/014092
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

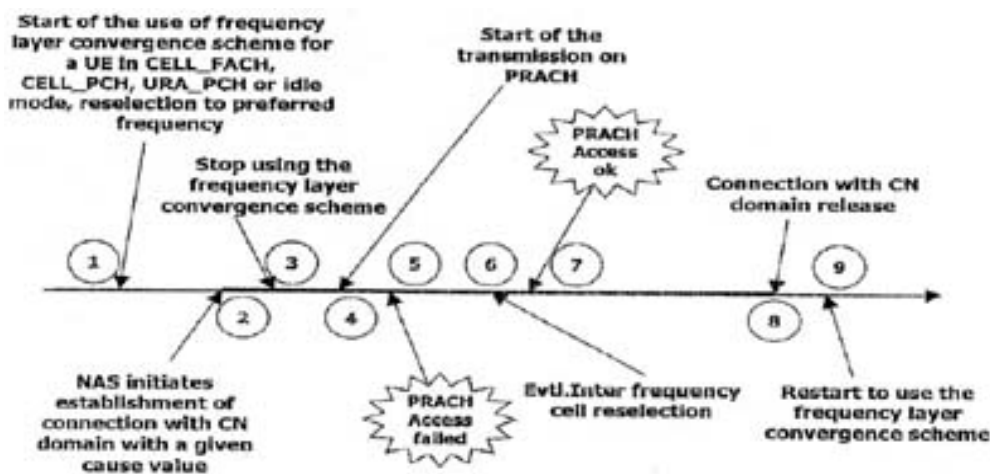
(71)Name of Applicant :
1)LG ELECTRONICS INC.
 Address of Applicant :20,YOIDO-DONG YONGDUNGPO-GU SEOUL
 150-010 REPUBLIC OF KOREA Republic of Korea
 (72)Name of Inventor :
1)KIM MYEONG-CHEOL

No of Pages : 37

No of Claims : 36

(57) Abstract:

The present invention is directed to interrupting use of a frequency layer convergence scheme that favors selection of a cell on a preferred frequency of a joined point-to-multipoint service. Specifically, a mobile terminal that has joined a point-to-multipoint service having a preferred frequency uses a frequency layer convergence scheme for selecting a cell. The frequency convergence scheme favors the selection of a cell on the preferred frequency layer. However, use of the frequency layer convergence scheme is interrupted upon an occurrence of a trigger.



(54) Title of the invention: PHYSIOLOGICAL COOLING COMPOSITIONS.

(51) International classification	:A23L 1/226,A61K31/21	(71) Name of Applicant : 1)MILLENNIUM SPECIALTY CHEMICALS Address of Applicant :601 CREST WOOD STREET,BUILDING68 JACKSONVILLE,FLORIDA 32208, UNITED STATES OF AMERICA U.S.A.
(31) Priority Document No	:10/857,272	(72) Name of Inventor :
(32) Priority Date	:28/05/2004	1)ERMAN,MARK,B.
(33) Name of priority country	:U.S.A.	2)WHELAN,PATRICK,J.
(86) International Application No	:PCT/US2005/013288	3)SNOW, JOE,W.
Filing Date	:19/04/2005	
(87) International Publication No	:WO 2005/117811	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 36

No of Claims : 29

(57) Abstract :

The present invention provides, in one aspect, a physiological cooling composition comprising at least one cyclo- hexane carboxamide, at least one acyclic carboxamide, and at least one stereoisomer of menthyl lactate. In another aspect, disclosed is a method for producing such composition. In still another aspect, disclosed are various consumer products comprising a physiological cooling composition comprising at least one cyclohexane carboxamide, at least one acyclic carboxamide, and at least one stereoisomer of menthyl lactate.

(54) Title of the invention: METHOD AND DEVICE FOR RETRANSMISSION AS WELL AS PROCESSING AND/OR PLAYBACK AND/OR STORAGE OF SOUND AND/OR IMAGE CONTENT, AS WELL AS APPARATUS FOR PROCESSING AND/OR PLAYBACK AND/OR STORAGE OF SOUND AND/OR IMAGE CONTENT

(51) International classification	:H04N 5/913
(31) Priority Document No	:102005033285.4
(32) Priority Date	:15/07/2005
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2006/002884
Filing Date	:30/03/2006
(87) International Publication No	:WO 2007/009506
(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)SEDLMEYER, ROBERT

No of Pages : 9

No of Claims : 3

(57) Abstract :

In order to comply with the demand from public broadcasting companies and "Free-to-Air" program providers for unencoded processing and/or playback and/or storage of freely accessible content at the end user within a unitary system for transmission and reception of encoded or unencoded sound and/or image content, a special non-encoding instruction (3) is incorporated in use authorization information (2) contained in the received signal. The instruction (3) signals that the sound and/or image content shall be available to the end user in unencoded form upon reception. The use authorization information (2) remains added, or logically linked by suitable measures, even in case of an optionally cascaded, encoded retransmission of the sound and/or image content, even if said information is transmitted simultaneously with the image and/or sound content, but physically separate therefrom. The special instruction (3) causes decoding of the image and/or sound content at least at the end of the retransmission cascade when processing and/or playing back and/or storing the image and/or sound content retransmitted in encoded form.

(54) Title of the invention: METHOD FOR RETRANSMISSION OF USE AUTHORIZATION INFORMATION.

(51) International classification :H04N 7/24
 (31) Priority Document No :102005033836.4
 (32) Priority Date :20/07/2005
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2006/002885
 Filing Date :30/03/2006
 (87) International Publication No :WO 2007/009507
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

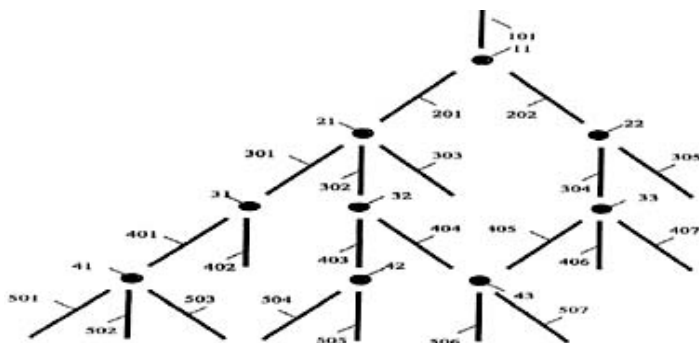
(71)**Name of Applicant :**
1)INSTITUT FUR RUNDFUNKTECHNIK GMBH
 Address of Applicant :FLORIANSMUHLSTRASSE 60, D-80939,MUNCHEN,GERMANY Germany
 (72)**Name of Inventor :**
1)SEDLMEYER, ROBERT

No of Pages : 10

No of Claims : 2

(57) Abstract:

In order to reduce the data volume for transmission and conversion of use authorization information received in encoded or unencoded form, together with sound and/or image content, in signals from transmission networks of any kind, it is proposed that, prior to its retransmission, the use authorization information, which is hierarchically structured in the manner of a tree structure, should be reduced such that empty branches of the tree are recognized and marked as not relevant. During retransmission of the use authorization information, the branches of the tree marked as not relevant will not be transmitted.



(54) Title of the invention: METHOD AND APPARATUS FOR PROVIDING ENHANCED MESSAGES ON COMMON CONTROL CHANNEL IN WIRELESS COMMUNICATION SYSTEM.

(51) International classification	:H04B7/26; H04B7/26
(31) Priority Document No	:60/576,214
(32) Priority Date	:01/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/KR2005/001378
Filing Date	:11/05/2005
(87) International Publication No	:WO 2005/119941
(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 :

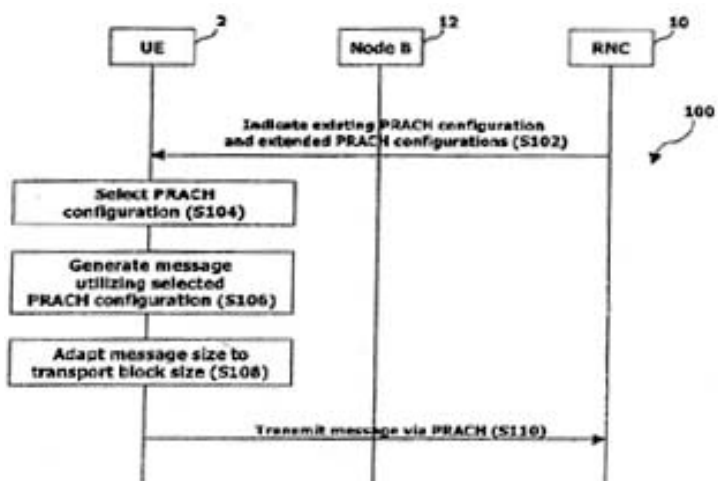
1)KIM MYEONG-CHEOL**2)YE SEUNG-JUNE**

No of Pages: 36

No of Claims : 55

(57) Abstract:

A method and apparatus for providing new configurations for transmitting control information between a mobile terminal and a network using a common control channel (CCCH) logical channel / transport channel. The new configurations enable messages to be sent that are larger than currently allowed and the availability of the new configurations is indicated such that mobile terminals that do not support the new configurations are not impacted.



(54) Title of the invention: PLUNGER BUFFER.

(51) International classification

:B61G11/14;
B61G11/16

(31) Priority Document No

:PCT/EP2004/004439

(32) Priority Date

:27/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2004/004439

Filing Date

:27/04/2004

(87) International Publication No

:WO 2005/115818

(61) 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, SIEGHARDAddress of Applicant :WIELANDSTRASSE 15 88239, WANGEL I,
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(72)Name of Inventor :

1)SCHNEIDER, SIEGHARD

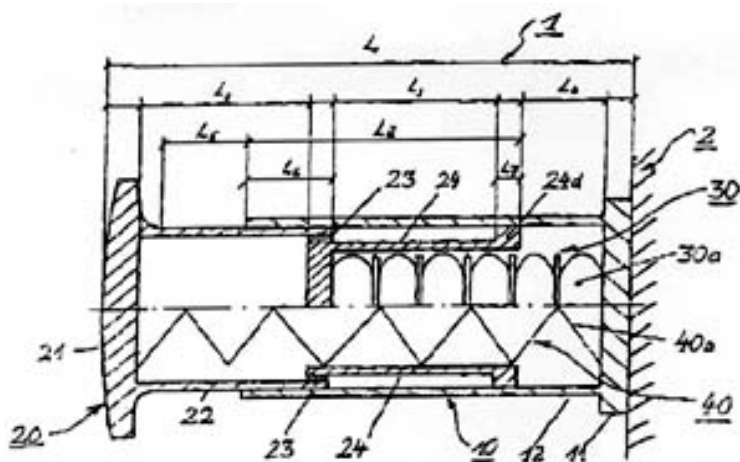
No of Pages : 13

No of Claims : 10

(57) Abstract :

The invention relates to a plunger buffer that comprises first and second guide elements in the form of a buffer housing (10) and a plunger (20). The aim of the invention is to allow a significant length reduction for the controlled deformation of the buffer housing in the event of overload and at the same time a sufficiently large overlap in the normal operation (compression until full plunger displacement is attained). For this purpose, at least one (20) of the two guide elements (10, 20; 10, 50) consists of two or more elongate sections (22, 24; 52, 54) disposed one after the other. The elongate sections (22, 24; 52, 54), in the area of their adjacent faces, are interlinked by one or more predetermined breaking point(s) (23; 53) each and have different cross-sectional dimensions.

When a defined impact force (triggering force) onto the buffer housing (1) is exceeded, the predetermined breaking point(s) (23; 53) tear(s) off and the elongate sections (22, 24; 52, 54) are telescoped into each other.



(54) Title of the invention: INFORMATION SIGNAL PROCESSING BY MODIFICATION IN THE SPECTRAL/MODULATION SPECTRAL RANGE REPRESENTATION

(51) International classification

:G06F17/14;
G10L19/02

(31) Priority Document No

:10 2004 021
403.4

(32) Priority Date

:30/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP

Filing Date

2005/003064

(87) International Publication No

:WO

2005/109240

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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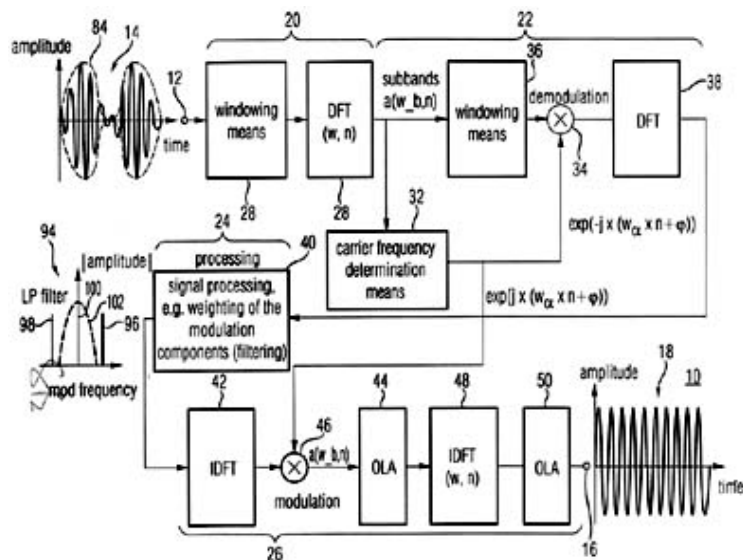
3)Juergen HERRE

No of Pages : 33

No of Claims : 19

(57) Abstract:

Processing of information signals separated according to modulation and carrier components in a more controlled way is made possible by a device for processing an information signal (14) including means (20) for converting the information signal (14) to a time/spectral representation by block-wise transforming of the information signal and means (22) for converting the information signal from the time/spectral representation to a spectral/modulation spectral representation, wherein the means (22) for converting is designed such that the spectral/modulation spectral representation depends on both a magnitude component and a phase component of the time/spectral representation of the information signal (14). A means (24, 40) then performs a manipulation and/or modification of the information signal (14) in the spectral/modulation spectral representation to obtain a modified spectral/modulation spectral representation. A further means (26) finally forms a processed information signal (18) representing a processed version of the information signal (14) based on the modified spectral/modulation spectral representation.



(54) Title of the invention: GREASE FOR SLIDE BEARING

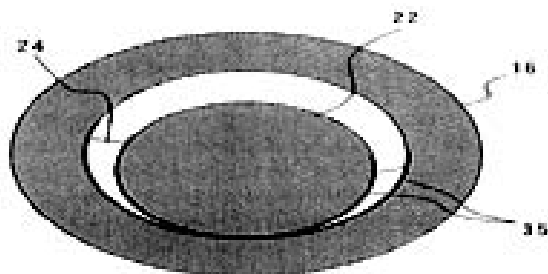
(51) International classification	:F16C33/10	(71)Name of Applicant :
(31) Priority Document No	:2004-316745	1)HITACHI CONSTRUCTION MACHINERY CO. LTD.
(32) Priority Date	:28/10/2004	Address of Applicant :5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004
(33) Name of priority country	:Japan	Japan
(86) International Application No	:PCT/JP	(72)Name of Inventor :
Filing Date	05/019623	1)Hideki AKITA
(87) International Publication No	:WO	2)Osamu GOKITA
(61) Patent of Addition to Application Number	2006/046573	3)Minoru FUJISAKI
Filing Date	:NA	4)Hajime MAEZAWA
(62) Divisional to Application Number	:NA	5)Nobuo YANAKA
Filing Date	:NA	6)Hiroshi NISHIMURA
		7)Hiroshi NISHIMURA
		8)Hideyuki FUJIYA

No of Pages : 35

No of Claims: 7

(57) Abstract :

Grease for a slide bearing, which can suppress unusual noise attributable to a slip caused between a shaft and a bearing when a machine is stopped. In slide bearing grease 24 supplied to between a slide bearing 16 formed of a porous sintered alloy-made bushing having pores 30 impregnated with lubricating oil 31 and a shaft 22 inserted in the slide bearing 16 and supported to be slidably rotatable in the circumferential direction, the slide bearing grease 24 employs base oil having dynamic viscosity of 10 - 70 mm²/s at 40°C and exuding under a load of the shaft 22 to form an oil film 35 between the slide bearing 16 and the shaft 22.



(54) Title of the invention: RUBBER ADHESIVE COMPOSITION FOR TEXTILE MATERIALS

(51) International classification

:C08J5/06;
C09J121/02

(31) Priority Document No

:10/830,747

(32) Priority Date

:23/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US

Filing Date

05/009818

:23/03/2005

(87) International Publication No

:WO

2005/108517

(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)WINKLER, Andrei

No of Pages : 19

No of Claims : 20

(57) Abstract :

This invention relates to an adhesive composition comprising: an elastomeric latex; a phenol, an aldehyde and an alkylated melamine-formaldehyde resin suitable for use in the adhesion of textile material to rubber. This invention also relates to a method of promoting the adhesion of a textile material to rubber comprising the step of contacting the textile material with an adhesive composition comprising an elastomeric latex; a phenol; an aldehyde; and an alkylated melamine-formaldehyde resin. The adhesive composition of this invention provides equal or better retention of adhesive strength after heat aging.

(54) Title of the invention: ARRANGEMENT COMPRISING AN INTEGRATED CIRCUIT

(51) International classification :G06F21/00
 (31) Priority Document No :102004014435.4
 (32) Priority Date :24/03/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP05/051072
 Filing Date :10/03/2005
 (87) International Publication No :WO 2005/098567
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

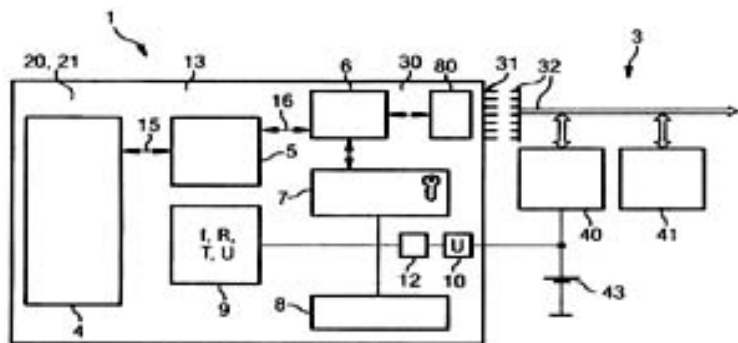
(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
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2)Jochen Kiemes
3)Roland Lange
4)Andreas Lindinger
5)Gerhard Rombach

No of Pages : 14

No of Claims : 18

(57) Abstract:

The invention relates to an integrated circuit (1) provided with function modules (2) which comprise a central processing unit (4) for treating data and executing a program and a cache memory (5). Until now, it was complicated and costly to ensure the manipulation security of said modules. Said invention makes it possible to take remedy actions consisting in that the function modules (2) comprise an encoding unit (6) for data encoding and decoding.



(54) Title of the invention: PROCESS AND INTERMEDIATE COMPOUNDS USEFUL IN THE PREPARATION OF STATINS, PARTICULARLY ROSUVASTATIN

(51) International classification :C07D309/10
 (31) Priority Document No :0406757.5
 (32) Priority Date :26/03/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/001099
 Filing Date :23/03/2005
 (87) International Publication No :WO 2005/092867
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

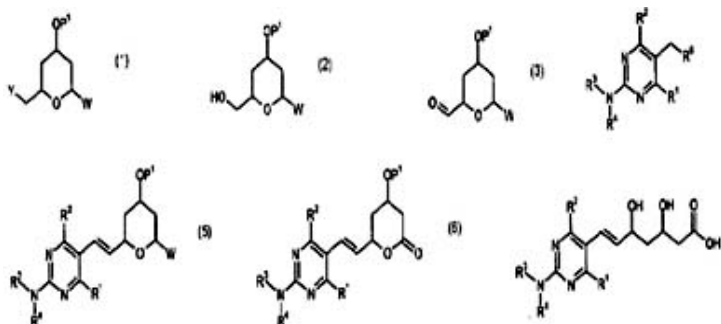
(71)Name of Applicant :
1)AVECIA PHARMACEUTICALS LIMITED
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2)WIFFEN, Jonathan, William

No of Pages : 16

No of Claims : 5

(57) Abstract :

There is provided a process for the preparation of a compound of formula (7) wherein R1 represents an alkyl group; R2 represents an aryl group; R3 represents hydrogen, a protecting group or an alkyl group; and R4 represents hydrogen, a protecting group or a SO2R5 group where R5 is an alkyl group, which comprises a) hydroxylating a compound of formula (1) wherein Y represents a halo group; P1 represents hydrogen or a protecting group, and W represents =O or -OP2, in which P2 represents hydrogen or a protecting group, to give a compound of formula (2), b) oxidising the compound of formula (2) to give a compound of formula (3), c) coupling the compound of formula (3) with a compound of formula (4), wherein R3 represents a protecting group or an alkyl group; R4 represents a protecting group or a SO2R5 group where R5 is an alkyl group; and R6 represents (PR7R8)+X- or P(=O)R7R8 in which X is an anion and R7 and R8 each independently is an alkyl, aryl



(54) Title of the invention: ANODE ACTIVE MATERIAL WITH IMPROVED ELECTROCHEMICAL PROPERTIES AND ELECTROCHEMICAL DEVICE COMPRISING THE SAME

(51) International classification	:H01M 4/36
(31) Priority Document No	:10-2004-0028184
(32) Priority Date	:23/04/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/001033
Filing Date	:22/04/2005
(87) International Publication No	:WO 2005/114767
(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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SEOUL 150-721 Republic of Korea

(72)Name of Inventor :

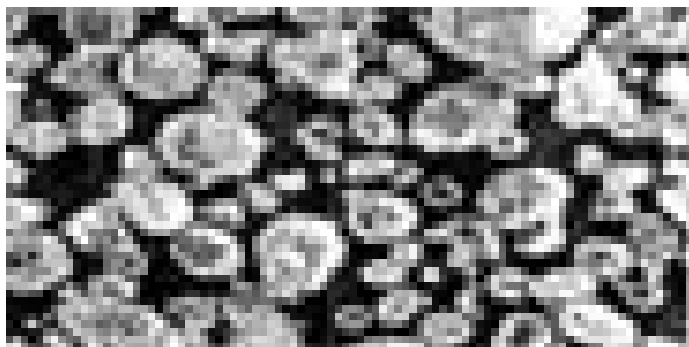
1)CHANG SUNG-KYUN**2)KIM HYEONG-JIN****3)CHOY SANG-HOON****4)CHO JEONG-JU**

No of Pages : 28

No of Claims : 13

(57) Abstract :

Disclosed is an anode active material, comprising: (a) a carbonaceous material; and (b) a carbide coating layer partially or totally formed on a surface of the carbonaceous material, the carbide coating layer comprising at least one element selected from the group consisting of metals and metalloids. An anode obtained by using the anode active material and an electrochemical device comprising the anode are also disclosed. The carbonaceous material comprises a coating layer of metal-/metalloid-carbide obtained by treating it at high temperature under inert atmosphere, wherein the coating layer has increased interfacial bonding force to the carbonaceous material and thus shows minimized reactivity to lithium. The carbonaceous material as anode active material can minimize the irreversible anode capacity needed for the formation of an SEI film during the first charge/discharge cycle, thereby providing high capacity, high efficiency and significantly improved anode qualities.



(54) Title of the invention: FUEL FILTER FOR DIESEL INTERNAL COMBUSTION ENGINES

(51) International classification :B01D27/10
 (31) Priority Document No :RE2004A000066
 (32) Priority Date :01/06/2004
 (33) Name of priority country :Italy
 (86) International Application No :PCT/EP2005/005386
 Filing Date :13/05/2005
 (87) International Publication No :WO 2005/118102
 (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 :

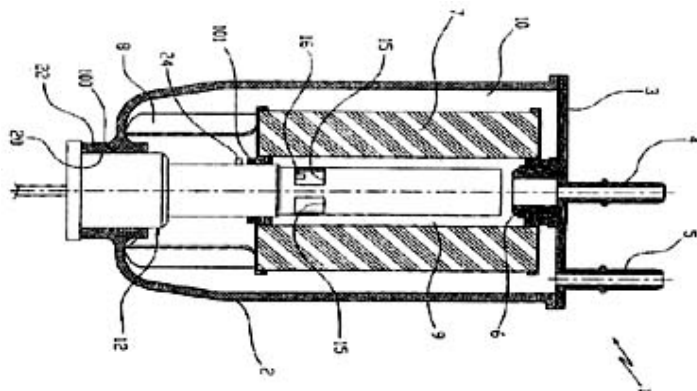
1)GIRONDI, GIORGIO

No of Pages : 11

No of Claims : 7

(57) Abstract :

For diesel internal combustion engines, an improved filter unit comprising an outer casing (2, 3) the interior of which is separated by a filtering baffle (7) into two separate chambers to which a fuel inlet conduit (4) and a fuel outlet conduit (5) are connected respectively, with said casing there being associated a device (12) provided with sensors (16) for measuring certain characteristic parameters for correct engine operation.



(54) Title of the invention: RELEASE AGENT-FREE, MULTIPLE-USE POLYMER-BASED COMPOSITE MATERIALS EMPLOYED FOR CONCRETE POURING FORMS AND METHODS OF MAKING AND USING THE SAME

(51) International classification :B32B37/12
 (31) Priority Document No :60/559,005
 (32) Priority Date :05/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/011251
 Filing Date :05/04/2005
 (87) International Publication No :WO 2005/099372
 (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, JAMES, C

4)CALLAND, WILLIAM, N

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3)TAYLOR, JAMES, C.

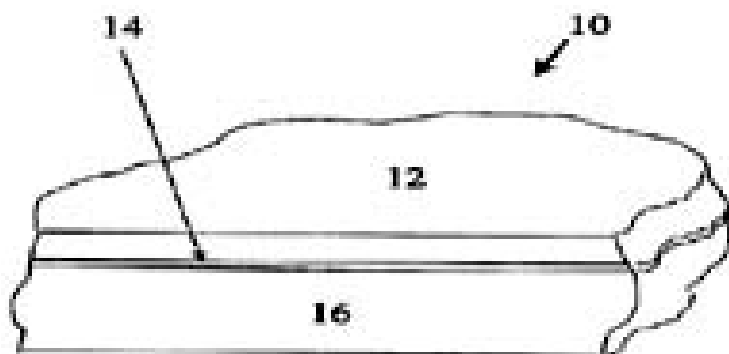
4)CALLAND, WILLIAM, N

No of Pages : 40

No of Claims : 44

(57) Abstract :

Polymer-based composite materials comprising a polymer, such as high density polyethylene, and one or more functional fillers, such as powdered metals, carbon, or ceramics, are described. The composite materials can be used for concrete forming applications. For example, the polymer-based composite materials can be formed into sheets and laminated onto various non-metal substrates, such as plywood, for use as concrete pouring forms. The polymer-based composite materials can also be used as facings and liners for metal concrete pouring forms. The forms can be used multiple times without release agents and without staining or physically damaging the cured concrete. The polymer-based composite materials can be provided with various surface textures, patterns, and designs. Methods for bonding the polymer-based composite materials to various non-metal and metal substrates are also described.



(54) Title of the invention: WIND TURBINE FOR GENERATING ELECTRICITY

(51) International classification :F03B15/06
 (31) Priority Document No :60/568,063
 (32) Priority Date :03/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/015148
 Filing Date :03/05/2005
 (87) International Publication No :WO 2005/108779
 (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 :

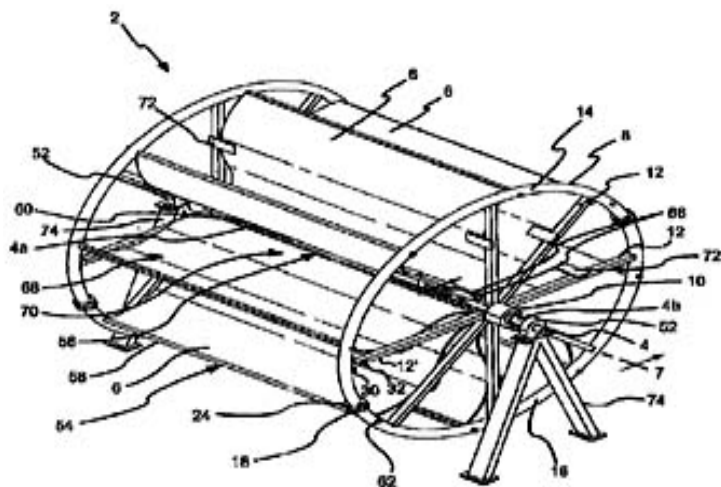
1)DUKOVIC, ADEM, D.**2)PANDYA, BALCHANDRA, S.****3)STEFANOVIC, TOMISLAV****4)WINEGAR, MARVIN, A.**

No of Pages : 30

No of Claims : 21

(57) Abstract :

A wind driven turbine (2) has a plurality of sigmoid blades (6) with the trailing edge (56) of each blade (6) mounted parallel to a horizontally oriented shaft (4). Each blade (6) extends radially outward from the shaft (4). An electric generation system is composed of an array of the turbines (2) mounted on a platform (54) positioned on top of a tower (86). Each turbine shaft (4) may be connected directly with a generator (78) for producing electricity.



(54) Title of the invention: SAFETY ELEMENT FOR BATTERY AND BATTERY WITH THE SAME

(51) International classification	:H01M10/50
(31) Priority Document No	:10-2004-0035567
(32) Priority Date	:19/05/2004
(33) Name of priority country	:Republic of Korea
(86) International Application No	:PCT/KR2005/001458
Filing Date	:18/05/2005
(87) International Publication No	:WO 2005/112182
(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)CHO JEONG-JU**2)LEE JAE-HYUN****3)CHANG SUNG-KYUN****4)JANG MIN-CHUL****5)SHIN SUN SIK****6)BANG EUI YONG****7)LEE JOON-HWAN****8)HA SOO-HYUN**

No of Pages : 13

No of Claims : 8

(57) Abstract:

Disclosed are a safety element for a battery, which is provided with material having a Metal-Insulator Transition (MIT) characteristic where resistance abruptly drops at or above a certain temperature, and a battery with such a safety element. This battery with an MIT safety element is turned into a stable discharged state when it is exposed to an elevated temperature or a battery temperature rises due to external impact, so that it can ensure its safety.

(54) Title of the invention: SYSTEM FOR PRODUCTION OF STANDARD SIZE DWELLINGS USING A SATELLITE MANUFACTURING FACILITY

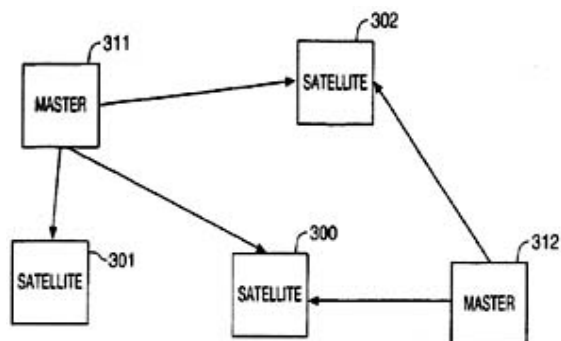
(51) International classification	:E04B1/35	(71)Name of Applicant :
(31) Priority Document No	:10/832,745	1)INTELLECTUAL PROPERTY, LLC
(32) Priority Date	:26/04/2004	Address of Applicant :809, LOGAN STREET, SUITE 610, DENVER, CO
(33) Name of priority country	:U.S.A.	80203, U.S.A.
(86) International Application No	:PCT/US2005/005429	2)COHEN ROGER B.
Filing Date	:18/02/2005	(72)Name of Inventor :
(87) International Publication No	:WO 2005/108695	1)COHEN, DAVID L.
(61) Patent of Addition to Application Number	:NA	2)COHEN, ROGER B.
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 45

No of Claims : 24

(57) Abstract :

The system for manufacturing standard size dwellings comprises a network of facilities, sited to maximize the efficiency of the product and materials flows. In particular, one or more manufacturing facilities are used to manufacture subassemblies and supply materials for use in assembling a standard size dwelling in a factory environment. These manufactured subassemblies and materials are transported to one or more satellite manufacturing facilities, each of which are located proximate to a location where a large number of dwellings are to be built. The satellite manufacturing facilities function to integrate the received subassemblies and materials together to create a standard size dwelling, which is then transported to the foundation where the dwelling is to be sited. The satellite manufacturing facilities can optionally manufacture subassemblies, such as a roof subassembly, where appropriate as part of the dwelling assembly process



(54) Title of the invention : CATEGORIZED WEB BROWSING HISTORY

(51) International classification	:G06F 17/30
(31) Priority Document No	:10/826,480
(32) Priority Date	:16/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011022
Filing Date	:01/04/2005
(87) International Publication No	:WO 2005/106715
(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)BANDHAUER, JOHN PHILIP
3)WATERSON, CHRISTOPHER ROBERT

No of Pages : 18

No of Claims : 44

(57) Abstract :

A simple, user-friendly method and apparatus for establishing and maintaining a categorized Web browsing history uses a directory service, such as the Open Directory Project, to get category metadata about visited URLs. Metadata thus obtained are used to present a user's personal browser history in a category-based hierarchy.

(54) Title of the invention: INHIBITORS OF HISTONE DEACETYLASE

(51) International classification	:C07D 495/04
(31) Priority Document No	:60/556,828
(32) Priority Date	:26/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/CA2005/000454
Filing Date	:29/03/2005
(87) International Publication No	:WO 2005/092899
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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10)GAUDETTE FREDERIC
11)ISAKOVIC LJUBOMIR

No of Pages : 241

No of Claims : 75

(57) Abstract :

The invention relates to a series of compounds useful for inhibiting histone deacetylase (HDAC) enzymatic activity. The invention also provides a method for inhibiting histone deacetylase in a cell using said compounds as well as a method for treating cell proliferative diseases and conditions using said HDAC inhibitors- Further, the invention provides pharmaceutical compositions comprising the HDAC inhibiting compounds and a pharmaceutically acceptable carrier.

(54) Title of the invention: DIPHENYL-INDOL-2-ON COMPOUNDS AND THEIR USE IN THE TREATMENT OF CANCER

(51) International classification :A61K31/404;
A61K31/407
(31) Priority Document No :PA 2004 00576
(32) Priority Date :08/04/2004
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2005/000244
Filing Date :08/04/2005
(87) International Publication No :WO 2005/097107
(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)COULTER, THOMAS,STEPHEN

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9)UDDIN, MOHAMMED

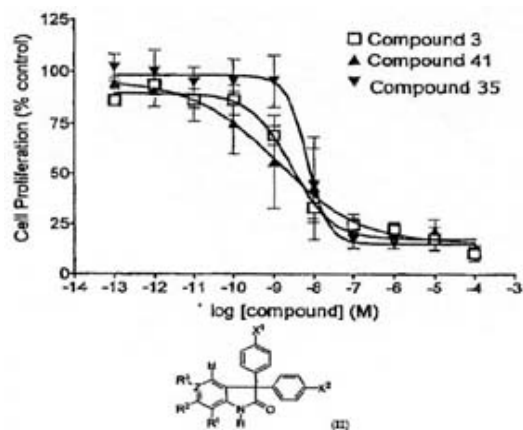
10)REIGNIER, SERGE

No of Pages : 85

No of Claims : 31

(57) Abstract :

The present invention relates to substituted 3,3-diphenyl-1,3-dihydro-indol-2-one compounds, and the use of such compounds for the preparation of a medicament for the treatment of cancer in a mammal. It is postulated that the compounds inhibit protein synthesis and/or inhibit activation of the mTOR pathway each is an effective method for reducing cell growth and the treatment of cancer. Examples of such cancers are breast cancer, renal cancer, multiple myeloma, leucemia, glia blastoma, rhabdomyosarcoma, prostate, soft tissue sarcoma, colorectal sarcoma, gastric carcinoma, head and neck squamous cell carcinoma, uterine, cervical, melanoma, lymphoma, and pancreatic cancer A particular subclass of compounds are represented by the formula (II) wherein at least one of X1 and X2 is a hetercatom substituent, e.g. 6-chloro-3,3-bis-(4-hydroxy-phenyl)-7-methyl-1,3-dihydro-in-dol-2-one.



(54) Title of the invention: PDX1 EXPRESSING ENDODERM

(51) International classification :C07K14/71
 (31) Priority Document No :60/566,293
 (32) Priority Date :27/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/014239
 Filing Date :26/04/2005
 (87) International Publication No :WO 2005/116073
 (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)ELIAZER,SUSAN
4)BAETGE,EMMANUEL,E.

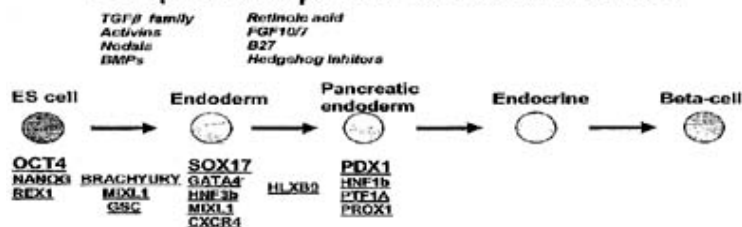
No of Pages : 84

No of Claims : 109

(57) Abstract :

Disclosed herein are cell cultures comprising PDX1-positive endoderm cells and methods of producing the same. Also disclosed herein are cell populations comprising substantially purified PDX1-positive endoderm cells as well as methods for enriching, isolating and purifying PDX1-positive endoderm cells from other cell types. Methods of identifying differentiation factors capable of promoting the differentiation of endoderm cells, such as PDX1-positive foregut endoderm cells and PDX1 -negative definitive endoderm cells are also disclosed.

Step-wise β -cell differentiation



(54) Title of the invention : APPARATUS AND METHOD FOR CHANNEL ESTIMATION IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING CELLULAR COMMUNICATION SYSTEM USING MULTIPLE TRANSMIT ANTENNAS

(51) International classification :H04J11/00
 (31) Priority Document No :204-0027630
 (32) Priority Date :21/04/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001138
 Filing Date :20/04/2005
 (87) International Publication No :WO 2005/104411
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

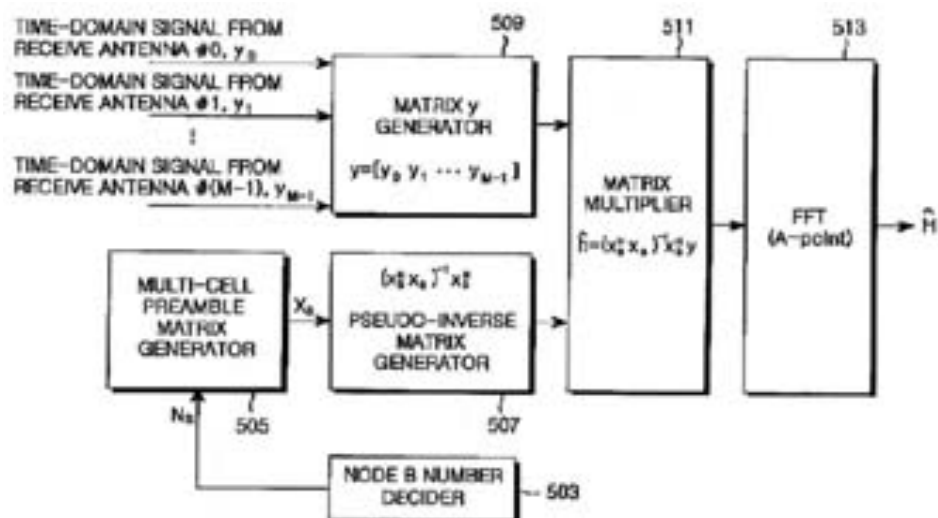
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 (72)Name of Inventor :
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2)SUH, Chang-Ho
3)HWANG, Chan-Soo
4)YOON, Seok-Hyun
5)CHO, Young-Kwon

No of Pages : 29

No of Claims : 28

(57) Abstract :

An apparatus and method for channel estimation using preamble signals received from a serving Node B and neighboring Node Bs each having $N (>1)$ transmit antennas in a UE having $M (>1)$ receive antennas in a broadband wireless communication system In the channel estimation apparatus a Node B number decider calculates the maximum number N of channel estimatable Node Bs using a preamble length the number of antennas in each of the Node Bs and the number of multiple paths A multi-cell preamble matrix generator generates a multi cell preamble matrix x by generating a Node B preamble matrix for each of the Node Bs and selecting N Node B preamble matrices according to reception power among the Node B preamble matrices A channel estimator performs a channel estimation using x and signals received through the M antennas during a preamble receiving period.



(54) Title of the invention : GOSSYPOL CO-CRYSTALS AND THE USE THEREOF .

(51) International classification	:A61K31/11
(31) Priority Document No	:60/556,249
(32) Priority Date	:25/03/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/009673
Filing Date	:24/03/2005
(87) International Publication No	:WO 2005/094804
(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)WANG,SHAOMENG,

No of Pages : 42

No of Claims : 28

(57) Abstract :

This invention relates to compositions comprising co-crystals of (-) gossypol with a C1-8 Carboxylic acid or C1-8 sulfonic acid which are useful as inhibitors of Bcl-2 family proteins. The invention also relates to the use of co crystals of (-) gossypol with a c1-8 carboxylic acid or c1-8 sulfonic acid for inducing apoptosis in cells and for sensitizing cells to the induction of apoptotic cell death.

(54) Title of the invention : TETRAHYDRO-INDAZOLE CANNABINOID MODULATORS.

(51) International classification :C07D 231/56
 (31) Priority Document No :60/555,890
 (32) Priority Date :24/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US05/009819
 Filing Date :23/03/2005
 (87) International Publication No :WO 2005/095353
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

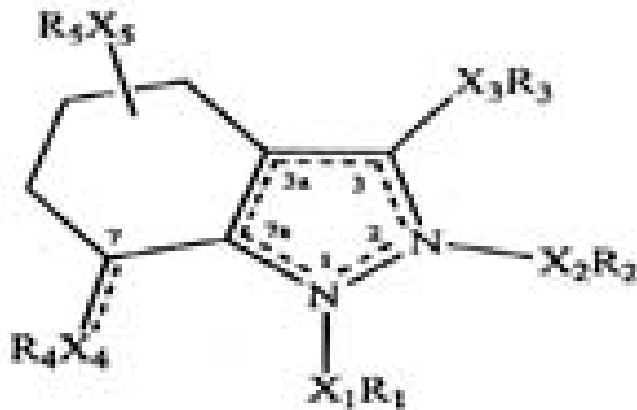
(71)**Name of Applicant :**
1)JANSSEN PHARMACEUTICA N.V.
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 (72)**Name of Inventor :**
1)Bharat Lagu
2)Fina Liotta
3)Mena Pan
4)Michael P. Wachter
5)Mingde Xia
6)Fina Liotta

No of Pages : 144

No of Claims : 28

(57) Abstract :

This invention is direction to a tetrahydro-indazole cannabinoid modulator compound of formula I: and a method for use in treating, ameliorating or preventing a cannabinoid receptor mediated syndrome, disorder or disease.



(54) Title of the invention : BODY MADE OF PLASTIC REINFORCED WITH COMPOSITE MANUFACTURING METHOD AND DEVICE.

(51) International classification :B29C 53/66,53/70
 (31) Priority Document No :0404574
 (32) Priority Date :29/04/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/050279
 Filing Date :26/04/2005
 (87) International Publication No :WO 2005/110717
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

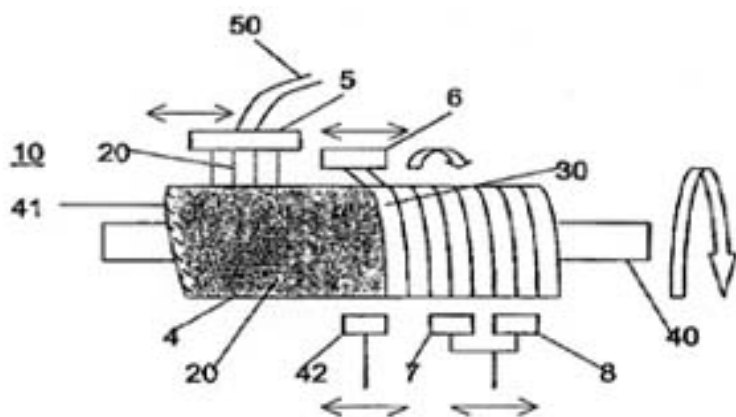
(71)**Name of Applicant :**
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1)DUCRET,CHRISTOPHE
2)VOIRON,JACQUES,COTE BARRIER
3)SERAIN, CAROLINE

No of Pages : 16

No of Claims : 21

(57) Abstract :

Method of manufacturing a composite hollow body (1) consisting of an internal coating (2) and of at least one external coating (3) of composite based on thermoplastic and glass, a powder (20) being sprayed onto a support (4) of a shape suited to the shape of the hollow body so as to cover the said support, and a composite heated tape (30) intended to form the external coating of the body is wound around the support (4) covered with powder, the heat of the tape helping to melt the powder.



(54) Title of the invention : HYDRAZIDE-CONTAINING CFTR INHIBITOR COMPOUNDS AND USES THEREOF.

(51) International classification :C07C 251/86
 (31) Priority Document No :60/557,930
 (32) Priority Date :30/03/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/010787
 Filing Date :29/03/2005
 (87) International Publication No :WO 2005/094374
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

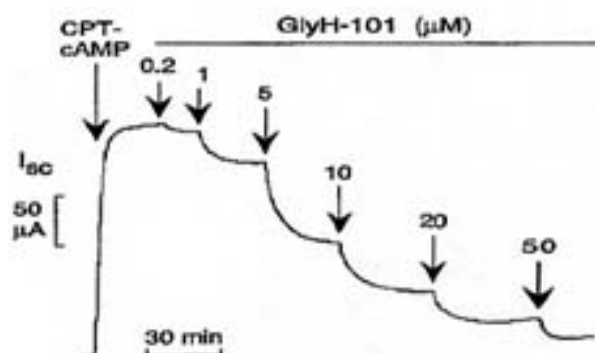
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1)VERKMAN ALAN
2)SONAWANE NITIN DATTATRAYA
3)MUANPRASAT CHATCHAI

No of Pages : 107

No of Claims : 51

(57) Abstract :

The invention provides compositions, pharmaceutical preparations and methods for inhibition of cystic fibrosis transmembrane conductance regulator protein (CFTR) that are useful for the study and treatment of CFTR-mediated diseases and conditions. The compositions and pharmaceutical preparations of the invention may comprise one or more hydrazide-containing compounds, and may additionally comprise one or more pharmaceutically acceptable carriers, excipients and/or adjuvants. The methods of the invention comprise, in certain embodiments, administering to a patient suffering from a CFTR-mediated disease or condition, an efficacious amount of a hydrazide-containing compound. In other embodiments the invention provides methods of inhibiting CFTR that comprise contacting cells in a subject with an effective amount of a hydrazide-containing compound. In addition, the invention features a non-human animal model of CFTR-mediated disease which model is produced by administration of a hydrazide-containing compound to a non-human animal in an amount sufficient to inhibit CFTR.



(54) Title of the invention: CRYSTALLINE POLYMORPHIC FORMS OF MONOSODIUM N-[8-(2-HYDROXYBENZOYL) AMINO] CAPRYLATE.

(51) International classification :C07C 235/46

(31) Priority Document No :60/569,476

(32) Priority Date :06/05/2004

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

(86) International Application No :PCT/US2005/016126

Filing Date :06/05/2005

(87) International Publication No :WO 2005/107462

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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No of Pages : 95

No of Claims : 59

(57) Abstract :

The present invention relates to crystalline polymorphic forms of monosodium N-[8-(2-hydroxybenzoyl)amino] caprylate ("SNAC"), including two hydrates, a methanol solvate, and an ethanol solvate, of SNAC. More specifically, the present invention provide six polymorphic forms of SNAC (hereafter referred to as Forms I-VI). The present invention also provides an amorphous form of SNAC.

(54) Title of the invention: METHODS AND SYSTEMS FOR DETECTION, IDENTIFICATION AND QUANTITATION OF MACROLIDES AND THEIR IMPURITIES.

(51) International classification	:G01N33/50
(31) Priority Document No	:60/568,637
(32) Priority Date	:06/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/016104
Filing Date	:06/05/2005
(87) International Publication No	:WO 2005/108984
(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)LIN,JIN
2)THERRIEN,JOSEPH

No of Pages : 38

No of Claims : 18

(57) Abstract :

The present invention relates to reverse-phase high performance liquid chromatography (RP-HPLC) methods and systems for detecting macrolides as well as detecting, identifying and quantifying impurities in samples containing a macrolide.

(54) Title of the invention: COMBINED MENINGOCOCCAL CONJUGATES WITH COMMON CARRIER PROTEIN.

(51) International classification	:A61K39/095; A61K47/48; G01N33/50;
(31) Priority Document No	:0409745.7
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/IB2005/001536
Filing Date	:29/04/2005
(87) International Publication No	:WO 2005/105141
(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 :VIA FIORENTINA, 1, I-53100 SIENA Italy

(72)Name of Inventor :

1)CONSTANTINO, PAULO

No of Pages : 32

No of Claims: 28

(57) Abstract:

Carrier-induced epitopic suppression is of particular concern where multiple conjugates with the same carrier protein are administered simultaneously. To avoid the suppression, the invention minimises the amount of unconjugated carrier protein in a vaccine. The invention provides a composition for immunising a patient against a disease caused by *Neisseria meningitidis*, wherein (1) the composition comprises conjugates for at least two of the four meningococcal serogroups A, C, W135 and Y, where at least two of the conjugates have a common carrier protein; and (2) the composition includes the common carrier in an unconjugated form at less than 10 µg/ml.

(54) Title of the invention: MULTIPLE SOURCE HIGH PERFORMANCE STEREOGRAPHIC PROJECTION SYSTEM.

(51) International classification

:G03B21/20;
G03B35/20

(31) Priority Document No

:60/568,364

(32) Priority Date

:05/05/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/015856

Filing Date

:05/05/2005

(87) International Publication No

:WO 2005/109091

(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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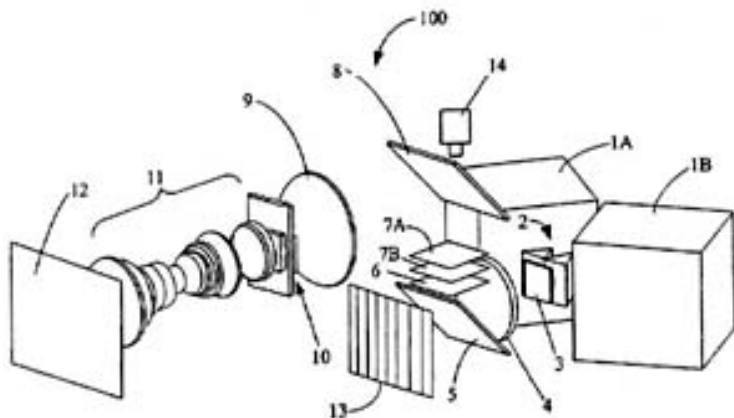
1)READ STEVEN CHARLES**2)O'DOR MATTHEW ARNOLD**

No of Pages : 40

No of Claims : 50

(57) Abstract:

Multiple source high performance stereographic projection systems are described. One projection system described comprises a first projection channel, a first light source capable of providing light for the first projection channel, and a second light source capable of providing light for the first projection channel, wherein when the projection system is in a first presentation mode the first and second light sources are on, and wherein when the projection system is in a second presentation mode the first light source is on and the second light source is at a reduced power.



(54) Title of the invention : A METHOD FOR FORMING A PACKAGING MATERIAL IN MULTI-LAYER BAND.

(51) International classification

:B65B5/10;

B65B9/04

(31) Priority Document No

:BO2004A000213

(32) Priority Date

:14/04/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB2005/000973

Filing Date

:13/04/2005

(87) International Publication No

:WO 2005/100165

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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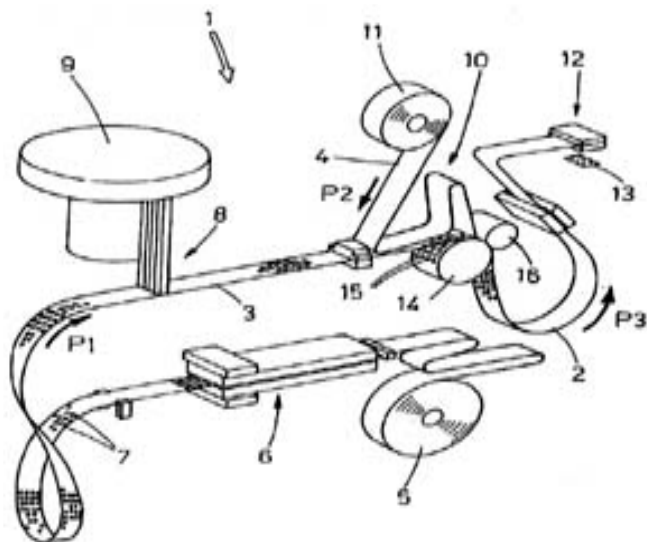
1)BETTI, CLAUDIO**2)TAMPIERI, PIERLUIGI**

No of Pages : 10

No of Claims : 14

(57) Abstract :

A method for forming a packaging material in multi-layer band (2) includes feeding a first band (3) of thermo formable material and at least a second band (4) along respective first and second feeding paths (P1, P2), which extend through a station (10) for joining the first band (3) and the second band (4). The bands (3, 4) are joined, by sealing, in the joining station (10), in order to obtain a third, multi-layer band (2) fed along a third feeding path (P3). Moreover, the method includes another step, during which at least one of the bands (3, 4, 2) undergoes a process for defining a visual, three-dimensional effect image on the band.



(54) Title of the invention : OPEN CONTROL SYSTEM ARCHITECTURE FOR MOBILE AUTONOMOUS SYSTEMS.

(51) International classification :G05B19/04
 (31) Priority Document No :60/564,224
 (32) Priority Date :22/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2005/000605
 Filing Date :22/04/2005
 (87) International Publication No :WO 2005/103848
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

(71)**Name of Applicant :**
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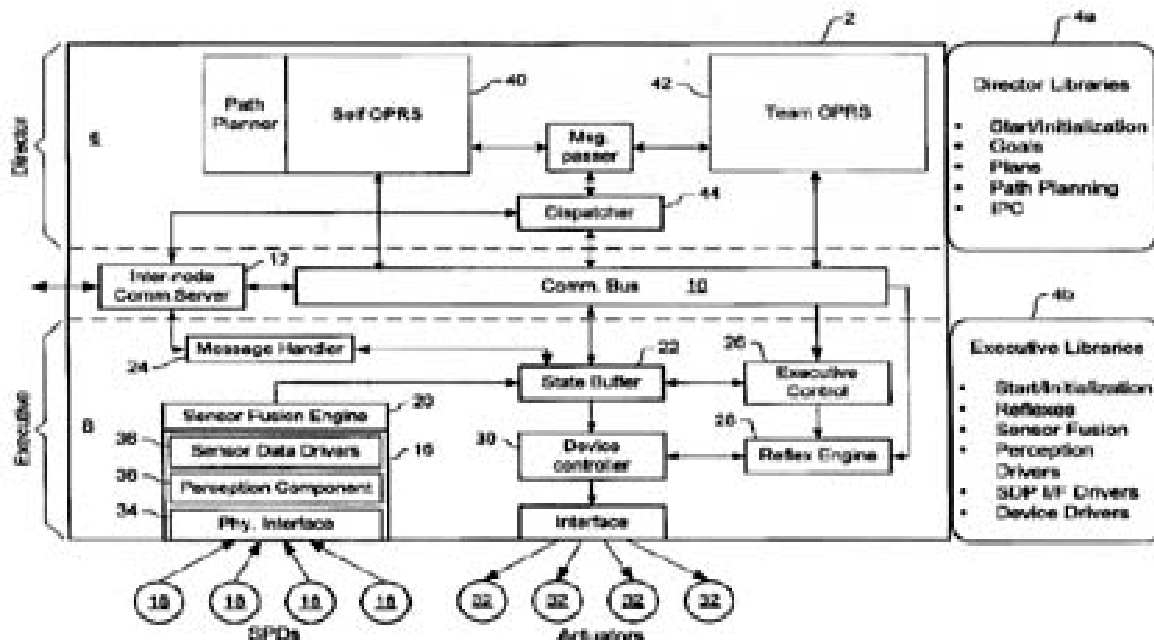
(72)**Name of Inventor :**
1)DEN HAAN ALBERT
2)BALLOTTA FRANCO

No of Pages : 48

No of Claims : 31

(57) Abstract :

A control system for a mobile autonomous system. The control system comprises a generic controller platform including: at least one microprocessor; and a computer readable medium storing software implementing at least core functionality for controlling autonomous system. One or more user-definable libraries adapted to link to the generic controller platform so as to instantiate a machine node capable of exhibiting desired behaviors of the mobile autonomous system.



(54) Title of the invention : PEPTIDE STABILIZATION.

(51) International classification	:C07K14/595; G01N33/68; C07K14/435	(71) Name of Applicant : 1)BIOHIT OYJ Address of Applicant :LAIPPATIE 1,FI-00880 HELSINKI, FINLAND Finland
(31) Priority Document No	:20040655	(72) Name of Inventor :
(32) Priority Date	:10/05/2004	1)SUOVANIEMI OSMO
(33) Name of priority country	:Finland	2)LINNALA AULI
(86) International Application No	:PCT/FI2005/050147	
Filing Date	:09/05/2005	
(87) International Publication No	:WO 2005/108426	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 13

No of Claims : 7

(57) Abstract :

The present invention is directed to the use of DMSO for the stabilization of temperature sensitive peptides, namely gastrin and gastrin related peptides, against degradation in a mammalian biological sample, such as a serum or plasma sample.

(54) Title of the invention : PHARMACEUTICAL SOLUTION FORMULATIONS CONTAINING 17-AAG.

(51) International classification	:A61K31/20; A61K31/33
(31) Priority Document No	:60/570,215
(32) Priority Date	:11/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/016010
Filing Date	:06/05/2005
(87) International Publication No	:WO 2005/110398
(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)ZHONG, ZIYANG
2)LICARI, PETER, J.

No of Pages : 18

No of Claims : 27

(57) Abstract :

A pharmaceutical solution formulation containing 17-AAG in an amount of up to 15 mg/ml dissolved in a vehicle comprising (i) a first component that is ethanol, in an amount of between about 40 and about 60 volume %; (ii) a second component that is a polyethoxylated castor oil, in an amount of between about 15 to about 50 volume %; and (iii) a third component that is selected from the group consisting of propylene glycol, PEG 300, PEG 400, glycerol, and combinations thereof, in an amount of between about 0 and about 35 volume %.

(54) Title of the invention : CONVERSION OF CINEMA THEATRE TO A SUPER CINEMA THEATRE.

(51) International classification	:A63J5/00; E04H3/22
(31) Priority Document No	:10/839,665
(32) Priority Date	:05/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/001216
Filing Date	:04/05/2005
(87) International Publication No	:WO 2005/106161
(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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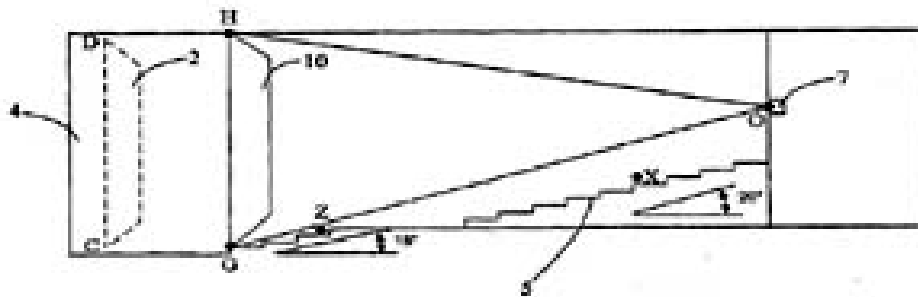
(72) **Name of Inventor :**
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2)BONNICK BRIAN JOHN
3)JACQUES GEORGE ERIC

No of Pages : 25

No of Claims : 12

(57) Abstract :

Methods of and equipment for converting existing standard motion picture theatres to one having highly immersive, large fields of view are addresses. Aspects of the methods including moving motion picture screens closer to the audience and employing different projection equipment to avoid or minimize appearance of unrealistic or nonnatural image artifacts. Alternative sound systems too are detailed.



(54) Title of the invention : 'STARCH TREATMENT PROCESS.'

(51) International classification :A23L1/05,C08B 30/00
 (31) Priority Document No :2004902231
 (32) Priority Date :28/04/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000586
 Filing Date :27/04/2005
 (87) International Publication No :WO 2005/105851
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

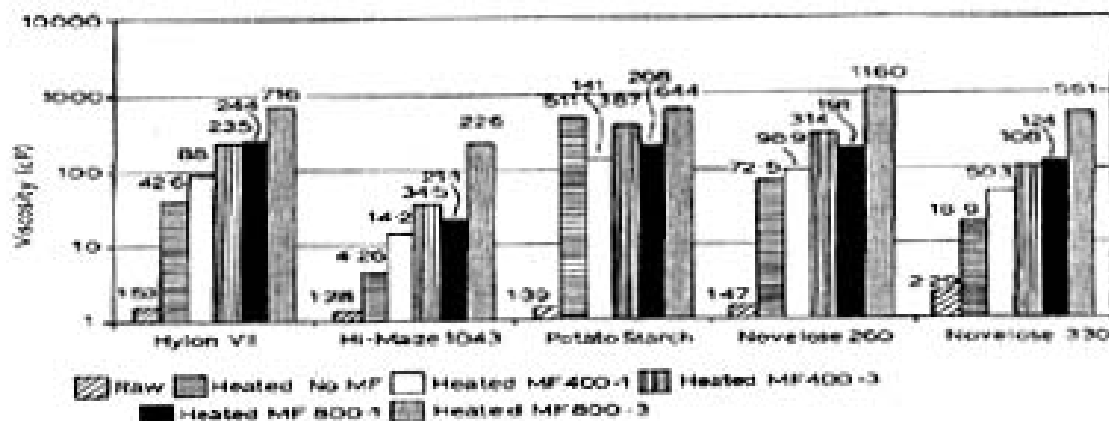
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1)AUGUSTIN,MARY,ANN
2)SANGUANSRI,PEERASAK
3)HTOON,AUNG

No of Pages : 32

No of Claims : 9

(57) Abstract :

High amylose starches are treated to retain resistance while improving water binding properties. Starch functionality is varied by pre-processing of starches by heating and microfluidisation , to create changes in product viscosity, resistant starch content, particle size and molecular weight. The treated starches produce food grade resistant starches which have the ability to bind water, build viscosity, gel and form films. They can be used as fat replacement ingredients.



(54) Title of the invention : METHODS AND SYSTEMS FOR DETECTION OF MACROLIDES.

(51) International classification	:G01N33/00
(31) Priority Document No	:60/568,639
(32) Priority Date	:06/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/015884
Filing Date	:06/05/2005
(87) International Publication No	:WO 2005/108977
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)CHIRON CORPORATION Address of Applicant :4560,HORTON STREET ,EMERYVILLE, CA 94608-2916, UNITED STATES OF AMERICA U.S.A.
(72) Name of Inventor : 1)GRUENKE ,LARRY,D.

No of Pages : 26

No of Claims : 20

(57) Abstract :

The present invention relates to reverse-phase high performance liquid chromatography (RP-HPLC) methods and systems for detecting macrolides such as erythromycylamine and related compounds.

(54) Title of the invention : CRYSTALLINE FORMS OF 9-(S)-ERYTHROMYCYLAMINE.

(51) International classification	:A61K31/7048
(31) Priority Document No	:60/568,638
(32) Priority Date	:06/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/016006
Filing Date	:06/05/2005
(87) International Publication No	:WO 2005/108414
(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)FRECH, PATRICIA
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1)LING, KANGWEN, L
2)OKHAMAFE, AUGUSTUS, O.
3)FRECH, PATRICIA

No of Pages : 52

No of Claims : 38

(57) Abstract :

The present invention provides novel crystalline forms of the macrolide antibiotic 9-(S)-erythromycylamine, and methods of preparing and using the same.

(54) Title of the invention : ALUMINUM MAGNESIUM TITANATE CRYSTAL STRUCTURE, AND PROCESS FOR ITS PRODUCTION.

(51) International classification :C04B 35/478
 (31) Priority Document No :2004-134662
 (32) Priority Date :28/04/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/008226
 Filing Date :28/04/2005
 (87) International Publication No :WO 2005/105704
 (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)FUKUDA MASAOKI
4)YOKO TOSHINOBU
5)TAKAHASHI MASAHIRO

No of Pages : 28

No of Claims : 9

(57) Abstract :

Disclosed is a magnesium aluminum titanate crystal structure which has excellent heat resistance, excellent thermal shock resistance, high thermal decomposition resistance and high mechanical strength and thus can be stably used at varying high temperatures. Also disclosed is a method for producing such a magnesium aluminum titanate crystal structure. Specifically, such a magnesium aluminum titanate crystal structure is characterized by being composed of a solid solution wherein Al atoms are partially substituted with Si atoms in at least the surface layer of the magnesium aluminum titanate crystal structure having a chemical composition: $Mg_xAl_{2(1-x)}Ti_{(1+x)}O_5$ (wherein $0.1 < x < 1$), by having a thermal expansion coefficient between -6×10^{-6} (1/K) and 6×10^{-6} (1/K) when heated to 50-800°C at a heating rate of 20°C/minute, and by having a residual ratio of magnesium aluminum titanate of not less than 50% when maintained in the atmosphere at 1,100°C for 300 hours.

(54) Title of the invention : UNIT, IMAGE FORMING APPARATUS, AND METHOD OF MANUFACTURING UNIT FRAME.

(51) International classification	:G03G 21/18	(71) Name of Applicant :
(31) Priority Document No	:2005-071049	1)RICOH COMPANY LIMITED
(32) Priority Date	:14/03/2005	Address of Applicant :3-6, NAKAMAGOME 1-CHOME OHTA-KU
(33) Name of priority country	:Japan	TOKYO 143-8555 Japan
(86) International Application No	:PCT/JP2006/305067	(72) Name of Inventor :
Filing Date	:08/03/2006	1)TANAKA SHUJI
(87) International Publication No	:WO 2006/098343	2)FUJISHIRO TAKATSUGU
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 54

No of Claims : 12

(57) Abstract :

To provide a unit that can increase positioning precision of a blade member to a rotating member, an image forming apparatus, and a method of manufacturing a unit frame. A first reference surface of a boss provided on a surface of a frame to which a blade is contacted is formed by a first mold that forms a positioning hole for positioning a rotating member. The first reference surface supports the blade member to prevent the blade member from moving to a weight direction. With this arrangement, there is no manufacturing error of the first reference surface due to a mold assembling error. As a result, precision of positioning the blade member to the rotating member can be increased.

(54) Title of the invention : "REMOVABLE IDENTIFICATION DEVICE FOR MULTILAYER TUBULAR STRUCTURES."

(51) International classification	:B65D3/04; B65D59/04
(31) Priority Document No	:10/818,124
(32) Priority Date	:05/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011448
Filing Date	:04/04/2005
(87) International Publication No	:WO 2006/057657
(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)BELLUM,CLIFF 2)LOWRY,JAMES

No of Pages : 24

No of Claims : 26

(57) Abstract :

A multilayer tubular structure for products with an identification device is disclosed. In one embodiment, a resiliently flexible band is biased with respect to the tubular structure, and the identification device, such as a radio frequency identification device, is interposed therebetween.

(54) Title of the invention : HYDRAULIC BINDER.

(51) International classification	:C04B7/21
(31) Priority Document No	:A 600/2004
(32) Priority Date	:05/04/2004
(33) Name of priority country	:Austria
(86) International Application No	:PCT/IB2005/000877
Filing Date	:05/04/2005
(87) International Publication No	:WO 2005/097700
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

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(72)Name of Inventor :

1)KO,Suz-Chung**2)ADLER,Michael****3)GEBAUER,Juraj**

No of Pages : 9

No of Claims : 5

(57) Abstract :

In a hydraulic binder containing slags, aluminium-silicates and calcium sulphate, slag, in particular furnace slag, in amounts below 50% (w/w) as well as aluminium-silicates different from furnace slag, as for example flue-ash and natural aluminium-silicates, as for example basalt or andesite, in amounts of 5 to 75% (w/w) respectively related to the entire blend with the requirement that the sum of slag and aluminium-silicates is between 82 and 95,9% (w/w) and as one of the activators CaSO₄ in amounts between 4 and 15% (w/w) as essential components are present. Additionally alkali activators, in particular alkali hydroxides and/or alkali carbonates of Na and/or K in amounts from 0,1 to 3% (w/w) are deployed.

(54) Title of the invention : HYDRAULIC BINDER.

(51) International classification

:C04B7/21;

C04B28/06

(31) Priority Document No

:A 598/2004

(32) Priority Date

:05/04/2004

(33) Name of priority country

:Austria

(86) International Application No

:PCT/IB2005/000878

Filing Date

:05/04/2005

(87) International Publication No

:WO 2005/097701

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)HOLCIM LTD.Address of Applicant :Hagenholzstrasse 85 CH-8050 Zurich Switzerland.
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(72)Name of Inventor :

1)KO,Suz-Chung**2)KRUSPAN,Peter****3)GEBAUER,Juraj**

No of Pages : 10

No of Claims : 6

(57) Abstract :

In an alkali activated hydraulic binder containing slags and aluminium silicates slag, in particular furnace slag in amounts from > 20% (w/w), aluminium silicates different from furnace slag such as for example flue-ash and natural aluminium silicates, such as for example basalt, clays, marl, andesite or zeolite, in amounts from 5 to 75% (w/w) and an alkali activator in an amount, which corresponds to a Na₂O equivalent defined as (Na₂O + 0,658 K₂O) (ASTM C 150) between 0,7 and 4% (w/w), respectively related to the entire mixture are present in the mixture as constitutive components.

(54) Title of the invention : IMIDAZOLE COMPOUNDS.

(51) International classification :A01N 43/62

(31) Priority Document No :60/556,356

(32) Priority Date :25/03/2004

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

(86) International Application No :PCT/US05/009715

Filing Date :24/03/2005

(87) International Publication No :WO 2005/092066

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :****1)JANSSEN PHARMACEUTICA N.V.**Address of Applicant :Turnhoutseweg 30, B-2340, Beerse Belgium
Belgium(72)**Name of Inventor :****1)BUZARD, Daniel J.****2)EDWARDS, James P.****3)KINDRACHUK, David E.****4)VENABLE, Jennifer D.**

No of Pages : 95

No of Claims : 103

(57) Abstract :

Imidazole compounds, compositions, and methods of using them in leukocyte recruitment inhibition, in modulating H4 receptor expression, and in treating conditions such as inflammation, H4 receptor-mediated conditions, and related conditions.

(54) Title of the invention : MANUAL GRINDING TOOL.

(51) International classification

:B24B9/00;

B24B23/00

(31) Priority Document No

:102004016565.3

(32) Priority Date

:31/03/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE2005/000591

Filing Date

:30/03/2005

(87) International Publication No

:WO 2005/095052

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)STEPHAN RIETHAddress of Applicant :Weimarer Strasse 12,66606 st.Wendel Germany.
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(72)Name of Inventor :

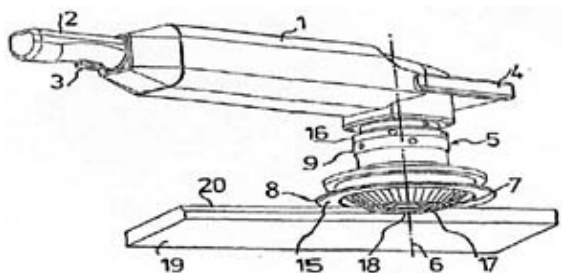
1)STEPHAN RIETH

No of Pages : 15

No of Claims : 14

(57) Abstract :

The invention relates to a manual grinding tool comprising a rotating grinding head (7). The inventive grinding device is characterised by a guiding device that is connected to the grinding tool (8) and can be applied to a workpiece (19) in a sliding and/or rolling manner. The grinding head (7) assumes a fixed position in terms of the guiding device which is used to press the grinding tool against the workpiece (19) in at least one direction without tilting.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3096/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :25/10/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : METHOD OF SYNTHESIS AND ISOLATION OF SOLID N-DESMETHYLCLOZAPINE AND CRYSTALLINE FORMS THEREOF.

(51) International classification	:C07D 243/38
(31) Priority Document No	:60/558,881
(32) Priority Date	:01/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/010876
Filing Date	:31/03/2005
(87) International Publication No	:WO 2006/001866
(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)BERGHAUSEN,JORG
4)BLATTER,FRITZ

No of Pages : 49

No of Claims : 49

(57) Abstract :

Disclosed herein are crystalline Forms A, B, C, D, and E of N-desmethylozapine, methods of preparing the same, pharmaceutical compositions comprising the same, and methods of therapeutic treatment involving N-desmethylozapine polymorphic forms.

(54) Title of the invention : TAMPER-PROOF SEALING CAP.

(51) International classification

:B65D41/34;
B65D50/04

(31) Priority Document No

:04008651.4

(32) Priority Date

:08/04/2004

(33) Name of priority country

:EUROPEAN
UNION

(86) International Application No

:PCT/EP2005/051568

Filing Date

:08/04/2005

(87) International Publication No

:WO 2005/097614

(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 :

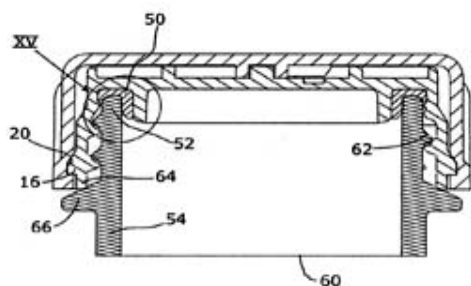
1)GANCIA, Curlo Vittorio Vallarino

No of Pages : 23

No of Claims : 23

(57) Abstract :

A sealing cover particularly suitable for bottles for beverages comprises a sealing element (19) for sealing an outlet opening (60) of a container. Further, the sealing cover comprises a safety element (18) which is cap-shaped, for example, and adapted to be displaced or twisted relative to the sealing element (10) from a closed position into an opening position. Further, an indicating means (34) for indicating the opening position is provided. According to the invention, the indicating means (34) is arranged at an outside (74) of the sealing element (10) or the safety element (18) so that the indicating means (34) is tangible because of the change of position of the indicating means upon transferring it from the closed position into the opening position.



(54) Title of the invention : ARRANGEMENT AND METHOD FOR OPERATING A TECHNICAL INSTALLATION.

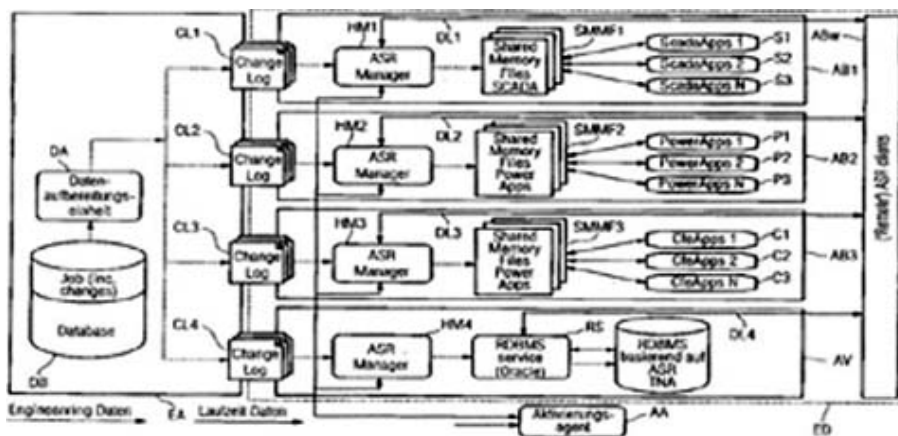
(51) International classification	:G05B19/00	(71) Name of Applicant :
(31) Priority Document No	:60/565,513	1)SIEMENS AKTIENGESELLSCHAFT
(32) Priority Date	:27/04/2004	Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen Germany
(33) Name of priority country	:U.S.A.	Germany
(86) International Application No	:PCT/DE2005/000757	(72) Name of Inventor :
Filing Date	:21/04/2005	1)Claus Kuhner
(87) International Publication No	:WO 2005/106602	2)Martin Schneider
(61) Patent of Addition to Application Number	:NA	3)Lothar Schwab
Filing Date	:NA	4)Bun-Kee Wee
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 21

No of Claims : 20

(57) Abstract :

The invention relates to a computer-assisted arrangement for a technical system comprising a presentation layer with operating surfaces, an application layer containing all applications, a real-time basic processing layer for providing all applications and operating surfaces with information and a data manager for drawing up and maintaining data models for operating and system functions. The aim of the invention is to configure one such arrangement in such a way that the configuration thereof is favorable to extension and offers high availability. According to the invention, the applications in the real-time basic processing layer (EA) are respectively combined to form bundles, wherein the same data model is respectively common to the applications of a bundle; the data of a respective application bundle is stored in an application bundle storage unit in the form of shared memory mapped files (SMMF1 - SMMF3). According to a method for operating an arrangement, the data is stored in the real-time basic processing layer (ED) in an application bundle storage unit as shared memory mapped files (SMM1- SMMF3).)



(54) Title of the invention : NOISE -INSULATING CLADDING FOR A PANELLED HOUSING .

(51) International classification

:G10K11/00;
H02G3/04

(31) Priority Document No

:102004020631.7

(32) Priority Date

:27/04/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE2005/000798

Filing Date

:27/04/2005

(87) International Publication No

:WO 2005/104322

(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 :

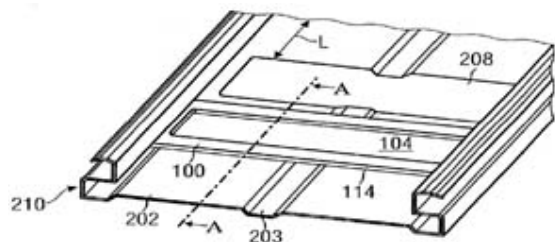
1)ALEFELDER, FRANK,

No of Pages : 12

No of Claims : 14

(57) Abstract :

The invention relates to a noise-insulating cladding for a paneled housing, in particular, for current track housings or for cable channels, whereby the base surface (202), the cover surface (204) and the lateral surfaces (206) of the housing (200) are formed from metal sheet. According to the invention, the cladding is embodied as a material strip (100), applied between two parallel wall pieces (206), lying flat on a wall piece (202), whereby the material strip (100) lies transverse to the longitudinal extension (L) of the housing (200) and is supported between parallel lateral surfaces (206) by means of spring forces.



(54) Title of the invention : WASHING MACHINE EQUIPPED WITH A RADIATION DRYING UNIT.

(51) International classification

:B08B3/12;
D06F25/00

(31) Priority Document No

:10-2004-0031084

(32) Priority Date

:03/05/2004

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2005/001265

Filing Date

:02/05/2005

(87) International Publication No

:WO 2005/106095

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

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(72)Name of Inventor :

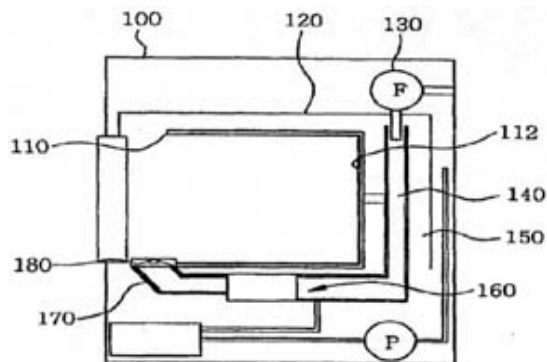
1)Sun Hoo PARK**2)Kyung Hag Kim**

No of Pages : 17

No of Claims : 13

(57) Abstract :

A washing machine equipped with a radiation drying unit includes a rotary drum for accommodating laundry therein, a water tub for accommodating the rotary drum rotatably, a far infrared radiation generator for generating a radiant ray in a far infrared wavelength range, a radiation transmission portion for transmitting the radiant ray generated by the far infrared radiation generator to the rotary drum, a radiation controller for controlling an amount of the radiant ray transmitted from the far infrared radiation generator to the rotary drum, and a convection fan for circulating air by rotating in forward and reverse direction depending on an internal temperature of the rotary drum.



(54) Title of the invention : WASHING MACHINE WITH A DRYING DEVICE

(51) International classification :D06F25/00
 (31) Priority Document No :10-2004-0033526
 (32) Priority Date :12/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001373
 Filing Date :11/05/2005
 (87) International Publication No :WO 2005/121434
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

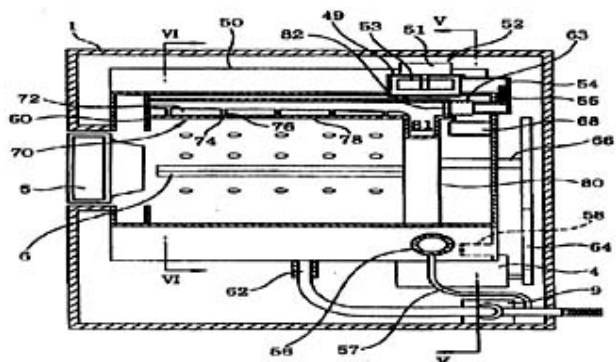
(71)Name of Applicant :
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 Republic of Korea
 (72)Name of Inventor :
1)Kyung Hag, KIM

No of Pages : 22

No of Claims : 9

(57) Abstract :

A washing machine includes a water tub (50) for accommodating wash water therein; a drum (60) rotatably installed in the water tub; (50) and a drying device for supplying a hot air into the drum. The drying device includes a blower unit (52) for forcing air to flow; a hot air supply duct (54) for generating the hot air, the hot air supply duct having a heater (55) therein and being connected to the blower unit; (52) and at least one hot jetting portion (70) for jetting the hot air generated by the drum, (60) each of the hot air jetting portion (70) having a hot air supply line (72) for guiding a flow of the hot air and a plurality of nozzles (76) connected to the hot air supply line (72) to communicate with the hot air supply line (72)]



(54) Title of the invention : SKIN-PROTECTING ALKALINITY-CONTROLLING COMPOSITION AND THE USE THEREOF.

(51) International classification :A61K 7/48
 (31) Priority Document No :PA200400649
 (32) Priority Date :26/04/2004
 (33) Name of priority country :Denmark
 (86) International Application No :PCT/DK2005/000285
 Filing Date :26/04/2005
 (87) International Publication No :WO 2005/102262
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

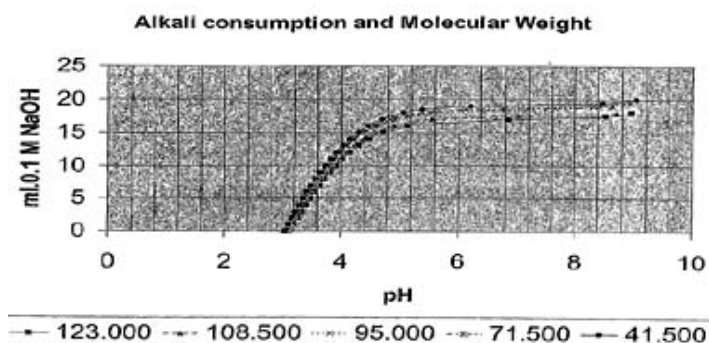
(71)**Name of Applicant :**
1)CP KELCO APS
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 DENMARK Denmark
 (72)**Name of Inventor :**
1)TRUDSO, JENS ESKIL

No of Pages : 101

No of Claims : 26

(57) Abstract :

A skin-protecting alkalinity-controlling composition comprises one or more carboxylic acid polysaccharides. Said compositions are capable of providing buffering, and thus avoiding a major increase in the pH of an aqueous system and/or are capable of reducing the pH of aqueous systems, in which alkalinity is formed as a result of chemical and/or biological reactions. The compositions may be used in personal care products, such as skin creams and lotions, hygiene products, wound care products, fabric treating products etc.



(54) Title of the invention : PROCESS FOR PRODUCING HETEROPHASIC (ALPHA)-OLEFIN POLYMERS

(51) International classification	:C08F 10/00
(31) Priority Document No	:04012108.9
(32) Priority Date	:21/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/005405
Filing Date	:18/05/2005
(87) International Publication No	:WO 2005/113613
(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)DENIFL PETER
2)LEINONEN TIMO
3)VESTBERG TORVALD

No of Pages : 37

No of Claims : 43

(57) Abstract :

The present invention relates to novel processes for producing heterophasic alpha-olefin compositions, and more specifically to copolymer compositions of propylene produced in a multi-stage process using specified catalysts. The polymers obtained from the process have uniform quality and properties which make them suitable for a wide range of applications.

(54) Title of the invention : USE OF TREPROSTINIL TO TREAT NEUROPATHIC DIABETIC FOOT ULCERS.

(51) International classification	:A61K31/192
(31) Priority Document No	:60/561,157
(32) Priority Date	:12/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/012471
Filing Date	:12/04/2005
(87) International Publication No	:WO 2005/099680
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)UNITED THERAPEUTICS, INC. Address of Applicant :1735, CONNECTICUT AVENUE, N.W., THIRD FLOOR, WASHINGTON, DC. 20009 U.S.A.
(72) Name of Inventor : 1)WADE,MICHAEL 2)JEFFS, ROGER ANDREW 3)STROOTMAN, DEBORAH

No of Pages : 19

No of Claims : 19

(57) Abstract :

The present invention describes novel methods for using 9-deoxy-2', 9-(alpha)-methano-3-oxa-4,5,6-trinor-3,7-(1',3"-inierphenylene)-13,14-dihydro-prostaglandin F1 (also known asTreprostinil) or its derivative, or a pharmaceutically acceptable salt thereof, for the treatment and/or prevention of foot ulcers in subjects with diabetic neuropathy. The invention also relates to kits for treatment and/or prevention of foot ulcers, comprising an effective amount of treprostinil or its derivative, or a pharmaceutically acceptable salt thereof.

(54) Title of the invention : METHOD AND APPARATUS FOR CONTROLLING ACCESS TO A MULTIMEDIA BROADCAST/ MULTICAST SERVICE.

(51) International classification	:H04L 12/26
(31) Priority Document No	:60/566,275
(32) Priority Date	:29/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/015141
Filing Date	:29/04/2005
(87) International Publication No	:WO 2007/050046
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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SCHAUMBURG ILLINOIS 60196 U.S.A. U.S.A.
(72)**Name of Inventor :**
1)CAI ZHIJUN
2)CHEN BONNIE

No of Pages : 22

No of Claims : 13

(57) Abstract :

A Multimedia Broadcast/Multicast Service (MBMS) application server (122) in a packet data communication system (100) produces multiple access control parameters that at least partially identify a storage location of MBMS data and that define when a user equipment may access the stored MBMS data. The multiple access control parameters are then distributed to user equipment (UE) (102) subscribed to the MBMS service. When a subscribed UE fails to receive, or erroneously receives, MBMS data associated with the MBMS service, the subscribed UE uses the distributed access control parameters to determine when and where to access the stored MBMS data.

(54) Title of the invention : HANDHELD ELECTRONICS DEVICE HAVING PIVOTAL HINGE MECHANISM.

(51) International classification :H04M1/02
 (31) Priority Document No :10/832,008
 (32) Priority Date :26/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/011137
 Filing Date :31/03/2005
 (87) International Publication No :WO 2005/109838
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

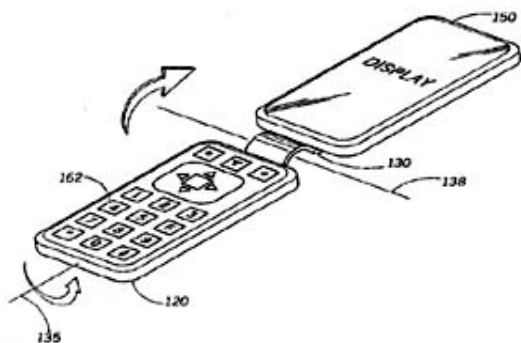
(71)**Name of Applicant :**
1)MOTOROLA, INC.
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 (72)**Name of Inventor :**
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2)OLIVER MARK W.

No of Pages : 25

No of Claims : 19

(57) Abstract :

A handheld electronics device having a display (150) on a first housing portion (110) and a keypad (162) on a second housing portion (120), a hinge member (130) includes a first portion member (132) pivotally coupled to the first housing portion and a second portion (134) pivotally coupled to the second housing portion. The display and/or keypad may be configured in either a landscape or portrait configuration upon opening the hinge member depending upon where the hinge member is pivoted relative to the housing portions.



(54) Title of the invention : "ANTIVIRAL AGENTS"

(51) International classification :A61K31/352
 (31) Priority Document No :2004901755
 (32) Priority Date :31/03/2004
 (33) Name of priority country :Australia
 (86) International Application No :PCT/AU2005/000453
 Filing Date :31/03/2005
 (87) International Publication No :WO 2005/095376
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

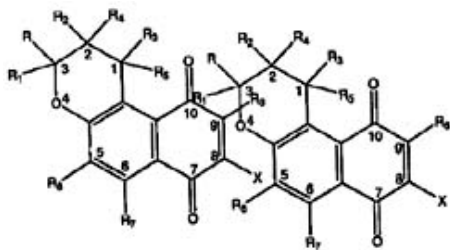
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2)CROSBY IAN
3)JONES ERIC DALE
4)BOURKE DAVID GERARD
5)JEYNES TYRONE PIETER
6)COX SUSAN

No of Pages : 61

No of Claims : 12

(57) Abstract :

The present invention provides a method of treatment or prophylaxis of hepatitis B virus in a subject comprising administering an effective amount of a compound of formula (I) or a pharmaceutically acceptable derivative, salt or prodrug thereof. In addition, there is provided compounds of formula (1) and pharmaceutical compositions thereof. Further, methods of preparing compounds of formula (1) are disclosed.



(54) Title of the invention : CEMENTED CARBIDE BODY MATERIALS FOR EARTH BORING BITS.

(51) International classification :E21B 10/46
 (31) Priority Document No :60/566,063
 (32) Priority Date :28/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/014742
 Filing Date :28/04/2005
 (87) International Publication No :WO 2005/106183
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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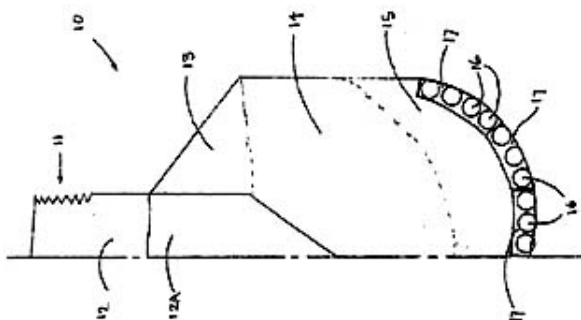
1)MIRCHANDANI, PRAKASH, K**2)EASON, JIMMY, W****3)OAKES, JAMES,J****4)WESTHOFF, JAMES, C.****5)COLLINS, GABRIEL, B****6)CLADWELL, STEVEN, G.****7)STEVENS, JOHN,H.****8)MOSCOW, ALFRED,J**

No of Pages : 44

No of Claims : 65

(57) Abstract :

The present invention relates to compositions and methods for forming a bit body for an earth-boring bit. The bit body may comprise hard particles, wherein the hard particles comprise at least one carbide, nitride, boride, and oxide and solid solutions thereof, and a binder binding together the hard particles. The binder may comprise at least one metal selected from cobalt, nickel, and iron, and, optionally, at least one melting point reducing constituent selected from a transition metal carbide in (he range of (30) to (CO) weight percent, boron up to (10) weight percent, silicon up to (20) weight percent, chromium up to (20) weight percent, and manganese up to (25) weight percent, wherein the weight percentages are based on the total weight of the binder. In addition, the hard particles may comprise at least, one of (i) cast carbide (WC + W₂C) particles, (ii) transition metal carbide particles selected from the carbides of titanium, chromium, vanadium, zirconium, hafnium, tantalum, molybdenum, niobium, and tungsten, and (iii) sintered cemented carbide particles.



(54) Title of the invention : RETRACTABLE FINNING TOOL AND METHOD OF USING .

(51) International classification :B23P 15/26, 9/00
 (31) Priority Document No :60/570,858
 (32) Priority Date :13/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US20005/016963
 Filing Date :13/05/2005
 (87) International Publication No :WO 2005/114086
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

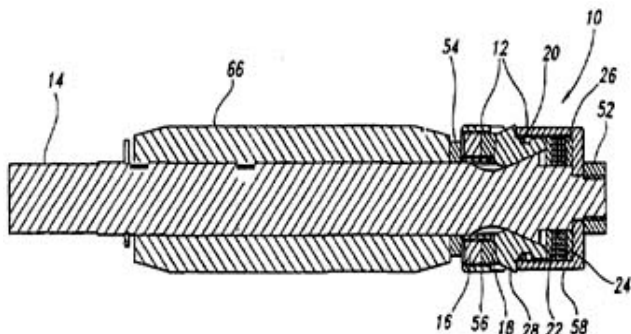
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1)THORS, PETUR
2)KOUSE,BRUCE
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No of Pages : 24

No of Claims : 18

(57) Abstract :

An improved tool (10) and method for enhancing the surface of a heat transfer tube (62) are provided. The tool (10), which can be easily added to existing manufacturing equipment, includes cutting bits (28) that may be retracted with a housing (12). The cutting bits (28) include a cutting edge (32) to cut through the surface of a tube (62) and a lifting edge (34) to lift the surface of the tube (62) to form protrusions. A method for enhancing the inner surface of the tube includes mounting a tool (10) on a shaft (14), positioning the tool (10) in the tube (62) and causing relative rotation and axial movement between the tube (62) and the tool (10) to cut at least partially through at least one ridge formed along the surface of the tube to form ridge layers and lift the ridge layers to form protrusions.



(54) Title of the invention : MANAGED MICROCELL WIRELESS MESH NETWORK ARCHITECTURE.

(51) International classification

:H04B7/00;

H04L12/28

(31) Priority Document No

:10/835,265

(32) Priority Date

:30/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/014858

Filing Date

:29/04/2005

(87) International Publication No

:WO 2005/109790

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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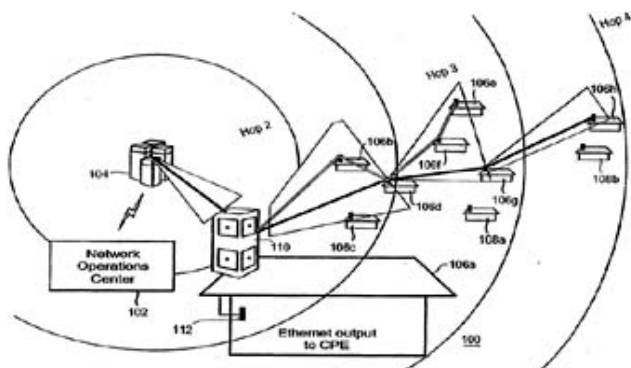
1)GOLDEN,MICHAEL**2)BLAIR, WILLIAM****3)BLAIR, WILLIAM**

No of Pages : 39

No of Claims : 20

(57) Abstract :

A wireless network with tiered centralized control is provided. The wireless network includes a controlling node and a plurality of participant nodes. Each participant node includes an electronically steerable antenna. The plurality of participant nodes report various network information to the controlling node, such as interference and throughput measurements. The controlling node examines the network topology and provides instructions to one or more participant nodes in order to optimize the network. The instructions can include transmit and receive antenna pointing directions, assigned frequency/channel, and the amount of transmit power to use between specific participant nodes. The optimization of the network is performed to deterministically manage the capacity and reliability of the network by managing the multi-hop paths of the network so that no single path becomes congested while other paths within the network remain underutilized and to heal the network by creating new physical layer and logical layer paths around unexpected obstacles, interference, and/or broken nodes.



(54) Title of the invention : MULTIPATH SEARCH METHOD AND APPARATUS .

(51) International classification	:H04B1/707
(31) Priority Document No	:0410617.5
(32) Priority Date	:12/05/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/001798
Filing Date	:11/05/2005
(87) International Publication No	:WO 2005/109663
(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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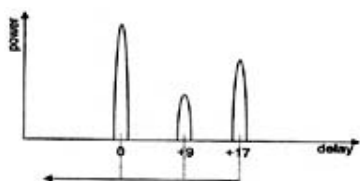
1)FRANCESC,BOIXADERA ESPAX

No of Pages : 13

No of Claims : 20

(57) Abstract :

A method of updating a multipath search that has located one or more multipath component peaks in a received signal, the method comprising repeating the search using a delay spread window extending either back from the latest peak or forward from the earliest peak.



(54) Title of the invention : HEAT EXCHANGER SYSTEM USED IN STEEL MAKING

(51) International classification :C21B 3/00, C21C 1/00
 (31) Priority Document No :10/828,044
 (32) Priority Date :20/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/007536
 Filing Date :08/03/2005
 (87) International Publication No :WO 2005/106048
 (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 :

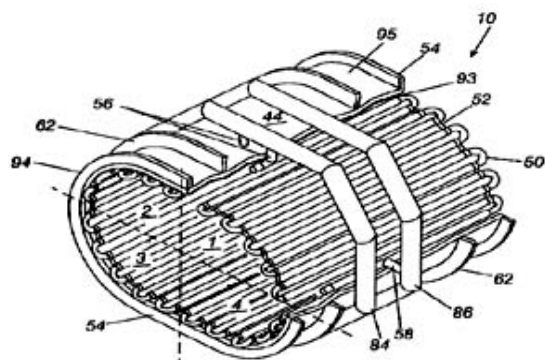
1)MANASEK, Richard, J**2)KINCHELOE,David,P.**

No of Pages : 31

No of Claims : 68

(57) Abstract :

A heat exchanger system (44) for iron making furnaces and their supporting exhaust and cooling systems including at least on panel (1-4) of sinuously winding piping (50) having an inlet (56) and outlet (58) with attached input (84) and output (86) manifolds, a cooling fluid flowing through the piping (50) and a stream of hot exhaust gases flowing over the piping (50).



(54) Title of the invention : CORE-SHELL CATALYST, ITS PREPARATION AND USE THEREOF FOR FISCHER-TROPSCH SYNTHESIS

(51) International classification

:B01J23/60;
B01J23/80

(31) Priority Document No

:10/836,445

(32) Priority Date

:30/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US

Filing Date

2005/014228

(87) International Publication No

:WO

2005/116167

(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)BAIJENSE, CORNELLS, ROELAND**2)BAIJENSE, Cornelis, Roeland****3)JOHNSON, Geoffrey****4)MOINI,Ahmed**

No of Pages : 19

No of Claims : 10

(57) Abstract :

The present invention relates to a Catalyst comprising a, preferably oxidic, core material, a shell of zinc oxide around said core material, and a catalytically active material in or on the shell, based on one or more of the metals cobalt, iron, ruthenium and/or nickel, preferably a Fischer-Tropsch catalyst, to the preparation of such a catalyst and the use thereof in GTL process.

(54) Title of the invention : METHOD FOR FABRICATING AN OPTICAL FIBER, PREFORM FOR FABRICATING AN OPTICAL FIBER OPTICAL FIBRE AND APPARATUS

(51) International classification :C03B37/012
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/CH2004/000261
 Filing Date :27/04/2004
 (87) International Publication No :WO 2005/102946
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

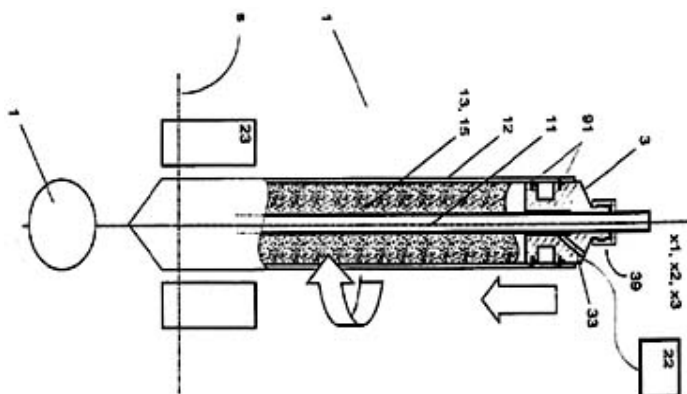
(71)**Name of Applicant :**
1)DATWYLER FIBER OPTICS SA
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 (72)**Name of Inventor :**
1)PEDRIDO, CARLOS

No of Pages : 18

No of Claims : 10

(57) Abstract :

The method for fabricating an optical fiber comprises the steps of inserting a primary optical fiber preform (11) having a first primary axis (x1) and an outer surface (111) into an overcladding tube (12) having a second primary axis (x2) and an inner surface (120), so that said outer surface and inner surface define an interior space (15), holding the primary preform (11) in acentrally inserted position within the overcladding tube (12) with said first and second primary axes (x1, x2) in substantial alignment with each other, supplying overcladding grain (13) into the interior space (15) that is limited at the lower end of the overcladding tube (12) by means of a closure (125); generating a condition of reduced pressure within the interior space (15) that is limited at the upper end of the overcladding tube (12) by means of an adjoiner (3), which holds the primary optical fiber preform (11) and the overcladding tube (12) in position; and heating the unprocessed secondary preform (1), that consists of the primary preform (11), the overcladding tube (12) and the overcladding grain (13), at its lower end to a softened state and simultaneously or subsequently drawing an optical fiber therefrom.



(54) Title of the invention : OPTICAL FIBER AND ITS PREFORM AS WELL AS METHOD AND APPARATUS FOR FABRICATING THEM

(51) International classification :C03B37/012
 (31) Priority Document No :PCT/CH04/000261
 (32) Priority Date :27/04/2004
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/CH2005/000106
 Filing Date :22/02/2005
 (87) International Publication No :WO 2005/102947
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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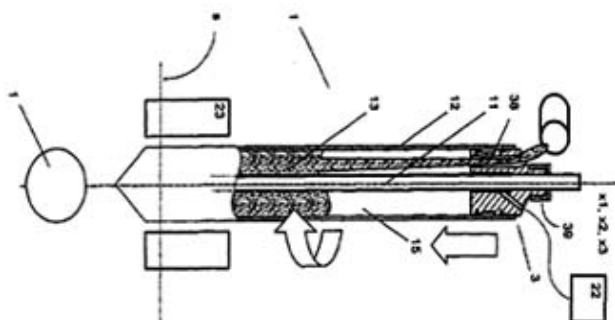
(72)**Name of Inventor :**
1)PEDRIDO, CARLOS
2)CARLOS

No of Pages : 32

No of Claims : 19

(57) Abstract :

The method for fabricating an optical fibre comprises the steps of inserting a primary optical fibre preform (11) having a first primary axis (x1) and an outer surface (111) into an overcladding tube (12) having a secondary primary axis (x2) and an inner surface (120), so that said outer surface and inner surface define an interior space (15); holding the primary perform (11) in a centrally inserted position within the overcladding tube (12) with said first and second primary axes (x1, x2) in substantial alignment with each other; supplying overcladding grain (13) into the interior space (15) that is limited at the lower end of the overcladding tube (12) by means of a closure (125); generating a condition of reduced pressure within the interior space (15) that is limited at the upper end of the overcladding tube (12) by means of an adjoiner (3), which holds the primary optical fibre preform (11) and the overcladding tube (12) in position; and heating the unprocessed secondary preform (1), that consists of the primary preform (11), the overcladding tube (12) and the overcladding grain (13), at its lower end to a softened state and simultaneously or subsequently drawing an optical fibre therefrom.



(54) Title of the invention : PROBE AND PRIMER FOR TUBERCLE BACILLUS DETECTION, AND METHOD OF DETECTING HUMAN TUBERCLE BACILLUS THEREWITH

(51) International classification

:C12N15/09;
C12Q1/68

(31) Priority Document No

:2004-129272

(32) Priority Date

:26/04/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/007700

Filing Date

:22/04/2005

(87) International Publication No

:WO 2005/103249

(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)TOMOKAZU ISHIKAWA

No of Pages : 73

No of Claims : 28

(57) Abstract :

An object of the present invention is to provide a novel primer and probe for detecting tubercle bacillus capable of avoiding false positive, and an easy-to-use, rapid and high-sensitivity method for detecting human tubercle bacillus (*Mycobacterium tuberculosis*) using the same. The present invention relates to an oligonucleotide comprising a part of or an entire sequence of the nucleic acid sequence described in SEQ ID NO:1, SEQ ID NO:2, SEQ ID NO:3, SEQ ID NO:4, SEQ ID NO:5, SEQ ID NO:6, SEQ ID NO:7 or SEQ ID NO:8, or a part of or an entire sequence of the complementary sequence thereof, wherein the oligonucleotide has a property of hybridizing with the nucleic acid sequence of IS6110 gene in *Mycobacterium tuberculosis*, a primer and a probe containing the oligonucleotide for detecting *Mycobacterium tuberculosis*, and a method for detecting *Mycobacterium tuberculosis* using the primer and the probe.

(54) Title of the invention : METHOD FOR RECEIVING BROADCAST SERVICE USING BROADCAST ZONE IDENTIFIER IN A MOBILE COMMUNICATION SYSTEM

(51) International classification :H04B7/26
 (31) Priority Document No :32412/2004
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001343
 Filing Date :07/05/2005
 (87) International Publication No :WO 2005/109695
 (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)Geun-Hwi LIM

3)Beom-Sik BAE

4)Jung-Soo JUNG

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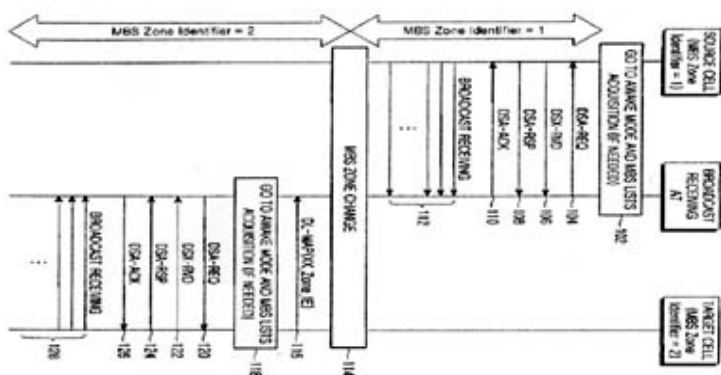
7)Jung-Je SON

No of Pages : 23

No of Claims : 19

(57) Abstract :

Disclosed is a method for providing a broadcast service in a mobile communication system including a plurality of cells. The method includes transmitting broadcast program information related to available broadcast programs, broadcast-related information needed for receiving the available broadcast programs, and broadcast zone identification information, to an access terminal; and transmitting the broadcast service to the access terminal.



(54) Title of the invention : METHOD AND SYSTEMS FOR VERIFYING THE POSITION AND STATUS OF HIERARCHICALLY ARRANGED OBJECTS

(51) International classification :G06K7/00;
G06K17/00
(31) Priority Document No :10/868,294
(32) Priority Date :14/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/003723
Filing Date :03/02/2005
(87) International Publication No :WO 2006/001845
(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 :

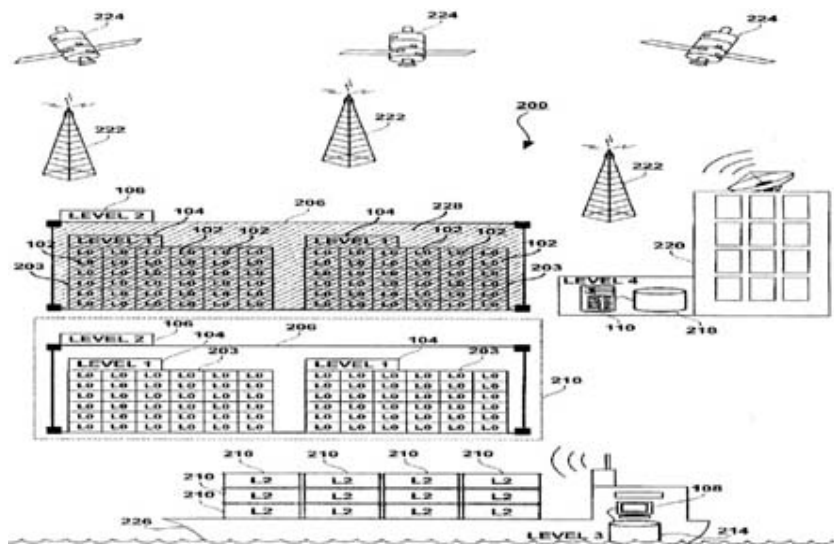
1)JOHNSON, RICHARD, C

No of Pages : 31

No of Claims : 57

(57) Abstract :

A tracking system for tracking a plurality of items or boxes of items defined a plurality of levels that may be physically and logically organized in a hierarchy. Each level of the hierarchy only communicates with the next hierarchically lower level (if it exists) and/or a next hierarchically higher level (if it exists). The lowest hierarchical level includes a wireless tag coupled to each of the plurality of items. Each of the wireless tags may be configured to provide a unique identifier when queried. Remaining hierarchical levels may each include one or more uniquely identified computing devices that are configured to query the wireless tags or computing devices of the next hierarchically lower level, to store information including the unique identifier and any other information provided by the queried next hierarchically lower level and to provide the stored information to the computing device(s) of the next hierarchically higher level (if it exists). A sealed box or document may form a part of the hierarchy and may include a conductive seal mesh coupled to a wireless tag, repeater or computing device that is configured to report the state of the conductive mesh.



(54) Title of the invention : METHOD OF DESIGNING FOLD LINES IN SHEET MATERIAL

(51) International classification :B21D 5/00
 (31) Priority Document No :10/821,818
 (32) Priority Date :08/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012052
 Filing Date :07/04/2005
 (87) International Publication No :WO 2005/099925
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

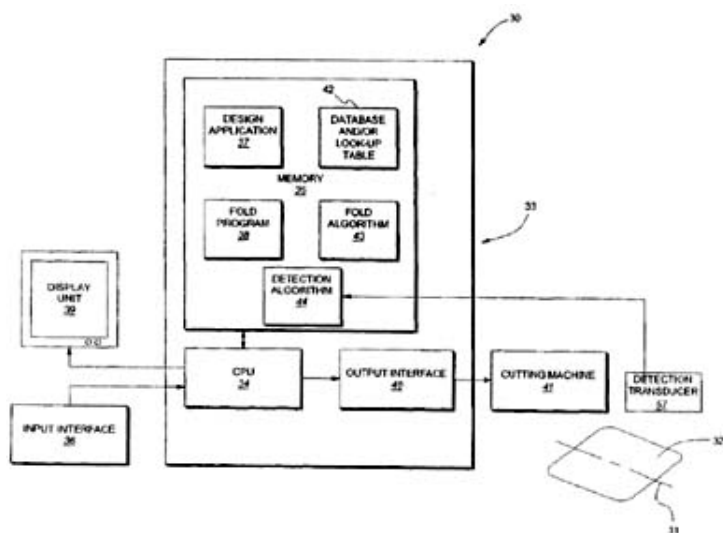
(71)Name of Applicant :
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 Address of Applicant :487 Bryant Street San Francisco, California 94107
 U.S.A.
 (72)Name of Inventor :
1)DURNEY , Max, W
2)PENDLEY, Alan, D.

No of Pages : 52

No of Claims : 40

(57) Abstract :

A method of designing fold lines in sheet material includes the steps defining the desired fold line in a parent plane on a drawing system, and populating the fold line with a fold geometry including a series of cut zones that define a series of connected zones configured and positioned relative to the fold line whereby upon folding the material along the fold line produces edge-to-face engagement of the material on opposite sides of the cut zones. Alternatively, the method may include the steps storing a plurality of cut zone configurations and connected zone configurations having differing dimensions and/or shapes, defining a desired fold line in a parent plane on a drawing system, selecting a preferred cut zone and/or a preferred connected zone which have a desired shape and scale, locating a preferred fold geometry along the fold line, the preferred fold geometry including the selected cut zone and the selected connected zone, a relocating, rescaling and/or reshaping.



(54) Title of the invention : VACUUM DEPOSITION PROCESS

(51) International classification	:C23C 14/46
(31) Priority Document No	:0404204
(32) Priority Date	:21/04/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/050250
Filing Date	:15/04/2005
(87) International Publication No	:WO 2005/106070
(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 :18 Avenue d'Alsace F-92400 Courbevoie France

(72)**Name of Inventor :**
1)NADAUD, Nicolas
2)MATTMAN, Eric

No of Pages : 28

No of Claims : 20

(57) Abstract :

Vacuum deposition process for depositing at least one thin film on a surface portion of a substrate, characterized in that: at least one sputtering species that is chemically inactive or active with respect to a material to be sputtered is selected; a collimated beam of ions comprising predominantly said sputtering species is generated using at least one linear ion source positioned within an installation of industrial size; said beam is directed onto at least one target based on the material to be sputtered; and at least one surface portion of said substrate is positioned so as to face said target in such a way that said material sputtered by the ion bombardment of the target or a material resulting from the reaction of said sputtered material with at least one of the sputtering species is deposited on said surface portion.

(54) Title of the invention : PROCESS FOR PRODUCING OPTICAL INFORMATION RECORDING MEDIUM AND INITIALIZATION DEVICE

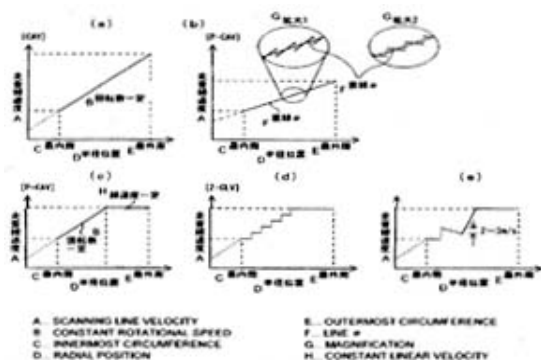
(51) International classification	:G11B 7/0055, 7/125	(71)Name of Applicant :
(31) Priority Document No	:2004-128538	1)MITSUBISHI KAGAKU MEDIA CO.,LTD.
(32) Priority Date	:23/04/2004	Address of Applicant :31-19 SHIBA 5-CHOME MINATO-KU TOKYO
(33) Name of priority country	:Japan	108-0014 Japan
(86) International Application No	:PCT/JP2005/007650	(72)Name of Inventor :
Filing Date	:21/04/2005	1)HASHIZUME TAKAO
(87) International Publication No	:WO 2005/104102	2)OHNO TAKASHI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 190

No of Claims : 21

(57) Abstract :

A method for producing an optical information recording medium having good initial crystallization state by per-forming initial crystallization at high linear velocity (about 25 m/s or above in concrete terms) higher than an erasable linear velocity of the optical information recording medium. The method for producing an optical information recording medium having a phase change recording layer on a disc-like substrate comprises a step for obtaining a recording medium on which a recording layer is formed, and a step for initially crystallizing the recording layer by scanning the recording medium in the circumferential direction with a light spot formed by irradiating the recording layer with a focusing light. In the initial crystallization step, linear velocity is gradually increased toward the outer circumferential part of the recording medium when it is scanned with a light spot in the circumferential direction and intensity of the focusing light is increased as the scanning linear velocity is increased, thus initially crystallizing the entire surface of the initial crystallization area.



(54) Title of the invention : METHOD FOR RATE CONTROL SIGNALING TO FACILITATE UE UPLINK DATA TRANSFER

(51) International classification :H04Q 7/20
 (31) Priority Document No :60/568,199
 (32) Priority Date :05/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/013421
 Filing Date :19/04/2005
 (87) International Publication No :WO 2005/112485
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

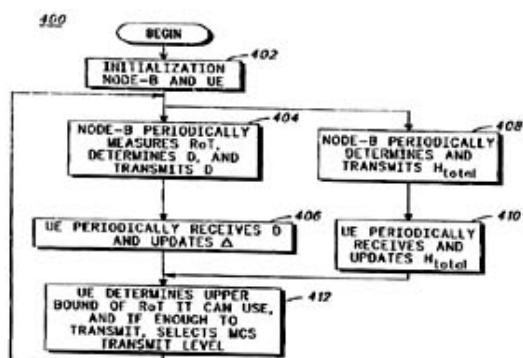
(71)**Name of Applicant :**
1)MOTOROLA, INC.
 Address of Applicant :1303 EAST ALGONQUIN ROAD
 SCHAUMBURG ILLINIOS 60196 U.S.A.
 (72)**Name of Inventor :**
1)XIAO WEIMIN
2)GHOSH AMITAVA
3)LOVE ROBERT T.
4)RATASUK RAPEEPAT
5)RATASUK RAPEEPAT

No of Pages : 34

No of Claims : 17

(57) Abstract :

Embodiments described herein address the desire to have a method for uplink rate control signaling that is able to achieve increased sector and user throughput with relatively high uplink spectrum efficiency. Rate control signaling embodiments are disclosed that use two common persistence values (404, 408) to update the allocated portion of RoT margin for each UE device, and thus, reduce the variation of the RoT. In addition, SIO information is used to control the inter-sector/cell interference and improve the sector throughput. In such embodiments, each UE determines (412) the data rate and time to transmit according to these common persistence values, SHO status and buffered data. Throughput comparable to that of time and rate schedulers, which require significantly more signaling and information, can be achieved by some of these embodiments while also exhibiting less sensitivity to delay, speed of the UE, and burstiness of the traffic.



(54) Title of the invention : DISPOSABLE BREAST CUP SET

(51) International classification :A61J 9/00
 (31) Priority Document No :PCT/CH04/000334
 (32) Priority Date :03/06/2004
 (33) Name of priority country :Switzerland
 (86) International Application No :PCT/CH2005/000298
 Filing Date :26/05/2005
 (87) International Publication No :WO 2005/118023
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

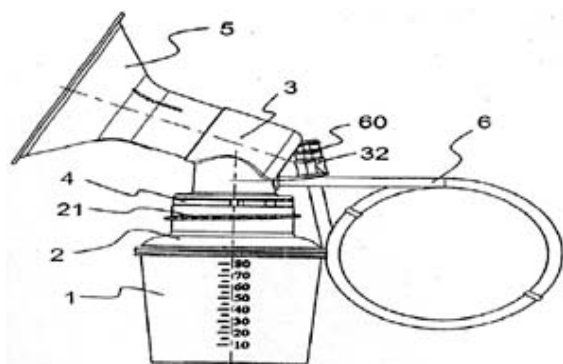
(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
1)KREBS, YVONNE
2)VOGELIN, STEFAN
3)STADELMANN, URS

No of Pages : 31

No of Claims : 14

(57) Abstract :

The invention relates to a disposable breast cup set which comprises a coupling element (2) to be coupled to a milk collection receptacle (1) and a breast cup connecting element (3) to be coupled to a breast cup funnel (5). The coupling element (5) and the breast cup connecting element (3) are interlinked via a tamper-evident element (4), said connection being destroyed when the coupling element (2) is for the first time separated from the breast cup connecting element (3) and preventing re-use of the set.



(54) Title of the invention : COATING COMPOSITIONS

(51) International classification :B05D 7/24,
 (31) Priority Document No :0410749.6
 (32) Priority Date :14/05/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/001828
 Filing Date :13/05/2005
 (87) International Publication No :WO 2005/110626
 (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)LEADLEY STUART ROBERT
3)O'NEILL LIAM
4)DUFFIELD PAUL JOHN
5)MCKECHNIE MALCOLM TOM
6)PUGH SIMON

No of Pages : 54

No of Claims : 38

(57) Abstract :

A method for forming an active material containing coating on a substrate, which method comprises the steps of: i) introducing one or more gaseous or atomised liquid and/or solid coating-forming materials which undergo chemical bond forming reactions within a plasma environment and one or more active materials which substantially do not undergo chemical bond forming reactions within a plasma environment, into an atmospheric or low pressure non-thermal equilibrium plasma discharge and/or an excited gas stream resulting therefrom, and ii) exposing the substrate to the resulting mixture of atomised coating-forming and at least one active material which are deposited onto the substrate surface to form a coating; wherein the substrate is not a wipe, cloth or sponge for household care or depilatory care or a water solute household cleaning unit dose product.

(54) Title of the invention : STRUCTURAL CONNECTION OF A MOTOR AND GEAR UNIT

(51) International classification :F16H57/02
 (31) Priority Document No :0410784.3
 (32) Priority Date :13/05/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/BE2005/000072
 Filing Date :11/05/2005
 (87) International Publication No :WO 2005/111470
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

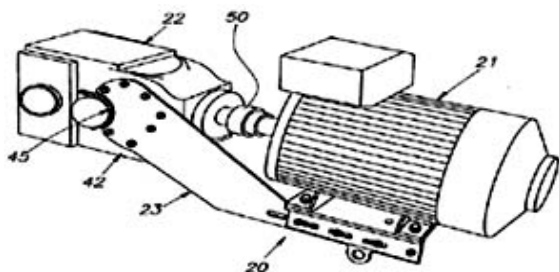
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 EDEGEM Belgium
 (72)**Name of Inventor :**
1)LEIMAANN, DIRK, OLAF

No of Pages : 16

No of Claims : 34

(57) Abstract :

A structural connector (23) for providing a structural interconnection between the housing of a gear unit (21) and the housing of an electric motor (20), said structural connector (23) being of a modular type comprising a base member (29) adapted for connection to at least one of the housing of an electric motor (20) and the housing of a gear unit (21), and at least two side wall members (24,25), said side wall members (24,25) having a motor end (26) adapted for connection to one of an electric motor housing (20) and the base member (29) and a gear end (27) adapted for connection to a gear unit housing (21i), said side wall members (24,25) lying at least in substantial part in a plane inclined at an angle of at least 60 degrees relative to a plane containing at least a part of the base member (29), and said side wall members (24,25) being spaced apart by connection to an interposed housing.



(54) Title of the invention : INDUSTRIAL GEAR UNIT

(51) International classification

:F16H57/04;
F28F3/12

(31) Priority Document No

:0411870.9

(32) Priority Date

:27/05/2004

(33) Name of priority country

:U.K.

(86) International Application No

:PCT/BE2005/000086

Filing Date

:27/05/2005

(87) International Publication No

:WO 2005/116491

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

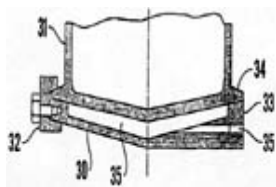
(71)**Name of Applicant :****1)HANSEN TRANSMISSIONS INTERNATIONAL,
NAAMLOZEVENNOOTSCHAP**Address of Applicant :LEONARDO DA VINCILAAN 1, B-2650,
EDEGEM, Belgium(72)**Name of Inventor :****1)LEIMAANN, DIRK, OLAF**

No of Pages : 20

No of Claims : 13

(57) Abstract :

An industrial gear unit comprising a housing (14) which contains lubricated gear components, a water coolant device (1) which defines, at least in part, a fluid chamber (3) and fluid inlet (4) and outlet parts, and retention means (32) which secures the water coolant device to the housing, said water coolant device defining a contact surface (5,6) and said housing providing an external contact surface against which said contact surface of the water coolant device is secured by said retention means.



(54) Title of the invention : PROCESS FOR THE PURIFICATION OF SPENT PROCESS OIL

(51) International classification	:C10G31/10
(31) Priority Document No	:0401291-0
(32) Priority Date	:17/05/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE 2005/000701
Filing Date	:16/05/2005
(87) International Publication No	:WO 2005/111181
(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)STROM, GUNNAR

No of Pages : 20

No of Claims : 14

(57) Abstract :

A process for the purification of spent process oil, which process comprises mixing the process oil with an additive comprising a liquid mixture of a) at least one alkanola-mine, and b) at least one member selected from the group consisting of alkanolic acids, and alkenolic acids having from 6 to 18 carbon atoms: and the melting point/points such that the mixture of a) and b) is liquid at the temperature at which the process is carried; out, with a pH-value of said mixture of a) and b) in the range of 5 to 8, preferably 6 to 7, and most preferably 6.3, and said mixture being substantially insoluble in the process oil, forming a two phase mixture upon mixing, and subsequent separation of the phase with process oil from the phase with said mixture of a) and b)' with absorbed contaminants. The invention further provides use of alkanolic acids and alkenolic acids having from 6 to 18 carbon atoms in the preparation of a mixture for the purification of spent process oil as well as the use of alkanolamines.

(54) Title of the invention : SYSTEM AND METHOD FOR A MODULAR USER CONTROLLED SEARCH ENGINE

(51) International classification :G06F 7/00
 (31) Priority Document No :60/561,874
 (32) Priority Date :14/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012214
 Filing Date :12/04/2005
 (87) International Publication No :WO 2005/106642
 (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)KRAMER, NANCY

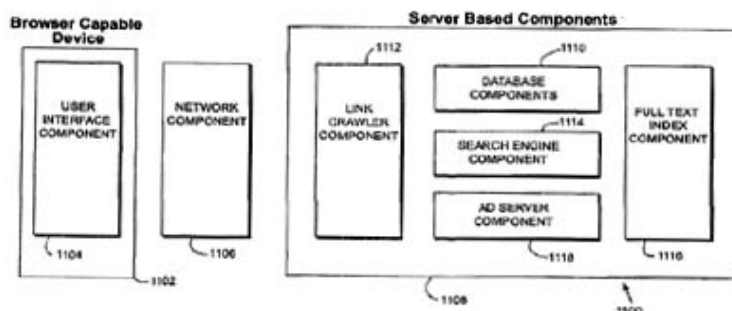
No of Pages : 40

No of Claims : 12

(57) Abstract :

Method and system for delivery of personal search services and advertising. The method includes collecting information from the user about the user's personal search engine, including, but not limited to digital content data sources, link crawl depth of those digital content data sources, and time interval to refresh the index of the digital content data sources created. In one embodiment of the present invention user's do not pay a fee in return for allowing the provider to present advertising to the user as the user uses the invention. In another embodiment, advertisers purchase advertising display services from the provider to be displayed to specific users.

Personal Search System Block Diagram



(54) Title of the invention : DEVICE FOR ANALYZING THE COAGULATION OR AGGREGATION BEHAVIOR OF BLOOD

(51) International classification :G01N33/49;
G01N33/86
(31) Priority Document No :10 2004 019 374.6
(32) Priority Date :21/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/DE2005/000678
Filing Date :14/04/2005
(87) International Publication No :WO 2005/103688
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

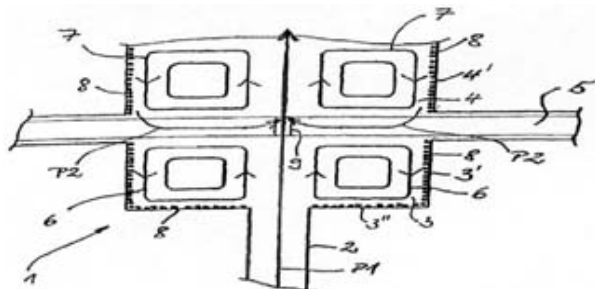
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2)FREIHERR VON DER GOLTZ VOLKER

No of Pages : 19

No of Claims : 23

(57) Abstract :

The invention relates to a device for analyzing the coagulation and/or aggregation behavior of blood. The blood flows through an opening (9) that is disposed in a porous part (5) while a substance which influences blood aggregation can be delivered to the blood. A preliminary diffuser chamber (3) from which blood flows to the opening (9) is mounted upstream of the opening (9), and/or a secondary diffuser chamber (4) into which blood flows from the opening (9) is mounted downstream of the opening (9). The substance is arranged on the wall of the preliminary diffuser chamber (3) and/or the secondary diffuser chamber (4) in the form of a coating (8).



(54) Title of the invention : AMIDO COMPOUNDS AND THEIR USE AS PHARMACEUTICALS

(51) International classification :C07D 221/00

(31) Priority Document No :60/569,273

(32) Priority Date :07/05/2004

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

(86) International Application No :PCT/US2005/015559

Filing Date :04/05/2005

(87) International Publication No :WO 2005/110992

(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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No of Pages : 251

No of Claims : 38

(57) Abstract :

The present invention relates to inhibitors of 11- β hydroxyl steroid dehydrogenase type 1, antagonists of the mineralocorticoid receptor (MR), and pharmaceutical compositions thereof. The compounds of the invention can be useful in the treatment of various diseases associated with expression or activity of 11- β hydroxyl steroid dehydrogenase type 1 and/or diseases associated with aldosterone excess.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3131/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/10/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : SUSTAINED-RELEASE ORAL MOLSIDOMINE COMPOSITION FOR TREATING ATHEROSCLEROSIS.

(51) International classification	:A61K 31/5377
(31) Priority Document No	:04/03534
(32) Priority Date	:05/04/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/EP2005/003531
Filing Date	:01/04/2005
(87) International Publication No	:WO 2005/107761
(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)GECZY, jozsef-Michel

No of Pages : 17

No of Claims : 4

(57) Abstract :

A medical kit useful for atherosclerosis comprising a first component which is molsidomine or one of its pharmaceutically acceptable salts, in combination with a second component which is a pharmaceutically acceptable excipients, diluents or carrier effective over 24 hours.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3132/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :30/10/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : COMPOSITION COMPRISING A SURVIVIN OLIGONUCLEOTIDE AND GEMCITABINE FOR THE TREATMENT OF CANCER.

(51) International classification	:A61K 31/7068
(31) Priority Document No	:60/564,540
(32) Priority Date	:22/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/012968
Filing Date	:15/04/2005
(87) International Publication No	:WO 2005/107771
(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)Bharvin Kumar PATEL

No of Pages : 20

No of Claims : 9

(57) Abstract :

The present invention relates to a method of treating cancer in a patient comprising administering an effective amount of a Survivin antisense oligonucleotide in combination with an effective amount of an additional anti-cancer agent.

(54) Title of the invention : SPECIFIC BINDING MEMBERS AGAINST SYNAPTOPYLIN.

(51) International classification	:CO7K 16/00
(31) Priority Document No	:0407059.5
(32) Priority Date	:29/03/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB2005/001190
Filing Date	:29/03/2005
(87) International Publication No	:WO 2005/095453
(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)WRIGHT, MATTHEW
2)PORTER, ANDY

No of Pages : 59

No of Claims : 37

(57) Abstract :

The present invention provides specific binding members that bind synaptophysin and which comprise: an antibody VH domain selected from the group consisting of the C1-3 VH domain (SEQ ID NO. 2) and a VH domain comprising a VH CDR3 with the amino acid sequence of SEQ ID NO. 12 and optionally one or more VH CDR's with an amino acid sequence selected from SEQ ID NO. 10 and SEQ ID NO. 11; and/or an antibody VL domain selected from the group consisting of the C1-3 VL domain (SEQ ID NO. 4) and a VL domain comprising one or more VL CDR's with an amino acid sequence selected from SEQ ID NO. 13, SEQ ID NO. 14 and SEQ ID NO. 15. The invention further provides related materials such as nucleic acids, kits and compositions, and also methods of use of the binding member, for instance in targeting entities to hepatic stellate cells which are implicated in liver fibrosis.

(54) Title of the invention : SUBSTRATE HAVING A PHOTOCATALYTIC COATING.

(51) International classification	:C03C 17/23
(31) Priority Document No	:0450895
(32) Priority Date	:10/05/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/050307
Filing Date	:10/05/2004
(87) International Publication No	:WO 2005/110937
(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)RONDET,MAURICETTE
3)MATTMANN,ERIC

No of Pages : 32

No of Claims : 25

(57) Abstract :

The invention relates to a transparent or semi-transparent substrate having, over at least a portion of at least one of its surfaces, a photocatalytic coating based on titanium oxide and characterized in that the coated surface has a luminous reflectance less than that of a non coated surface of the substrate. The invention also relates to methods for obtaining a substrate of this type and to uses for this substrate.

(54) Title of the invention : MULTILAYER WINDOW PANE WITH AN ELECTRICAL COMPONENT.

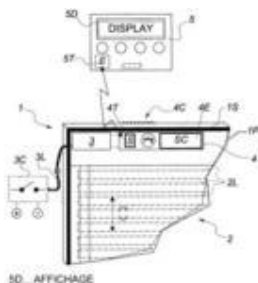
(51) International classification	:E06B 9/264	(71)Name of Applicant :
(31) Priority Document No	:10 2005 019 328.9	1)SAINT-GOBAIN GLASS FRANCE
(32) Priority Date	:26/04/2005	Address of Applicant :18 Avenue d'Alsace F-92400 Courbevoie France
(33) Name of priority country	:Germany	(72)Name of Inventor :
(86) International Application No	:PCT/EP06/003485	1)Schaumberger, Franz
Filing Date	:15/04/2006	2)Dirisamer, Wolfgang
(87) International Publication No	:WO 2006/114211	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 15

No of Claims : 18

(57) Abstract :

According to the invention, a multilayer or insulating window pane (1) having at least two rigid panes (1P) and a spacer frame (1S) which connects these panes so as to form a tightly sealed intermediate space between the panes, and also an electrical component (3; for example motor, valve) which is arranged in the intermediate space between the panes, and also an associated electrical connection device is equipped with a detection device (4) for operating data of the component (3), which detection device cannot be manipulated from the outside but can be at least indirectly read off or read out. As a result, switch-on processes or times, maximum current consumption or operating temperature or the like, for example, can be detected and checked for servicing and/or monitoring purposes by reading out the operating data.



(54) Title of the invention : PHOTOCATALYTIC SUBSTRATE ACTIVE UNDER A VISIBLE LIGHT.

(51) International classification :C03C 17/00
 (31) Priority Document No :0403824
 (32) Priority Date :13/04/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/FR2005/050229
 Filing Date :12/04/2005
 (87) International Publication No :WO 2005/102952
 (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)KHARCHENKO,Andriy
2)LABROUSSE,Laurent
3)GUENEAU, Laetitia

No of Pages : 20

No of Claims : 23

(57) Abstract :

The invention relates to a substrate provided with a mechanically resistant, long-lasting coating, and suitable for being handled by a user. Said substrate is characterised in that the coating comprising a first photocatalytic compound which is intimately associated with a second compound containing an energy jump between the upper level of the valence band thereof and the lower level of the conductive band thereof, corresponding to a wavelength in the visible field. The invention also relates to a glazing comprising said substrate, to the applications of the inventive substrate, and to the methods for the production thereof.

(54) Title of the invention : ACTIVATION OF A GLASS SURFACE.

(51) International classification	:C03C 17/30
(31) Priority Document No	:0404531
(32) Priority Date	:28/04/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR05/050281
Filing Date	:27/04/2005
(87) International Publication No	:WO 2005/105690
(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)PERSSON, Ronnie
2)LEREBOURG,Bertrand
3)STUDENY, Pavel

No of Pages : 14

No of Claims : 19

(57) Abstract :

The invention relates to a pane of curved glass, at least one of the main faces of which is activated. The activation may especially be performed by abrasion by direct rubbing of the glass surface. Advantageously, an abrasive belt closed on itself and traveling over the surface of the glass is used. After activation, a hydrophobic coat may be deposited using, for example, a fluorinated silane. The glass coated with a hydro-phobic coat may be used as window glass for a motor vehicle.

(54) Title of the invention : HAND-HELD POWER TOOL WITH A CLAMPING DEVICE FOR A TOOL.

(51) International classification :B24B 45/00
 (31) Priority Document No :10 2004 020 982.0
 (32) Priority Date :23/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/003794
 Filing Date :12/04/2005
 (87) International Publication No :WO 2005/102605
 (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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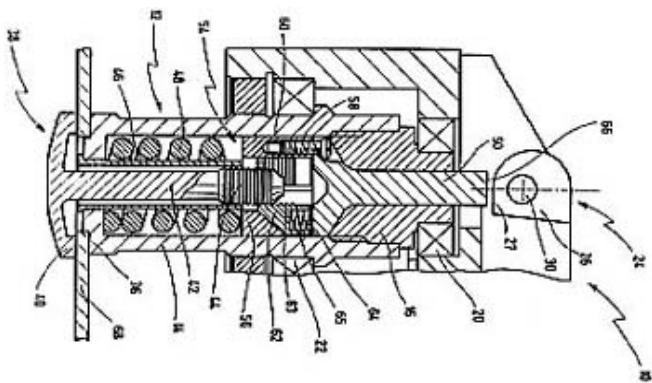
(72)**Name of Inventor :**
1)Roland Pollak
2)Rolf Ziegler

No of Pages : 19

No of Claims : 25

(57) Abstract :

A hand-held power tool (10) is specified, comprising a work spindle (12) for driving a tool (68), said tool (68) being fastenable between a fastening element (38) and a holding portion (36) on a tool end of the work spindle (12), and a displacement device (24) for sliding the fastening element (38) between a released position in which the fastening element (38) can be detached from the work spindle (12) and a clamped position in which the fastening element (38) is clamped against the holding portion (36) by a spring element (48). The fastening element (38) includes a clamping shaft (42) that is insertable into the work spindle (12) and held in the clamped position by a lock assembly (54) inside the work spindle (12), and which can be removed when in the released position.



(54) Title of the invention : WATER TREATMENT.

(51) International classification :C02F 3/02
 (31) Priority Document No :0407922.4
 (32) Priority Date :07/04/2004
 (33) Name of priority country :U.K.
 (86) International Application No :PCT/GB2005/001358
 Filing Date :07/04/2005
 (87) International Publication No :WO 2005/097688
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

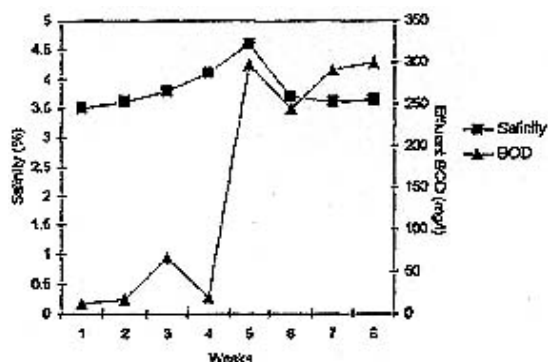
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No of Pages : 32

No of Claims : 37

(57) Abstract :

An apparatus for the biological treatment of saltwater-based domestic wastewater, the apparatus having an inlet for the introduction of the saltwater-based domestic wastewater, an outlet for the removal of treated wastewater, means for monitoring the salinity level of the saltwater-based domestic wastewater entering or within the apparatus and means for controlling the salinity level of the saltwater-based domestic wastewater are reduced and the biological treatment of the saltwater-based domestic wastewater is thereby maintained.



(54) Title of the invention : LIQUID DISPENSING METHOD AND SYSTEM WITH HEADSPACE GAS REMOVAL.

(51) International classification :B65D 83/00
 (31) Priority Document No :10/823,127
 (32) Priority Date :13/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012593
 Filing Date :13/04/2005
 (87) International Publication No :WO 2005/100203
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

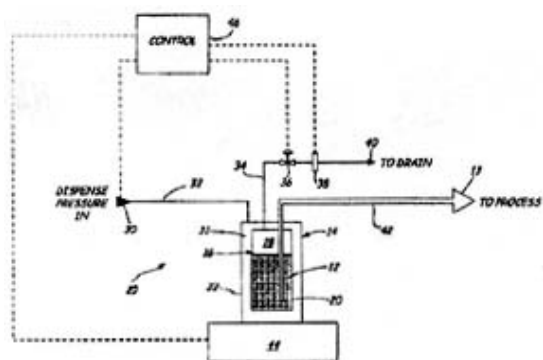
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3)MENNING,,JOSEPH,P
4)EIDEN,Gregory,B
5)GRANT,Donald,C

No of Pages : 23

No of Claims : 23

(57) Abstract :

A liquid dispensing method and system for dispensing from a container including an outer container and an inner container, a portion of the inner container occupied by the liquid, a remainder of the inner container occupied by a headspace gas. The system includes a probe having a flow passage therein and a gas passage communicating between the interior of the inner container and an exterior of the outer container. Fluid (such as air or nitrogen) is caused to flow under pressure into a space between inner walls of the outer container and the inner container to force the headspace gas out of the inner container via the gas passage and to force liquid out of the inner container through the flow passage in the probe to a manufacturing process.



(54) Title of the invention : CONNECTOR LUG.

(51) International classification :H01R 11/09
 (31) Priority Document No :20 2004 006 973.3
 (32) Priority Date :30/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/DE2005/000799
 Filing Date :27/04/2005
 (87) International Publication No :WO 2005/106903
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

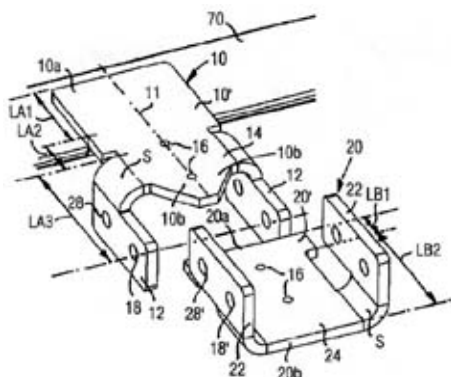
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 (72)**Name of Inventor :**
1)Frank Alefelder
2)Eckhard Ammann

No of Pages : 12

No of Claims : 9

(57) Abstract :

The invention relates to a connection lug for connecting feed lines to busbars. Here, a flat limb is formed on the connection lug (100) at its first end (100a), which flat limb can be connected to a busbar (70) in a manner in which it rests on the flat side of the busbar (70), and a connection head is provided at the second end (100b) of the connection lug (100), in which connection head at least one connection hole (180,18) for fixing feed lines is located. It is proposed that the connection head has the shape of a plate (120), which is a continuation of the flat limb, and in each case two side faces (140), which are formed at right angles to the plane and on both sides of the plate (120) and parallel to the longitudinal extent (110) of the plate (120), and at least two connection holes (180) are formed in each side face (140) transversely with respect to the longitudinal extent (110) of the plate (120).



(54) Title of the invention : METHOD AND SYSTEM FOR TRANSMITTING AND RECEIVING BROADCAST SERVICE DATA IN A WIRELESS COMMUNICATION SYSTEM

(51) International classification :H04B 7/26
 (31) Priority Document No :10-2004-0032404
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001344
 Filing Date :07/05/2005
 (87) International Publication No :WO 2005/109696
 (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)Geun-Hwi LIM

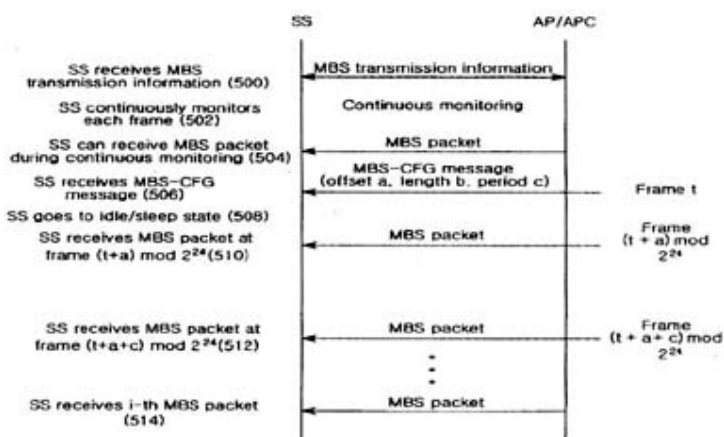
7)Jung-Je SON

No of Pages : 22

No of Claims : 25

(57) Abstract :

A method and system are provided for transmitting broadcast service data in a wireless communication system using an Orthogonal Frequency Division Multiple Access(OFDMA) scheme in which data transmission is achieved through a downlink and an uplink within one frame. The system being connected to a broadcast server. The system and method include allocating a connection identifier (CID) to each broadcast service for identification as a broadcast service packet transmitted over the downlink, and transmitting a physical layer transmission information element (DL-MAP) including a broadcast service CID for the broadcast packet through the downlink.



(54) Title of the invention : SYSTEM AND METHOD FOR PERFORMING A FAST HANDOVER IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM

(51) International classification :H04B 7/26
(31) Priority Document No :10 2004-0032394
(32) Priority Date :07/05/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001307
Filing Date :04/05/2005
(87) International Publication No :WO 2005/109689
(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)So-Hyun KIM

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8)So-Hyun KIM

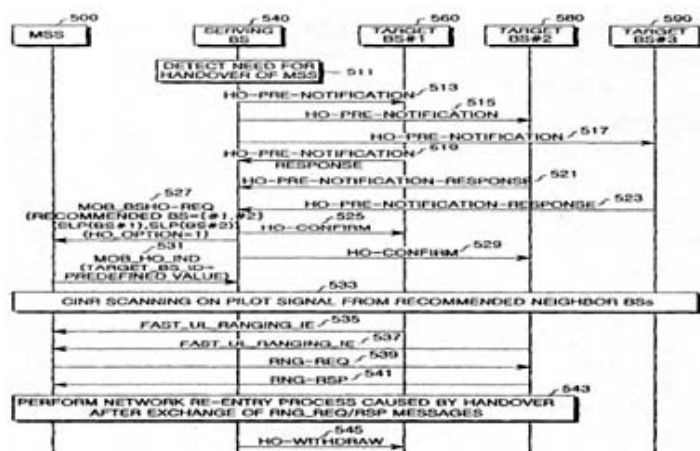
9)Yeong-Moon SON

No of Pages : 46

No of Claims : 42

(57) Abstract :

A broadband wireless access(BWA)communication system includes a mobile subscriber station (MSS), a serving base station (BS) with which the MSS performs communication, and a plurality of neighbor BSs. The serving BS transmits, to the MSS, a handover request message including information on at least one recommended BS to which the MSS can perform a handover, among the neighbor BSs, and indication information indicating a fast handover, and transmits, to each of the recommended BSs, handover confirm message indicating that the MSS will perform the fast handover.



(54) Title of the invention : SYSTEM AND METHOD FOR HANDOVER CAPABLE OF MINIMIZING SERVICE DELAY IN BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM.

(51) International classification :H04B 7/26
 (31) Priority Document No :10-20040032413
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001332
 Filing Date :06/05/2005
 (87) International Publication No :WO 2005/109693
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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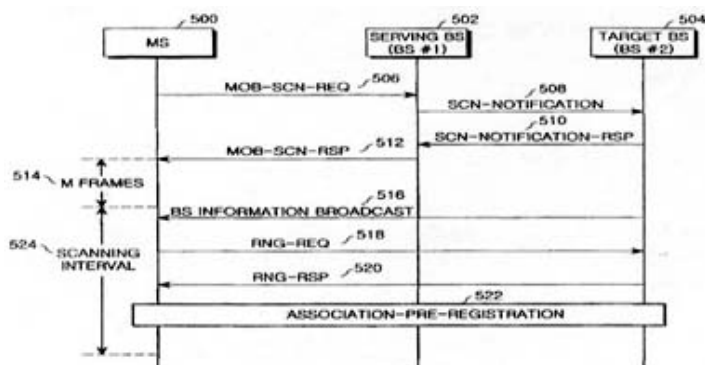
7)YEONG-MOON SON

No of Pages : 41

No of Claims : 49

(57) Abstract :

Disclosed is a method and a system for performing a handover capable of minimizing a service delay in a broadband wireless access communication system including a mobile station (MS), a serving base station (BS) providing services to the MS, and a target BS to which the MS hands over. The method comprises the steps of detecting that the handover from the serving BS to the target BS is necessary; and transmitting a request to the serving BS in order to perform portions of a handover process prior to the handover to the target BS.



(54) Title of the invention : APPARATUS AND METHOD FOR ENCODING/DECODING SPACE TIME BLOCK CODE IN A MOBILE COMMUNICATION SYSTEM USING MULTIPLE INPUT MULTIPLE OUTPUT SCHEME.

(51) International classification :H04B7/04
 (31) Priority Document No :10-2004-0032411
 (32) Priority Date :07/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001308
 Filing Date :04/05/2005
 (87) International Publication No :WO 2005/109679
 (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)Marcos Daniel KATZ

4)Dong-Seek PARK

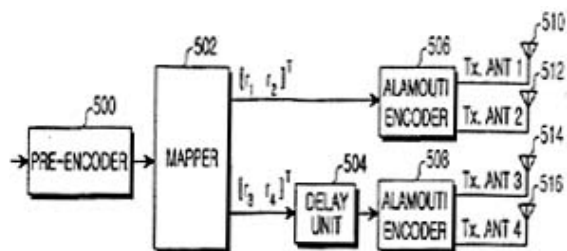
5)Yong-Kwon CHO

No of Pages : 37

No of Claims : 32

(57) Abstract :

Disclosed is an apparatus and method for encoding/decoding a space time block code in a mobile communication system using a multiple input multiple output scheme. In a transmitter employing a plurality of transmit antennas in the mobile communication system, if a signal to be transmitted is input, the transmit signal is pre-encoded according to a preset coding scheme, the pre-encoded signal is space-time mapped according to a number of the transmit antennas to employ a preset space time block coding scheme, and the space-time mapped signal is transmitted through the transmit antennas by applying the preset space time block coding scheme to the space-time mapped signal.



(54) Title of the invention : GAS PROBE WITH HYGROSCOPICALLY COATED PROTECTIVE DEVICE,

(51) International classification :G01N 27/407
 (31) Priority Document No :102004017586.1
 (32) Priority Date :07/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/003374
 Filing Date :31/03/2005
 (87) International Publication No :WO 2005/098410
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

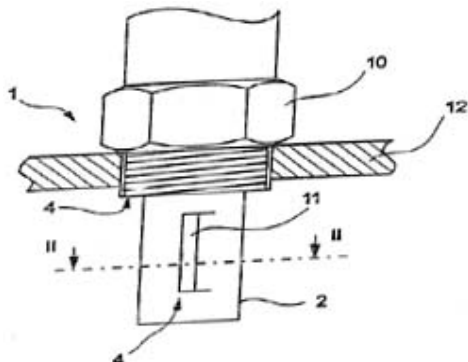
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2)PFALZGRAF, BERNHARD
3)ODENDALL, BODO

No of Pages : 15

No of Claims : 17

(57) Abstract :

The invention relates to a gas probe (1), in particular, a lambda probe, for the analysis of exhaust gases from a mobile internal combustion engine, comprising at least one projection device (2), at least partly enclosing a sensitive sensor element (3) of the gas probe (1), which comes into contact with a gas. The at least one protection device (2) comprises a gas contact surface (4) which at least partly has a hygroscopic surface.



(54) Title of the invention : METHOD FOR DISPERSING AND PASSIVATING PARTICULATE POWDERS IN WATERS AND AQUEOUS MEDIA.

(51) International classification :B01F 17/00
 (31) Priority Document No :102004020559.0
 (32) Priority Date :27/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/003886
 Filing Date :13/04/2005
 (87) International Publication No :WO 2005/107934
 (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)H. C. STARK GMBH

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3)MANFRED NEBELUNG

No of Pages : 10

No of Claims : 13

(57) Abstract :

The invention relates to method for dispersing and passivating particulate powders in water and aqueous media. It is particularly advantageously applicable in the handling and processing of non-oxidic powders, e.g. in the ceramic and hard-metal industry. In the method claimed auxiliaries are added due to the proces. According to the invention this method is characterized in that polyvinylamines and/or the initial products thereof are used as these auxiliaries.

(54) Title of the invention : DEVICE FOR DISPENSING A FLUID FROM A CAVITY OF A CONTAINER.

(51) International classification :B65D 83/14
 (31) Priority Document No :10200417171.8
 (32) Priority Date :02/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/003238
 Filing Date :26/03/2005
 (87) International Publication No :WO 2005/095229
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

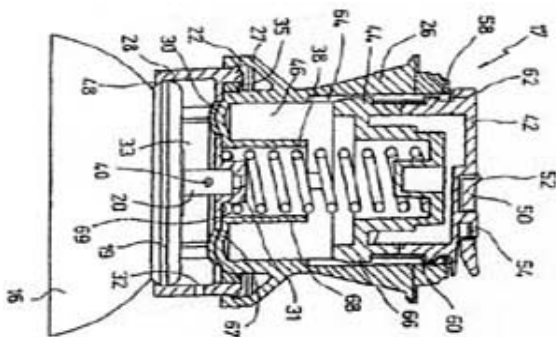
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2)Rudolph Thewes
3)Bernd Haeussler
4)Dr. Karl-Friedrich Krause

No of Pages : 28

No of Claims : 27

(57) Abstract :

Disclosed is a device for dispensing a fluid, in particular a carbonated beverage, from a storage chamber (15) of a container (12) towards the outside via at least one closeable discharge port (14), comprising a pressure reservoir (16) which is separated from the storage chamber (15) and in which a pressurized propellant is accommodated, and which can be connected to the storage chamber (15) via a pressure regulation mechanism (17, 17'). The pressure regulation mechanism (17) includes an axially moveable regulating element (30) that is impinged upon by means of a biasing means (38) in the direction of an open position in which propellant is discharged from the pressure reservoir (16) into the storage chamber (15). The ambient pressure to which the container (12) is exposed acts upon the regulating element (30) in the direction of the open position, and the internal pressure inside the storage chamber (15) of the container (12) acts upon the regulating element (30) in the direction of the closed position.



(54) Title of the invention : A METHOD, A USER TERMINAL AND A SERVER FOR OBTAINING ACCESS LOCATION INFORMATION.

(51) International classification	:H04L 29/06
(31) Priority Document No	:200510034521.X
(32) Priority Date	:30/04/2005
(33) Name of priority country	:China
(86) International Application No	:PCT/CN2006/000785
Filing Date	:25/04/2006
(87) International Publication No	:WO 2006/116912
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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(72) Name of Inventor : 1)LI, Jun 2)WEI, Jiahong

No of Pages : 23

No of Claims : 8

(57) Abstract :

A method of a user terminal obtaining its access location information in next generation network, and a user terminal, and a server having function of Dynamic Host Configuration Protocol (DHCP) function are disclosed. DHCP is extended by adding a new DHCP option to carry the user terminal access location information; when the user terminal accesses to network, DHCP server puts the DHCP option into DHCP response message; receiving the DHCP response message, the user terminal obtains the access location information from the DHCP option. The present invention overcomes the shortcoming of the prior art that when a terminal nomadizes or roams from one access network to another, the access network information configured on the terminal has to be updated manually and thus results in redundant workload and inflexibility, the user terminal is allowed to obtain its access location information automatically, hence nomadicity or roaming of the user terminal is supported.

(54) Title of the invention : SYSTEM AND METHODS FOR DOMAIN NAME ACQUISITION AND MANAGEMENT.

(51) International classification :G06F15/16
 (31) Priority Document No :60/568,187
 (32) Priority Date :05/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/015918
 Filing Date :05/05/2005
 (87) International Publication No :WO 2005/109228
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

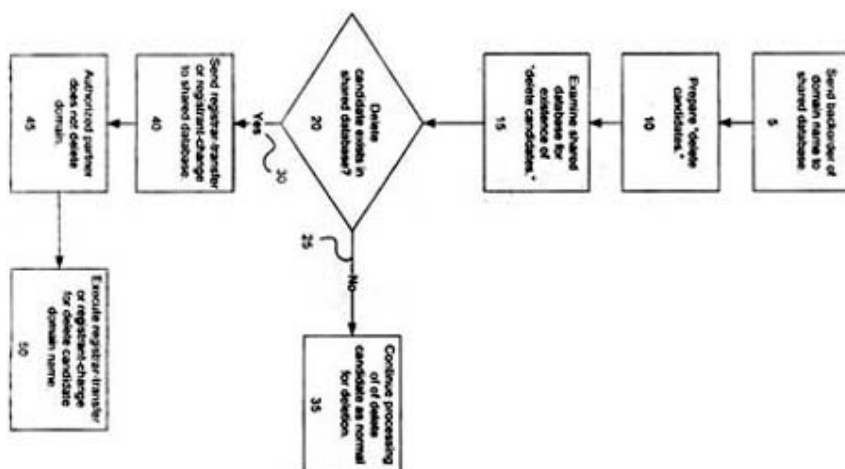
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1)WONG, JOHN

No of Pages : 31

No of Claims : 35

(57) Abstract :

A method for managing domain name acquisition comprises collecting desired domain names in a shared database and matching the desired domain names in the shared database to those that are available as candidates for a registration status change. A registration is then changed of at least one matched desired domain name due to the matched desired domain name being in the shared database. The registration of the at least one matched desired domain name may be changed to an entity who desired said matched domain name wherein the said entity is associated with the domain name being caused to be collected in the shared database. The collecting of the domain names in the shared database may comprise receiving a backorder of a domain name from an entity desiring said domain name and then storing said backorder of the domain name in a shared-database. A domain name auction scheme is also provided to attain the highest price of a desired domain name that may be a candidate for deletion from a registry.



(54) Title of the invention : INTEGRATE POWER SUPPLY SYSTEM.

(51) International classification :G06F 1/26
 (31) Priority Document No :10/822,856
 (32) Priority Date :13/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/CA2004/002188
 Filing Date :22/12/2004
 (87) International Publication No :WO 2005/101168
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

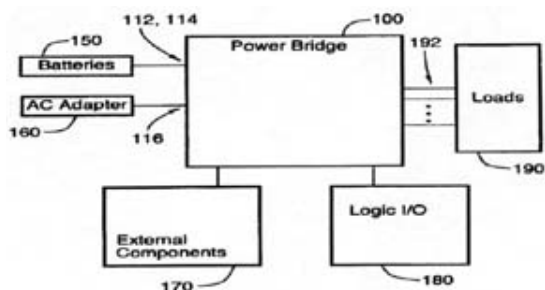
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2)DASGUPTA, SANKAR
3)VANDERMEER DAVID

No of Pages : 42

No of Claims : 54

(57) Abstract :

An ultra-high-efficiency switching power supply system integrating, into a single package, power conversion switches for multiple power supplies, an input power switching block, an output power switching block, control logic for controlling the power conversion switches and control input/output ports. This integrated multiple power supply package is called a Power Bridge and preferably implements the integrated components as one or more integrated circuit chips housed in the package housing. The Power Bridge is a bridge between the microprocessor of a portable computer and its internal and external power sources. The power supply system facilitates board design because the ultra-high-efficiency power module generally requires less space and generates less heat than conventional power supply circuitry. The power supply module improves power management because of improved communications- connections between the power supply module control circuitry and other components, such as busses, other bridge modules and embedded controllers.



(54) Title of the invention : SYSTEM AND METHOD FOR DESIGNING A SEAT

(51) International classification	:A63G 9/10
(31) Priority Document No	:60/567,464
(32) Priority Date	:03/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/015067
Filing Date	:02/05/2005
(87) International Publication No	:WO 2005/107915
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 33

No of Claims : 40

(57) Abstract :

A computer based system method for establishing one or more patches related to a seat to be designed is provided. The system method establish a set of environment characteristics, a set of interface characteristics, and a pool of body templates. The pool of body templates are representative of target occupants of the seat. The system and method further establish a seat design as a function of the established environment characteristics, interface characteristics, and body templates by defining a plurality of patches.

(54) Title of the invention : NUCLEIC ACID BASED ASSAYS FOR IDENTIFICATION OF FC RECEPTOR POLYMORPHISMS

(51) International classification :C07H 21/04

(31) Priority Document No :60/560,649

(32) Priority Date :07/04/2004

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

(86) International Application No :PCT/US2004/043726

Filing Date :22/12/2004

(87) International Publication No :WO 2005/102379

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

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No of Pages : 62

No of Claims : 29

(57) Abstract :

Oligonucleotides specific for FcgamaRIII polymorphisms are disclosed. Also disclosed are nucleic acid-based genotyping assays using the oligonucleotides described herein as amplification and/or sequencing primers.

(54) Title of the invention : DRYING PROCESS FOR PRESERVING AN ACTIVE AGENT AS A HIGHLY VISCOUS LIQUID

(51) International classification	:C12N 1/04
(31) Priority Document No	:0409795.2
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/EP2005/004638
Filing Date	:28/04/2005
(87) International Publication No	:WO 2005/105978
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 43

No of Claims : 45

(57) Abstract :

The present invention relates to a method of drying biological and other labile samples so that they can be preserved as a highly viscous liquid. The method involves the steps of preparing a preservation sample by dissolving/suspending an active agent in a solution of a stabilising agent, subjecting the preservation sample to such temperature and pressure conditions that the preservation sample loses solvent by evaporation without freezing or bubbling to form a foam and removing solvent until the preservation sample dries to form a highly viscous liquid. The stabilising solution comprises a glass forming polyol and a second component which decreases the flow rate of the highly viscous liquid formed by the method.

(54) Title of the invention : APPARATUS AND METHOD FOR SURGICAL ENHANCEMENT OF AQUEOUS HUMOR DRAINAGE.

(51) International classification :A61M 5/00
 (31) Priority Document No :60/567,024
 (32) Priority Date :29/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/015321
 Filing Date :29/04/2005
 (87) International Publication No :WO 2005/107664
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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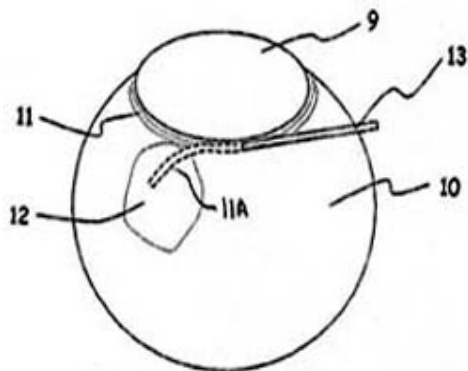
1)CONSTON, STANLEY R.**2)HEE, MICHAEL****3)KUPIECKI, DAVID, J.****4)MCKENZIE, JOHN****5)YAMAMOTO, RONALD**

No of Pages : 23

No of Claims : 40

(57) Abstract :

An apparatus is provided for forming a tissue tract (8, 11 A, 17A) from within a first passageway of an eye (11, 17) connecting to a second passageway in the eye (12, 16) comprising an elongated tool with a proximal end and distal end. The tool has an outer diameter in the range of about 50 to about 1000 microns. Methods of using the tool are provided for creating a fluid path for aqueous humor of an eye from a first passageway of the eye, such as the Schlemm's Canal, to a second passageway, such as the suprachoroidal space.



(54) Title of the invention : APPARATUS AND METHOD FOR OCULAR TREATMENT.

(51) International classification :A61M 31/00
 (31) Priority Document No :60/566,776
 (32) Priority Date :29/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/014980
 Filing Date :29/04/2005
 (87) International Publication No :WO 2005/107845
 (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 :

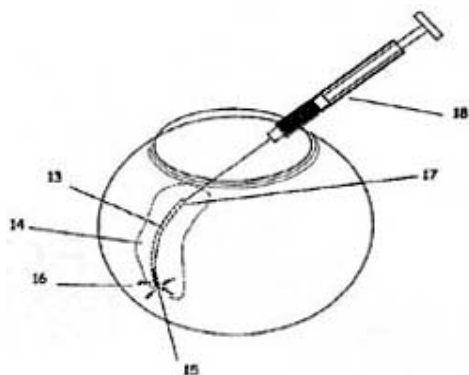
1)HEE, MICHAEL**2)HEE, MICHAEL****3)CONSTON, STANLEY R.****4)KUPIECKI, DAVID, J.****5)MCKENZIE, JOHN****6)YAMAMOTO, RONALD****7)NASH, MICHAEL**

No of Pages : 24

No of Claims : 47

(57) Abstract :

The invention provides tools, materials and related methods to surgically access the suprachoroidal space of an eye for the purpose of performing minimally invasive surgery or to deliver drugs to the eye. The invention-provides a flexible microcannula device (11, 13) that may be placed into the suprachoroidal space (12, 14) through a small incision (12A) of the overlying tissues, maneuvered into the appropriate region of the space, and then activated to treat tissues adjacent to the distal tip of the device.



(54) Title of the invention : ELECTRONIC TRANSACTION VERIFICATION SYSTEM.

(51) International classification :G06K 9/00
 (31) Priority Document No :10/816,037
 (32) Priority Date :01/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/011147
 Filing Date :01/04/2005
 (87) International Publication No :WO 2005/098741
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

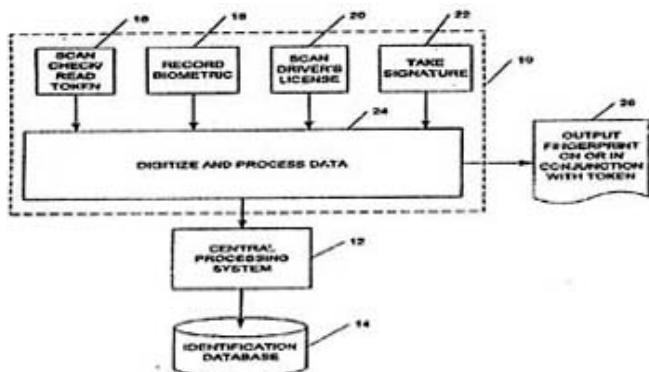
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 (72)**Name of Inventor :**
1)MCNEAL, JOAN, TIBOR

No of Pages : 39

No of Claims : 43

(57) Abstract :

An electronic transaction verification system for use with transaction tokens such as checks, credit cards, debit cards, and smart cards, that gathers and transmits information about the transaction token and biometric data. The system preferably has the ability to read or scan transaction and account information printed or encoded on the transaction token, digitally encode biometric data, scan drivers' licenses or other identification cards, and take a signature of a customer, all at a transaction location for purposes of account verification. The electronic transaction verification system preferably digitizes various indicia of the token, such as the magnetic ink (MICR) line on a presented check or the magnetic strip on a credit card or debit card, and transmits the transaction information data to a central system, at which the central system compares the inputted data with an existing database of information to determine if the customer at the point of the transaction is in fact authorized to use the account, and if the account is in satisfactory condition for approval of the transaction. The electronic verification system includes a biometric data device for recording and/or transmitting biometric data on, or in conjunction with, the token, either in actual or digitally encoded form, such that the biometric data can be checked subsequently against a database at the time the token is processed at a financial institution. The system alternatively includes a device for scanning an information card which contains biometric data such as proper fingerprint and/or a signature, and the remotely gathered data can be compared to the recorded data on the card in addition to or instead of, transmission of the gathered data to the electronic, biometric and signature databases.



(54) Title of the invention : ROCK BOLTING METHOD AND ROCK BOLT.

(51) International classification	:E21D21/00
(31) Priority Document No	:0401317-3
(32) Priority Date	:24/05/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE05/000555
Filing Date	:18/04/2005
(87) International Publication No	:WO 2005/113939
(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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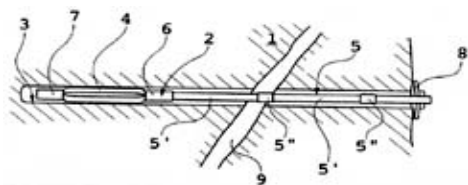
(72)**Name of Inventor :**
1)OBERG,FREDRIK
2)CHARETTE,FRANCOIS
3)BUREAU,MARIO

No of Pages : 13

No of Claims : 10

(57) Abstract :

A method for providing a rock bolt (2) for rock bolting, wherein a rock bolt (2) having a tubular bolt portion (4) with a closed cross section is inserted and expanded for bearing contact in a bore hole (3) in a rock structure (1) The length of the tubular bolt portion (4) is determined such that maximum frictional force at pulling inside a bore hole (3) of a rock bolt with a tubular bolt portion with this length is below a predetermined maximum value. The invention also concerns a rock bolt.



(54) Title of the invention : HUMAN GLYCOPROTEIN HORMONE SUPERAGONISTS AND USES THEREOF

(51) International classification :G01N 33/574

(31) Priority Document No :60/557,704

(32) Priority Date :31/03/2004

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

(86) International Application No :PCT/US2005/008957

Filing Date :18/03/2005

(87) International Publication No :WO 2005/101000

(61) Patent of Addition to Application Number :NA

Filing Date :NA

(62) Divisional to Application Number :NA

Filing Date :NA

(71)**Name of Applicant :****1)TROPHOGEN, INC.**Address of Applicant :6 TAFT COURT,SUITE 150,ROCKVILLE
MD20850,UNITED STATES OF AMERICA U.S.A.(72)**Name of Inventor :****1)SZKUDLINSKI MARIUSZ W****2)WEINTRAUB BRUCE D**

No of Pages : 32

No of Claims : 65

(57) Abstract :

The present invention provides improved methods of imaging,targeted therapy and detection and diagnostics using modified glycoprotein hormones having increased activity over wild-type hormones.

(54) Title of the invention : VIRTUAL FLIP CHART METHOD AND APPARATUS

(51) International classification

:G06F3/033;
G09G5/00

(31) Priority Document No

:10/816,537

(32) Priority Date

:01/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/011366

Filing Date

:01/04/2005

(87) International Publication No

:WO 2005/099263

(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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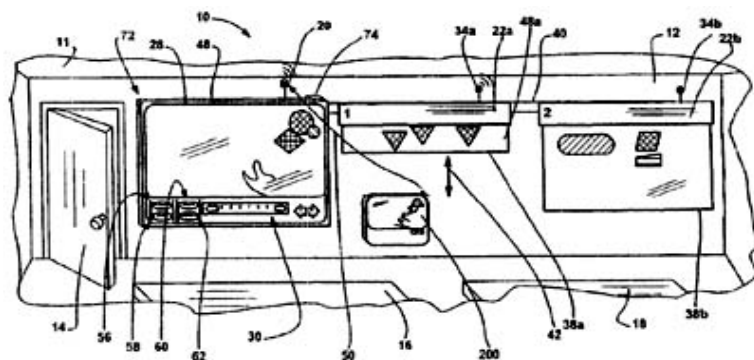
1)DUNN, MICHAEL,H.**2)HUTCHINSON, IAN, G.****3)HILDEBRANDT, PETER,W.**

No of Pages : 91

No of Claims : 103

(57) Abstract :

A presentation method and system for presenting information to an audience within a space that mimics a flip chart assembly, the system including a control interface, a communication network and a master presentation unit including a processor and a master display screen, the master screen juxtaposed within the space so as to be viewable by the audience within the space, the processor operable to transmit an image displayed on the master screen over the network upon user command and a slave presentation unit including a slave presenter operable to receive and present an image to the audience within the space that is transmitted by the master unit to the slave unit over the network such that the master unit can be used to create a new image while the first image is simultaneously presented.



(54) Title of the invention : WATERMARK EMBEDDING.

(51) International classification :H04H1/00
 (31) Priority Document No :10 2004 021 404.2
 (32) Priority Date :30/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/002636
 Filing Date :11/03/2005
 (87) International Publication No :WO 2005/109702
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

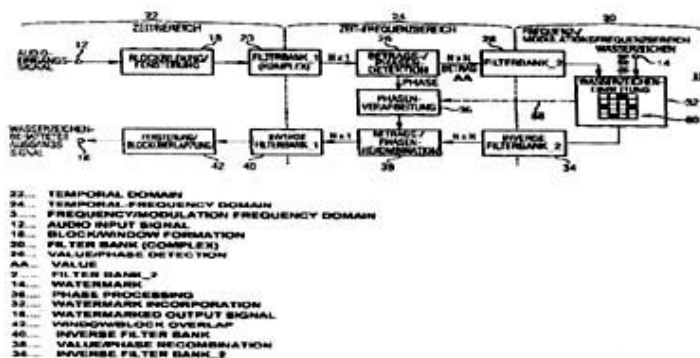
(71)Name of Applicant :
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2)KULESSA,RALPH
3)DISCH,SASCHA
4)LINZMEIER,KARSTEN
5)NEUBAUER,CHRISTIAN
6)SIEBENHAAR,FRANK

No of Pages : 40

No of Claims : 25

(57) Abstract :

According to an inventive scheme for introducing a watermark into an information signal, the information signal (12) is at first transferred from a time representation (22) to a spectral/modulation spectral representation (30). The information signal is then manipulated in the spectral/modulation spectral representation (30) in dependence on the watermark (14) to be introduced to obtain a modified spectral/modulation spectral representation, and subsequently an information signal provided with a watermark (16) is formed based on the modified spectral / modulation spectral representation. An advantage is that, due to the fact that the watermark (14) is embedded and/or derived in the spectral/modulation spectral representation or range, traditional correlation attacks as are used in watermark methods based on spreadband modulation cannot succeed easily.



(54) Title of the invention : SERIES MOTOR AND METHOD FOR CONTROLLING THE SAME.

(51) International classification :H02H 7/08
 (31) Priority Document No :10 2004 018 966.8
 (32) Priority Date :13/04/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/003237
 Filing Date :26/03/2005
 (87) International Publication No :WO 2005/101606
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

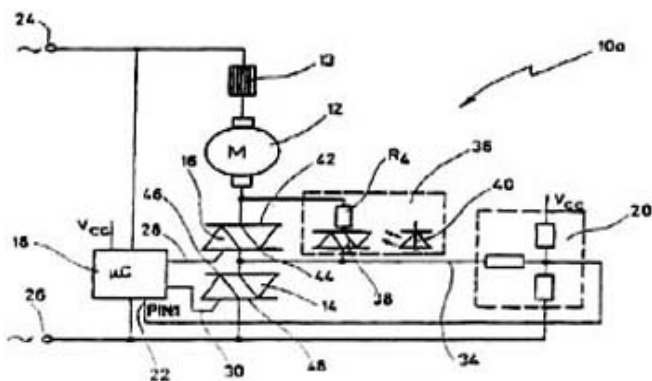
(71)**Name of Applicant :**
1)C.& E.FEIN GMBH
 Address of Applicant :HANS-FEIN-STRASSE 81 73529
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 (72)**Name of Inventor :**
1)CHRISTOF KRESS
2)MARTIN BEICHTER

No of Pages : 20

No of Claims : 16

(57) Abstract :

A circuit for a series motor is specified, wherein reliable switching is achieved by means of two electronic switches, without the use of a mechanically disconnecting switch. To this end, two electronic switches (triacs) (14, 16) are preferably connected in series to each other, the voltage drop across the triac (14) being continuously monitored by a monitoring circuit (20). A check for faults can be carried out before switching on the power tool. Alternatively, a fusible cutout can be tripped by means of a circuit breaker (triac) (16) connected in parallel thereto.



(54) Title of the invention : ANTAGONIST ANTI-CD40 MONOCLONAL ANTIBODIES AND METHODS FOR THEIR USE.

(51) International classification	:A61P 35/02
(31) Priority Document No	:60/565,755
(32) Priority Date	:27/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/014359
Filing Date	:27/04/2005
(87) International Publication No	:WO 2006/073443
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)NOVARTIS VACCINES AND DIAGNOSTICS,INC Address of Applicant :4560 Horton Street, Emeryville,California 94608-2916 U.S.A U.S.A.
(72) Name of Inventor : 1)LUQMAN, Mohammad

No of Pages : 97

No of Claims : 46

(57) Abstract :

Compostions and methods for inhibiting CD40-directed activities that are mediated via the binding of C4BP to CD40 are provided.The compositions of the invention include anti-CD40 antibodies,or antigen-binding fragments thereof,that have the following characteristics: 1) are free of significant CD40 agonist activity when bound to CD40 antigen; and 2) capable of specifically binding to CD40 antigen expressed on the surface of cells,wherein this binding to CD40 antigen blocks C4BP-mediated CD40 signaling,thereby inhibiting one of more CD40-directed activities. These antagonist anti-CD40 antibodies can effectively be used to treat CD40-associated diseases that are mediated by C4BP Stimulation of CD40 signaling,including cancers,such as B cell related cancers and solid tumors,and diseases or disorders that have an autoimmune and/or inflammatory component,including organ and tissue transplant rejection.

(54) Title of the invention : CATALYST COMPONENT FOR LOEFIN POLYMERIZATION AND CATALYST COMPRISING THE SAME.

(51) International classification :C08F4/64;
C08F10/00
(31) Priority Document No :200410037418.6
(32) Priority Date :30/04/2004
(33) Name of priority country :China
(86) International Application No :PCT/CN2005/000598
Filing Date :29/04/2005
(87) International Publication No :WO 2005/105858
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

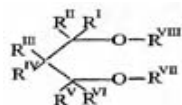
(71)Name of Applicant :
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(72)Name of Inventor :
1)GAO MINGZHI
2)LIU, HAITAO
3)LI, TIANYI
4)LI, XIANZHONG
5)LI, CHANGXIU
6)LI, JIYU
7)XING, LINGYAN
8)YANG, JUXIU
9)MA, JING
10)WANG, XIAONDONG
11)DING, CHUNMIN

No of Pages : 40

No of Claims : 26

(57) Abstract :

The present invention provides a catalyst component for polymerization of olefin $\text{CH}_2=\text{CHR}$, in which R is hydrogen or C1-C12 alkyl or aryl, comprising magnesium, titanium, a halogen and an electron donor compound (a) which is at least one selected from the group consisting of dibasic ester compounds of the formula (I), and said catalyst component optionally further comprising an electron donor compound (b) selected from the group consisting of aliphatic dicarboxylic esters and aromatic dicarboxylic esters, and/or electron donor compound (c) selected from the group consisting of 1,3-diether compounds of formula (IV) wherein, R^I, R^{II} and A are as defined in the description, wherein Rⁱ-R^{viii} are as defined in the description, and a catalyst comprising the catalyst component.



(54) Title of the invention : METHOD FOR MANUFACTURING CAKE DECORATING ACCESSORY AND THE DECORATING ACCESSORY.

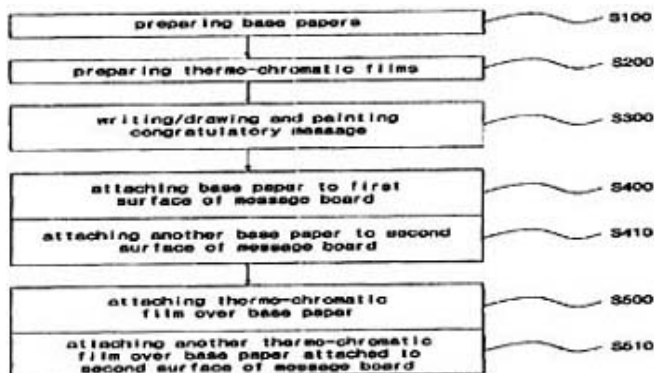
(51) International classification	:B44C5/00	(71) Name of Applicant :
(31) Priority Document No	:10-2004-0040138	1)AHE,HEON-SANG
(32) Priority Date	:02/06/2004	Address of Applicant :437-2,DEOKDO-RI GWANGJEOK-MYEON
(33) Name of priority country	:Republic of Korea	YANGJU-SI GYEONGGI-DO 482-843 REPUBLIC OF KOREA Republic of
(86) International Application No	:PCT/KR2004/002298	Korea
Filing Date	:09/09/2004	(72) Name of Inventor :
(87) International Publication No	:WO 2005/118310	1)AHE,HEON-SANG
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 23

No of Claims : 8

(57) Abstract :

The present invention provides a method for manufacturing a cake decorating accessory and the decorating accessory, which is used in producing a more dramatic and attractive atmosphere at a celebratory event by displaying a congratulatory message using heat. The method includes a step (S100) of preparing a base paper (77), a step (S200) of preparing a thermo-chromatic film (80), a step (S300) of writing or drawing a desired letter or picture for congratulatory messages on the base paper (77); a step (S400) of attaching the base paper (77), and a step (S500) of attaching the thermo-chromatic film (80) over the base paper (77). The base paper (77) has a raw paper layer (76) and a first bonding agent layer (72). The thermo-chromatic film (80) has a second bonding agent layer (82), a transparent synthetic resin film layer (84) and an oil-based microcapsule ink layer (86).



(54) Title of the invention : 'VENTILATED TRANSFORMER ENCLOSURE'.

(51) International classification :E04H 1/00
 (31) Priority Document No :10/835,223
 (32) Priority Date :29/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/014921
 Filing Date :29/04/2005
 (87) International Publication No :WO 2005/108714
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

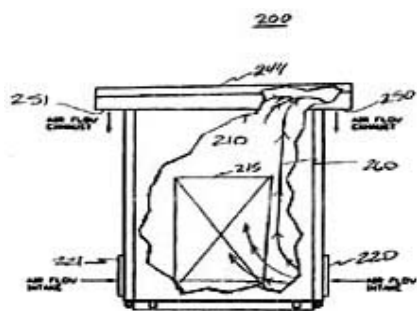
(71)**Name of Applicant :**
1)ABB TECHNOLOGY AG
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2)HORTON,RUSH,B.
3)RAMSEY,GUY,D.
4)CHANDLER,JOEY

No of Pages : 15

No of Claims : 23

(57) Abstract :

A transformer enclosure includes a base structure, a wall secured to the base structure, and an airflow aperture located in a lower portion,of the wall.A roof structure is secured to the wall and has an overhang portion extending beyond the wall outward from the enclosure.The overhang portion has a roof top panel and a roof bottom panel. The roof bottom panel has a roof airflow aperture. The transformer enclosure can include means for enclosing a volume and airflow means for cooling a transformer within the enclosed volume, where the airflow means includes a plurality of opposing channels.



(54) Title of the invention : INJECTION MOLDING METHOD AND INJECTION MOLDING APPARATUS.

(51) International classification :B29C 45/17
 (31) Priority Document No :2004-170400
 (32) Priority Date :08/06/2004
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP2005/010735
 Filing Date :06/06/2005
 (87) International Publication No :WO 2005/120800
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

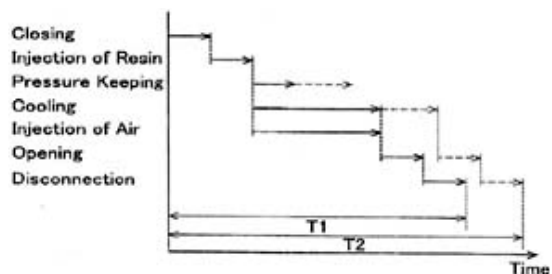
(71)**Name of Applicant :**
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 (72)**Name of Inventor :**
1)UCHIDA, HIROSHI
2)TAKAHARA, TADAYOSHI
3)ETO,TOMOAKI

No of Pages : 34

No of Claims : 11

(57) Abstract :

This invention relates to an injection molding method using an injection mold. The method comprises(1)a molten resin injection step for injecting the molten resin from a gate into a cavity,(2)a pressure-keeping step for continuously applying pressure from the gate after the molten resin injection step,and(3)a fluid injection step for injecting a fluid toward the back surface of the molded product. The pressure-keeping step and the fluid injection step are simultaneously executed. Simultaneously executing these two steps can lower the pressure that is to be continuously applied from the gate. The present injection molding method can reduce the pressure of the fluid to be injected toward the back surface of the molded product in order to cause the back surface of the molded product to separate from the cavity surface.



(54) Title of the invention : DIRECT ASSAY OF SKIN CHOLESTROL IN SKIN SAMPLES REMOVED BY TAPE STRIPPING.

(51) International classification :A61B10/00;
C12Q1/26
(31) Priority Document No :2465427
(32) Priority Date :28/04/2004
(33) Name of priority country :Canada
(86) International Application No :PCT/CA2005/000642
Filing Date :28/04/2005
(87) International Publication No :WO 2005/106018
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

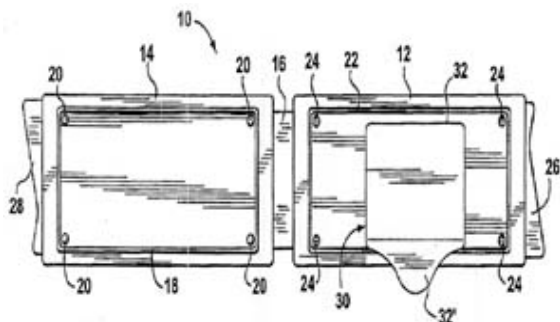
(71)**Name of Applicant :**
1)PREMD INC.
Address of Applicant :4211 YONGE STREET, SUITE 615, TORONTO
ONTARIO M2P 2A9, CANADA Canada
(72)**Name of Inventor :**
1)HORSEWOOD, PETER
2)ZAWYDIWSKI, ROBERT
3)LIU, HAITAO
4)LI, TIANYI

No of Pages : 44

No of Claims : 114

(57) Abstract :

Skin cholesterol is measured by applying an adhesive tape onto a selected area of the skin to adhere the tape to the selected skin area and stripping the tape off the selected skin area to obtain a sample representative of the outer stratum concern layer of the skin, the sample adhering to the tape so as to have exposed skin constituents. The sample is assayed using a detector reagent that specifically binds to cholesterol and in addition has an indicator that allows quantitation of the amount of cholesterol present in the exposed skin constituents.



(54) Title of the invention : CONVEYING APPARATUS COMPRISING A BELT CONVEYOR.

(51) International classification	:B65G
(31) Priority Document No	:815/04
(32) Priority Date	:10/05/2004
(33) Name of priority country	:Switzerland
(86) International Application No	:PCT/CH2005/000243
Filing Date	:02/05/2005
(87) International Publication No	:WO 2005/108247
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :**
1)INNOVA PATENT GMBH
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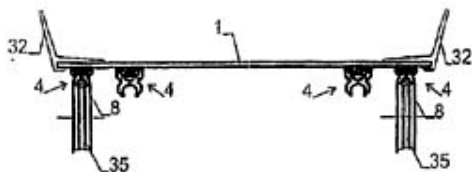
(72)**Name of Inventor :**
1)SWITZENY, KURT

No of Pages : 26

No of Claims : 30

(57) Abstract :

Disclosed is a conveying apparatus comprising a belt conveyor (1), on the bottom face of which spring elements(4)are provided.One or several traction ropes or conveying ropes (8)can be embraced in a springy manner by said spring element(4).The conveying tract can be subdivided into several sections,each of which is provided with its own ropes(8)for driving the belt conveyor.between the sections,the spring elements are removed from the ropes(8)of one section by expanding the same and are placed around the ropes(8)of the respective section,thus allowing the belt conveyor(1)to be conveyed along many different sections using many different techniques.Laterally providing sidewalls(31)are provided on the lateral edges of the belt conveyor(1).Said sidewalls(31)are positioned at a non-orthogonal angle relative to the belt conveyor in order not to block the necessary movements when the belt conveyor is deflected.



(54) Title of the invention : STACKED MODULE SYSTEMS AND METHODS

(51) International classification	:H01L 23/02
(31) Priority Document No	:10/836,855
(32) Priority Date	:30/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/013336
Filing Date	:19/04/2005
(87) International Publication No	:WO 2005/112100
(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 :

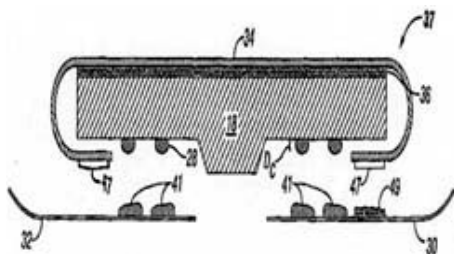
1)PARTRIDGE, JULIAN**2)WEHRLY, JR., DOUGLAS**

No of Pages : 24

No of Claims : 31

(57) Abstract :

The present invention stacks chip scale-packaged integrated circuits(CSPs)into modules that conserve PWB or other board surface area.In a preferred embodiment in accordance with the invention,a form standard sassociated with one or more CSPs provides a physical form that allows many of the varying package sizes found in the broad family of CSP packages to be used to advantage while employing a standara connective flex circuitry design.In a preferred embodiment,the contacts of the lower CSP will be compressed before flex circuitry is attached to a combination of the CSP and a form standard to create lower profile contacts between CSP and the flex circuitry.



(54) Title of the invention : A DIRECT REDUCTION PROCESS.

(51) International classification	:C21B 13/00
(31) Priority Document No	:2004902898
(32) Priority Date	:31/05/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/EP2005/005465
Filing Date	:20/05/2005
(87) International Publication No	:WO 2005/116274
(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 :RIIHITONTUNTIE 7,FI-02200 ESPOO,
 FINLAND Finland

(72)**Name of Inventor :**
1)ORTH ANDREAS
2)EICHBERGER HEINZ
3)PHILP DONALD KEITH (DECEASED)
4)DRY ROD

No of Pages : 35

No of Claims : 44

(57) Abstract :

A direct reduction process for a solid metalliferous material having a particle size distribution that at least in part comprises micron sized particles, comprises supplying the metalliferous material, a solid carbonaceous material, an oxygen-containing gas, and a fluidizing gas into a fluidized bed in a vessel and maintaining the fluidized bed in the vessel, at least partially reducing metalliferous material in the vessel, and discharging a product stream that comprises the at least partially reduced metalliferous material from the vessel. The process is characterized by: (a) establishing and maintaining a carbon-rich zone within the fluidized bed; (b) passing metalliferous material, including metallised material (which term includes partially metallised material), through the carbon-rich zone; and (c) injecting the oxygen-containing gas into the carbon-rich zone and oxidizing metallised material, solid carbonaceous material and other oxidisable solids and gases and causing controlled agglomeration of particles.

(54) Title of the invention : A DIRECT REDUCTION PROCESS AND APPARATUS.

(51) International classification :C21B13/00;
C21B13/14
(31) Priority Document No :2004902899
(32) Priority Date :31/05/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/EP2005/005464
Filing Date :20/05/2005
(87) International Publication No :WO 2005/116273
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

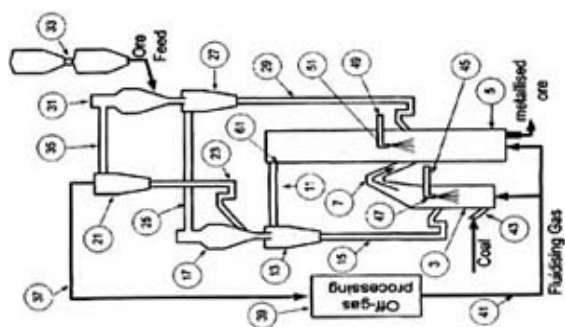
(71)**Name of Applicant :**
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Address of Applicant :RIIHITONTUNTIE 7 , FI-02200 ESPOO,
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1)ORTH ANDREAS
2)EICHBERGER HEINZ
3)PHILP DONALD KEITH (DECEASED)
4)DRY ROD

No of Pages : 25

No of Claims : 47

(57) Abstract :

A direct reduction process for a metalliferous material comprises: supplying a solid carbonaceous material and an oxygen-containing gas into a fluidised bed in a first vessel (3) and generating heat by reactions between the oxygen-containing gas and the solid carbonaceous material and any other oxidisable solids and gases in the fluidised bed and discharging a hot off-gas stream containing entrained solids; and supplying the metalliferous material to a fluidised bed in a second vessel and supplying the hot off-gas stream containing entrained solids from the first vessel to the fluidised bed in the second vessel and at least partially reducing the metalliferous feed material in the solid state in the fluidized bed and discharging a product stream of at least partially reduced metalliferous material and an off-gas stream containing entrained solids.



(54) Title of the invention : DIRECT REDUCTION PROCESS USING A SINGLE FLUIDISED BED.

(51) International classification :C21B13/00;
C22B5/14
(31) Priority Document No :2004902900
(32) Priority Date :31/05/2004
(33) Name of priority country :Australia
(86) International Application No :PCT/EP2005/005472
Filing Date :20/05/2005
(87) International Publication No :WO 2005/116280
(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 :

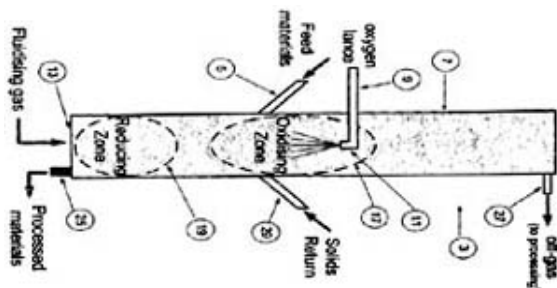
1)ORTH ANDREAS**2)EICHBERGER HEINZ****3)PHILP DONALD KEITH (DECEASED)****4)DRY ROD**

No of Pages : 34

No of Claims : 42

(57) Abstract :

A direct reduction process for a metalliferous material comprises supplying the metalliferous material, a solid carbonaceous material, an oxygen-containing gas, and a fluidising gas into a fluidised bed in a vessel and maintaining the fluidised bed in the vessel, at least partially reducing metalliferous material in the vessel, and discharging a product stream that comprises the at least partially reduced metalliferous material from the vessel. The process is characterised by. (a) reducing the metalliferous material in a solid state in a metal-rich zone in the vessel, (b) injecting the oxygen-containing gas into a carbon-rich zone in the vessel with a downward flow in a range of plus or minus 40 degrees to the vertical and generating heat by reactions between oxygen and the metalliferous material (including metalliferous material), the solid carbonaceous material and other oxidisable solids and gases in the fluidised bed, and (c) transferring heat from the carbon-rich zone to the metal-rich zone by movement of solids within the vessel. The metal-rich zone is formed in a lower section of the vessel and the carbon-rich zone is an intermediate section below an upper section of the vessel. Oxygen-containing gas is injected into a central region of the vessel.



(54) Title of the invention : A DIRECT REDUCTION APPARATUS AND PROCESS.

(51) International classification	:C21B 13/00
(31) Priority Document No	:2004902901
(32) Priority Date	:31/05/2004
(33) Name of priority country	:Australia
(86) International Application No	:PCT/EP2005/005471
Filing Date	:20/05/2005
(87) International Publication No	:WO 2005/116275
(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)PHILP DONALD KEITH(DECEASED)
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No of Pages : 39

No of Claims : 37

(57) Abstract :

An apparatus for reducing a metalliferous material in a fluidised bed comprises a vessel for containing the fluidised bed, a means for supplying the metalliferous material, a solid carbonaceous material, an oxygen-containing gas, and a fluidising gas into the vessel for forming the fluidised bed in the vessel. The oxygen-containing gas supply means comprises one or more than one oxygen-containing gas injection lance having a lance tip with an outlet that is positioned for injecting the oxygen-containing gas in a downward flow into the vessel within a range of plus or minus 40 degrees to the vertical.

(54) Title of the invention : NEUROLOGICALLY-ACTIVE COMPOUNDS.

(51) International classification	:C07D 239/88, 239/90	(71) Name of Applicant :
(31) Priority Document No	:2004901802	1)PRANA BIOTECHNOLOGY LIMITED
(32) Priority Date	:02/04/2004	Address of Applicant :LEVEL 2,369 ROYAL PARADE, PARKVILLE,
(33) Name of priority country	:Australia	VICTORIA 3052,AUSTRALIA Australia
(86) International Application No	:PCT/AU2005/000477	(72) Name of Inventor :
Filing Date	:01/04/2005	1)KOK GAIK BENG
(87) International Publication No	:WO 2005/095360	2)LEUNG BRENDA KWAN YI
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 141

No of Claims : 37

(57) Abstract :

Neurologically-active heterocyclic compounds comprising two fused 6-membered rings with nitrogen atoms at positions 1 and 3, a carboxy group at position 4, and a hydroxy group at position 8, with one ring being aromatic. Processes for the preparation of these compounds and their use as pharmaceutical or veterinary agents, in particular for the treatment of neurological conditions, and more specifically neurodegenerative conditions such as Alzheimer's disease.

(54) Title of the invention : DOSAGE FORM FOR DELIVERY OF MULTIPLE DRUG FORMS.

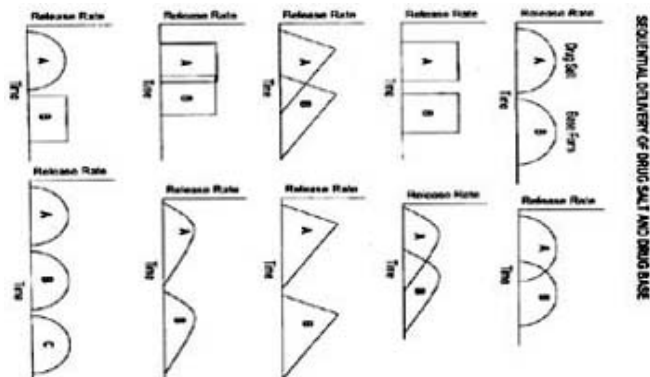
(51) International classification	:A61K 9/20, 9/28	(71) Name of Applicant :
(31) Priority Document No	:60/573,312	1)ALZA CORPORATION
(32) Priority Date	:21/05/2004	Address of Applicant :1900 Charleston Road (P.O.Box 7201), Mountain
(33) Name of priority country	:U.S.A.	View CA 94039-7210 U.S.A.
(86) International Application No	:PCT/US2005/017678	(72) Name of Inventor :
Filing Date	:20/05/2005	1)EDGREN, David E.
(87) International Publication No	:WO 2005/112896	2)HSU, Bih-Hsiung
(61) Patent of Addition to Application Number	:NA	3)LI, Shu
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 61

No of Claims : 11

(57) Abstract :

Disclosed are controlled release dosage forms and related methods including: (a) a micronized or liquid base form of a drug; (b) either a pharmaceutically acceptable salt form of the drug or starting materials that are capable of reacting to form a pharmaceutically acceptable salt form of the drug; (c) an upper gastrointestinal system pharmaceutically acceptable salt form releasing structure; and (d) a colonic system base form releasing structure.



(54) Title of the invention : APPARATUS AND METHOD FOR ENCODING AND DECODING BLOCK LOW DENSITY PARITY CHECK CODES WITH A VARIABLE CODING RATE

(51) International classification :H04B 1/69
 (31) Priority Document No :33329/2004
 (32) Priority Date :12/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001397
 Filing Date :12/05/2005
 (87) International Publication No :WO 2005/109662
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

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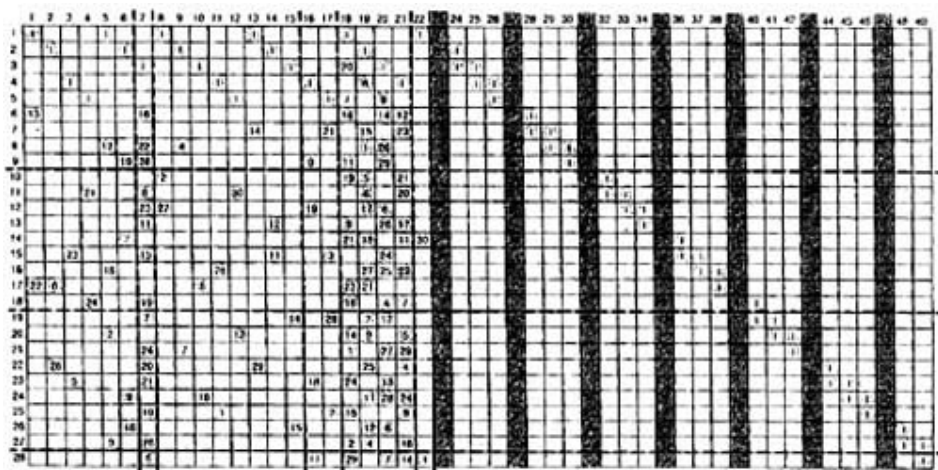
7)Jae-Yoel KIM

No of Pages : 74

No of Claims : 107

(57) Abstract :

An apparatus and method for coding a block Low Density Parity Check (LDPC) code having a variable coding rate. The apparatus receives an information word and encodes the information word into a block LDPC code based on one of a first parity check matrix and a second parity check matrix, depending on a coding rate to be applied when generating the information word into the block LDPC code.



(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING UPLINK ACKNOWLEDGEMENT INFORMATION IN AN OFDMA COMMUNICATION SYSTEM

(51) International classification :H04L 27/26
 (31) Priority Document No :39385/2004
 (32) Priority Date :31/05/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001630
 Filing Date :31/05/2005
 (87) International Publication No :WO 2005/117385
 (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)Jae-Ho JEON

3)Seung-Joo MAENG

4)Jeong-Heon KIM

5)Hee-Sang SEO

6)Jeong-Tae OH

No of Pages : 31

No of Claims : 49

(57) Abstract :

A method and apparatus for transmitting uplink acknowledge information (ACK) in a communication system using an orthogonal frequency division multiple access (OFDMA) scheme. The method includes receiving a data bit for the uplink ACK; outputting codewords corresponding to the data bit; performing quadrature phase shift keying (QPSK) modulation on symbols for ACK vector indexes corresponding to the codewords for the received data bit; performing inverse fast Fourier transform (IFFT) on a transmission signal having subcarrier clusters to which the modulated transmission symbols are allocated; and transmitting the IFFT-processed transmission signal.

VECTOR INDEX	SUBCARRIER MODULATION PER CODEWORD SUBCARRIER 0, SUBCARRIER 1, ..., SUBCARRIER 7
0	P0, P1, P2, P3, P0, P1, P2, P3
1	P0, P3, P2, P1, P0, P3, P2, P1
2	P0, P0, P1, P1, P2, P2, P3, P3
3	P0, P0, P3, P3, P2, P2, P1, P1
4	P0, P0, P0, P0, P0, P0, P0, P0
5	P0, P2, P0, P2, P0, P2, P0, P2
6	P0, P2, P0, P2, P2, P0, P2, P0
7	P0, P2, P2, P0, P2, P0, P0, P2

(54) Title of the invention : RECORDING MEDIUM HAVING A DATA STRUCTURE FOR MANAGING REPRODUCTION OF TEXT SUBTITLE DATA AND METHODS AND APPARATUSES ASSOCIATED THEREWITH.

(51) International classification :G11B 20/10
 (31) Priority Document No :60/566,923
 (32) Priority Date :03/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/KR2005/001260
 Filing Date :02/05/2005
 (87) International Publication No :WO 2005/104666
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

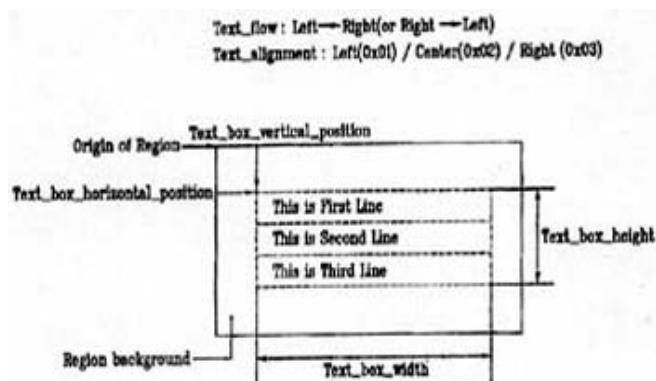
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 (72)**Name of Inventor :**
1)SEO KANG SOO
2)KIM BYUNG JIN
3)YOO JEA YONG

No of Pages : 81

No of Claims : 44

(57) Abstract :

A recording area of an example recording medium stores a text subtitle stream that includes a dialog style segment and at least one dialog presentation segment associated with the dialog style segment. The dialog style segment includes at least one set of style information. Each set of style information provides region positioning information for positioning a region in an image and text box positioning information for positioning a text box in the region. The dialog presentation segment includes at least one region subtitle information. The region subtitle information includes text subtitle data (e.g., style data and/or text string data) and a region style identifier, and the region style identifier identifies one of the sets of style information in the dialog style segment to apply to the text subtitle data.



(54) Title of the invention : IDENTIFICATION DEVICE FOR MULTILAYER TUBULAR STRUCTURES.

(51) International classification	:B31C3/00; B65D3/22
(31) Priority Document No	:10/818,379
(32) Priority Date	:05/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/011339
Filing Date	:01/04/2005
(87) International Publication No	:WO 2005/097604
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :****1)SONOCO DEVELOPMENT, INC.**Address of Applicant :NORTH SECOND STREET, HARTSVILLE, SC
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No of Pages : 20No of Claims : 23

(57) Abstract :

A multilayer tubular structure for products with an electronic detection device being embedded or interposed between two of the multiple layers of the tubular structure. The electronic detection device is responsive to radio frequencies and is able to store and transmit information about the multilayer tubular structure, the products, and processes that have been performed on same. A method is provided for manufacturing a multilayer tubular structure by embedding an electronic detection device between two of the multiple layers.

(54) Title of the invention : METHOD FOR FORMING A HARDENED SURFACE ON A SUBSTRATE.

(51) International classification	:C22C45/10
(31) Priority Document No	:10/841,873
(32) Priority Date	:06/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/015365
Filing Date	:02/05/2005
(87) International Publication No	:WO 2005/116286
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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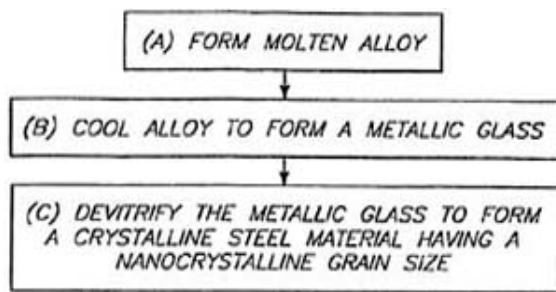
(72)**Name of Inventor :**
1)BRANAGAN DANIEL J.

No of Pages : 50

No of Claims : 13

(57) Abstract :

The invention encompasses a method of forming a metallic coating. A metallic glass coating is formed over a metallic substrate. After formation of the coating, at least a portion of the metallic glass can be converted into a crystalline material having a nanocrystalline grain size. The invention also encompasses metallic coatings comprising metallic glass. Additionally, the invention encompasses metallic coatings comprising crystalline metallic material, with at least some of the crystalline metallic material having a nanocrystalline grain size.



(54) Title of the invention : USE OF THERMOPLASTIC COMPOSITION COMPRISING POLYETHER-BLOCK COPOLY AMIDES AS ADDITIVE

(51) International classification	:C08L23/02; C08L77/12	(71) Name of Applicant : 1)TOTAL PETROCHEMICALS RESEARCH FELUY
(31) Priority Document No	:04102388.8	Address of Applicant :ZONE INDUSTRIELLE C, B-7181
(32) Priority Date	:28/05/2004	SENEFFE(FELUY) Belgium
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor : 1)MAZIERS, ERIC
(86) International Application No	:PCT/EP2005/052459	
Filing Date	:30/05/2005	
(87) International Publication No	:WO 2005/118708	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 29

No of Claims : 7

(57) Abstract :

The present invention discloses the use in rotomolding or slush molding applications of a composition comprising a polyolefin, a processing aid and optionally a UV-stabilizer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3186/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/11/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USE OF THERMOPLASTIC COMPOSITION COMPRISING POLYETHYLENE GLYCOL AS ADDITIVE.

(51) International classification	:C08L23/02; C08L71/02
(31) Priority Document No	:04102390.4
(32) Priority Date	:28/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/052461
Filing Date	:30/05/2005
(87) International Publication No	:WO 2005/118710
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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No of Pages : 25

No of Claims : 7

(57) Abstract :

The present invention discloses the use in rotomolding or slush molding applications of a composition comprising a polyolefin, a processing aid and optionally a UV-stabilizer.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3187/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :01/11/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : USE OF FLUOROPOLYMERS FOR ROTOMOLDING.

(51) International classification	:C08L23/02
(31) Priority Document No	:04102385.4
(32) Priority Date	:28/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/052455
Filing Date	:30/05/2005
(87) International Publication No	:WO 2005/118707
(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)MAZIER,ERIC

No of Pages : 25

No of Claims : 7

(57) Abstract :

The present invention discloses the use in rotomolding or slush molding applications of a composition comprising a polyolefin, a processing aid and optionally a UV-stabilizer.

(54) Title of the invention : USE OF THERMOPLASTIC COMPOSITION COMPRISING THERMOPLASTIC POLYURETHANES AS ADDITIVE.

(51) International classification	:C08L 23/02
(31) Priority Document No	:04102391.2
(32) Priority Date	:28/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/052462
Filing Date	:30/05/2005
(87) International Publication No	:WO 2005/118711
(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)MAZIERS,ERIC

No of Pages : 25

No of Claims : 7

(57) Abstract :

The present invention discloses the use in rotomolding or slush molding applications of a composition comprising a polyolefin, a processing aid and optionally a UV-stabilizer.

(54) Title of the invention : TRUNCATED ADAMTS MOLECULES.

(51) International classification :C12N 9/50, 15/57
 (31) Priority Document No :60/562,687
 (32) Priority Date :16/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012997
 Filing Date :18/04/2005
 (87) International Publication No :WO 2005/103287
 (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 :

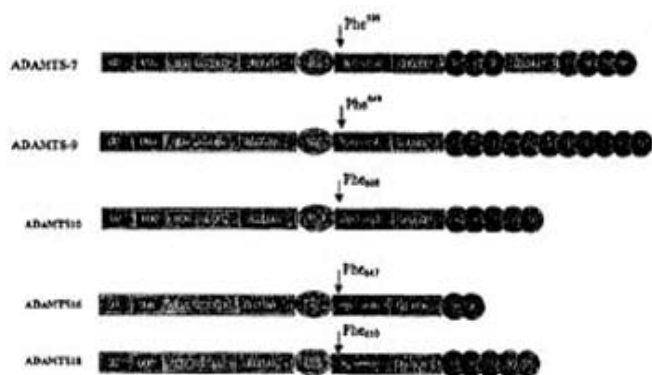
1)CORCORAN,CHRISTOPHER,,JOHN**2)LAVALLIE,EDWARD****3)COLLINS-RACIE,LISA,A.****4)TWINE,NATALIE,C.****5)AGOSTINO,MICHAEL, J.**

No of Pages : 159

No of Claims : 20

(57) Abstract :

The invention provides truncated biologically active ADAMTS polypeptides, particularly those with hyalactenase activity, and more particularly those with aggrecanase activity, that exhibit greater stability and homogeneity and higher expression yields than their full-length counterparts. The invention also provides nucleic acid molecules encoding such truncated biologically active ADAMTS polypeptides and methods for producing the truncated biologically active ADAMTS polypeptides. In addition, the invention provides methods for identifying compounds capable of modulating biologically active ADAMTS polypeptides, particularly those compounds that inhibit aggrecanase activity.



(54) Title of the invention : USE OF POLYETHERESTERS FOR ROTOMOLDING.

(51) International classification	:C08L23/02
(31) Priority Document No	:04102389.6
(32) Priority Date	:28/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/052460
Filing Date	:30/05/2005
(87) International Publication No	:WO 2005/118709
(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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No of Pages : 25

No of Claims : 7

(57) Abstract :

The present invention discloses the use in rotomolding or slush molding applications of a composition comprising a polyolefin, a processing aid and optionally a UV-stabilizer.

(54) Title of the invention : NOVEL PYRIDAZINONE DERIVATIVES AS INHIBITORS OF CDK2.

(51) International classification	:C07D 401/14
(31) Priority Document No	:04011735.0
(32) Priority Date	:18/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/006046
Filing Date	:17/05/2005
(87) International Publication No	:WO 2005/111019
(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)HOELDER SWEN**2)MULLER GUNTER****3)SCHOENAFINGER KARL****4)WILL DAVID WILLIAM****5)MATTER HANS****6)BOSSART MARTIN****7)COMBEAU CECILE****8)DELAISI CHRISTINE****9)SASSOON INGRID****10)STEINMETZ ANKE****11)BERNARD DIDIER**

No of Pages : 82

No of Claims : 13

(57) Abstract :

The present invention relates to compounds according to the general formula (I), with the definitions of the substituents X, R1 and R2 given below in the text, as well as their physiologically acceptable salts, methods for producing these compounds and their use as pharmaceuticals. These compounds are kinase inhibitors, in particular inhibitors of the kinase CDK2 (cyclin-dependent kinase 2).

(54) Title of the invention : MUCINOUS GLYCOPROTEIN (MUC-1) VACCINE.

(51) International classification :A61K 39/00
 (31) Priority Document No :60/558,139
 (32) Priority Date :01/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/IB2005/002479
 Filing Date :01/04/2005
 (87) International Publication No :WO 2005/112546
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

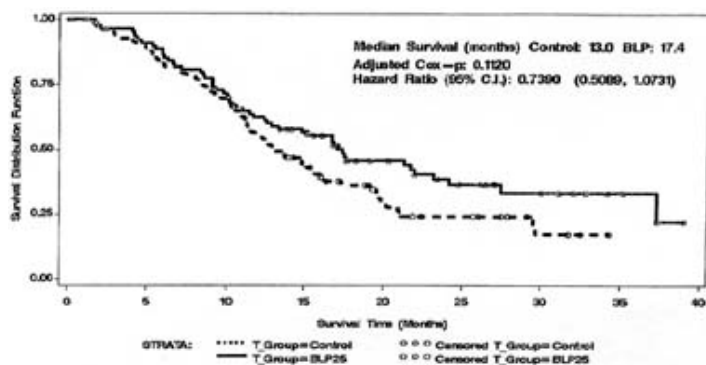
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 (72)**Name of Inventor :**
1)LONGENECKER MICHAEL B

No of Pages : 60

No of Claims : 30

(57) Abstract :

The present invention provides a method for treating an individual who is afflicted with a cancer, such as non-small cell lung cancer or prostate cancer, by administering to that individual a MUC-1 based formulation. The formulation may be a MUC-1 based liposomal vaccine formulation.



(54) Title of the invention : CARDBOARD PALLET.

(51) International classification	:B26F1/00
(31) Priority Document No	:04009201.7
(32) Priority Date	:19/04/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/002350
Filing Date	:05/03/2005
(87) International Publication No	:WO 2005/100178
(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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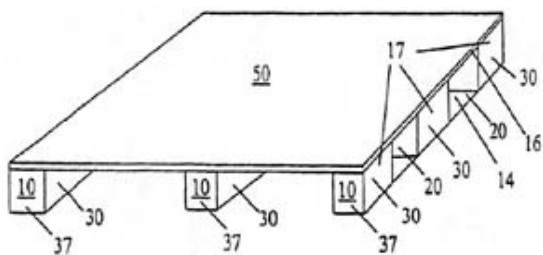
(72)**Name of Inventor :**
1)SCHADER HORST

No of Pages : 36

No of Claims : 36

(57) Abstract :

The invention relates to a pallet base (10) for a pallet (1), comprising a cardboard tube (11) having a rectangular cross-section. The cardboard tube (11) has open sections (20) that allow for a transverse passage through the pallet bases (10) and have closed load-bearing sections (30). Each of the closed, load-bearing sections (30) are divided up by reinforcement walls (32) into a plurality of compartments (34). The reinforcement walls (32) are formed by the inwardly folded side walls of the cardboard tube. The invention also relates to an installation (100) and to a method for producing the pallet bases (10). The invention also relates to a pallet (1) comprising the aforementioned pallet bases (10) and to a method for producing the pallet (1).



(54) Title of the invention : METHOD OF ASSESSMENT OF AIRWAY VARIABILITY IN AIRWAY HYPERRESPONSIVENESS

(51) International classification

:A61B5/085;

G06F17/18

(31) Priority Document No

:US60/567,446

(32) Priority Date

:04/05/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/CA2005/000664

Filing Date

:03/05/2005

(87) International Publication No

:WO 2005/104944

(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 :

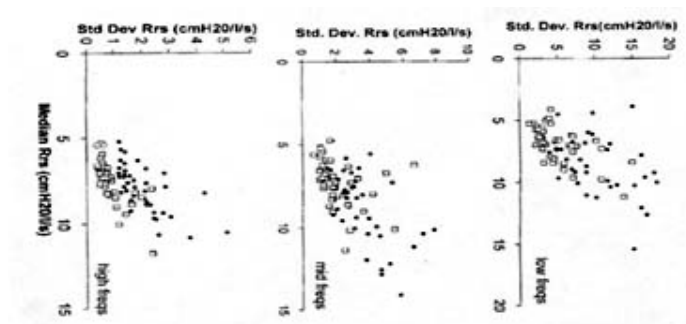
1)MAKSYM,Geoffrey,N.**2)LALL,Carolyn,A**

No of Pages : 38

No of Claims : 12

(57) Abstract :

The invention relates to a method of assessing airway variability in airway responsiveness or asthma by measuring the variation of resistance (Rrs) by a forced oscillation technique utilizing either a single or a plurality of input frequencies during a plurality of respiratory cycles of a patient; calculating the statistical variability of the Rrs for the patient; and, correlating the statistical variability of the Rrs of the patient to a standard curve to quantify the degree of asthma of the patient. The invention also enables the effectiveness of a bronchoactive agent to be measured.



(54) Title of the invention : A ROLLER PUMP.

(51) International classification :F04B 43/12
 (31) Priority Document No :10 2004 024 102.3
 (32) Priority Date :14/05/2004
 (33) Name of priority country :Germany
 (86) International Application No :PCT/EP2005/005191
 Filing Date :12/05/2005
 (87) International Publication No :WO 2005/111424
 (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 :

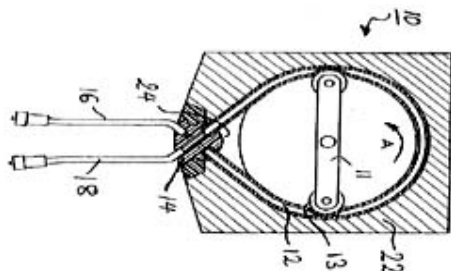
1)BAUMANN, MANFRED**2)BREITKOPF, Berthhold****3)HUGEL, Elmar****4)NEUBAUER, Herbert****5)NURNBERGER, Thomas****6)SPENGLER, Gerhard****7)WAMSIEDLER, Ralf****8)BIESEL, Wolfgang****9)BUSSE, Christian****10)CARONNA, Marco****11)JONAS, Jorg****12)REITTER, Reinhold****13)APEL, Jorn****14)LAUER, Martin**

No of Pages : 13

No of Claims : 18

(57) Abstract :

The invention relates to a roller pump consisting of a stator with a pump bed formed therein and a rotor for acting on a house inserted into the pump bed in arcuate form. In accordance with the invention, the ends of the tube guided out of the pump bed cross.



(54) Title of the invention : APPLICATION OF LUBRICANT IN ORDER TO PRODUCE A STRUCTURE THAT IS ABLE TO WITHSTAND HIGH TEMPERATURE.

(51) International classification :B01J35/04;
B23K1/00
(31) Priority Document No :102004021038.1
(32) Priority Date :29/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/004337
Filing Date :22/04/2005
(87) International Publication No :WO 2005/107989
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

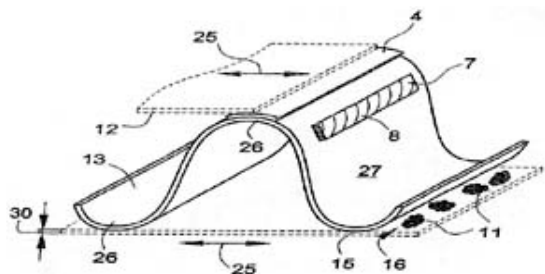
(71)**Name of Applicant :**
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Address of Applicant :Hauptstrasse 150 53797 Lohmar Germany Germany
(72)**Name of Inventor :**
1)ALTHOFER,Kait

No of Pages : 25

No of Claims : 13

(57) Abstract :

A process for producing a structure (1) which is able to withstand high temperatures and comprises at least one at least partially structured metallic sheet (2), the method comprising at least the following steps: (a) deforming a smooth metallic sheet (2) by means of a rolling process, in which oil (3) at least partially wets the at least one sheet (2); (b) at least partially removing the oil (3); (c) feeding lubricant (4) onto at least one subsection (5) of the at least one sheet (2); (d) at least partially shaping the structure (1); (e) producing joins in order to fix the structure (1).



(54) Title of the invention : USE OF A CATIONIC SILICON DIOXIDE DISPERSION AS A TEXTILE FINISHING AGENT.

(51) International classification	:C09C1/30; D06M11/79	(71) Name of Applicant : 1)DEGUSSA AG Address of Applicant :Bennigsenplatz 1 40474 Dusseldorf Germany Germany
(31) Priority Document No	:10 2004 021 092.6	(72) Name of Inventor :
(32) Priority Date	:29/04/2004	1)Dr.Christoph Batz-Sohn
(33) Name of priority country	:Germany	2)Dr. Wolfgang Lortz
(86) International Application No	:PCT/EP2005/004540	3)Heinz Lach
Filing Date	:28/04/2005	4)Gabriele Perlet
(87) International Publication No	:WO 2005/106106	5)Werner Will
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 8

No of Claims : 9

(57) Abstract :

An aqueous dispersion for use as a finishing agent for textiles, wherein the dispersion contains a pyrogenically produced, aggregated silicon dioxide powder and a cationic polymer which is soluble in the dispersion, wherein the cationic polymer is present in a quantity such that the particles of the silicon dioxide powder exhibit a positive zeta potential.

(54) Title of the invention : SCALABLE SYNTHESIS OF IMIDAZOLE DERIVATIVES.

(51) International classification	:C07D 233/84
(31) Priority Document No	:60/569405
(32) Priority Date	:07/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/016041
Filing Date	:06/05/2005
(87) International Publication No	:WO 2005/110998
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)**Name of Applicant :****1)JANSSEN PHARMACEUTICA N.V**Address of Applicant :Turnhoutseweg 30, B-2340,Beerse, Belgium
Belgium(72)**Name of Inventor :****1)JONES, TODD, K****2)MANI, Neelakandha**

No of Pages : 140

No of Claims : 70

(57) Abstract :

Imidazole derivatives, compositions containing them, methods of preparing them, including regioselective scale-up synthetic methods, and methods of using them.

(54) Title of the invention : DISPOSABLE BREWING DEVICE .

(51) International classification :B65D81/00
 (31) Priority Document No :NA
 (32) Priority Date :NA
 (33) Name of priority country :NA
 (86) International Application No :PCT/DK2004/000310
 Filing Date :05/05/2004
 (87) International Publication No :WO 2005/105604
 (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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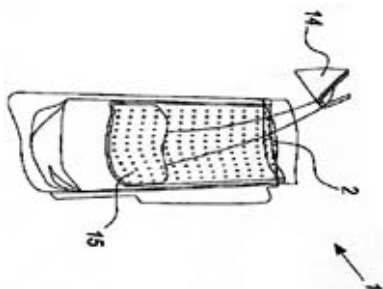
(72)**Name of Inventor :**
1)RASMUSSEN ULRIK SKOVGAARD
2)SCHULZ WERNER

No of Pages : 37

No of Claims : 52

(57) Abstract :

The invention relates to a disposable brewing device (1) comprising at least one inner compartment (2) said inner compartment being formed by a liquid-permeable material (4) and containing aroma material (5), at least one outer compartment forming a brewing container (3) said brewing container being formed by a liquid-impermeable material (6), said at least one liquid-permeable inner compartment (2) being integrated within said brewing container (3).



(54) Title of the invention : SYSTEM AND METHOD FOR INITIATING AND CONDUCTING POLITE COMMUNICATIONS.

(51) International classification	:H04M 1/663
(31) Priority Document No	:11/093,486
(32) Priority Date	:30/03/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2006/08329
Filing Date	:06/03/2006
(87) International Publication No	:WO 2006/107496
(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)HARRIS JOHN M.
2)CROCKER RONALD T.

No of Pages : 21

No of Claims : 11

(57) Abstract :

A target mobile station (104) is operated in an automatic answer mode. At least one session invitation (106) is received at the target mobile station (104). The session invitation (106) requests that a user manually accept the session invitation (106) thereby, at least temporarily, overriding the automatic answer mode. A determination is made as to whether to manually accept the at least one session invitation (106).

(54) Title of the invention : METHOD OF COMMUNICATION UTILIZING POWER LINE.

(51) International classification

:H04B3/54;

H04B3/54

(31) Priority Document No

: WO2004JP06032

(32) Priority Date

:07/05/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2004/006032

Filing Date

:07/05/2004

(87) International Publication No

:WO 2005/109667

(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 :

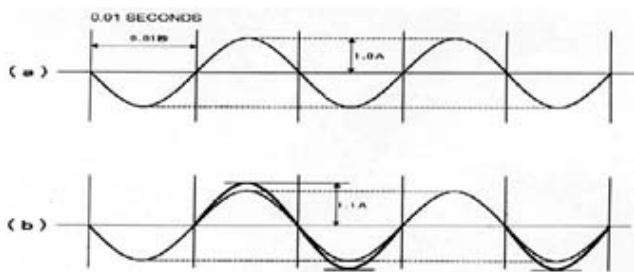
1)TAGUCHI MAKOTO

No of Pages : 30

No of Claims : 13

(57) Abstract :

A method for performing communication by utilizing the AC current in a power line without requiring any modulation or superposition of a high frequency. In' the communication method utilizing the AC current in a secondary power line (L), an electric load (e.g. a load current) is imparted to the secondary power line (L), the load current is added to one AC current wavelength of the secondary power line (L), and an AC current including the processed waveform is transmitted as an information signal.



(54) Title of the invention : SUSPENSION MAT WITH PLASTIC LINKS.

(51) International classification	:A47C7/30; B60N2/70
(31) Priority Document No	:04010765.8
(32) Priority Date	:06/05/2004
(33) Name of priority country	:EUROPEAN UNION
(86) International Application No	:PCT/EP2005/004514
Filing Date	:27/04/2005
(87) International Publication No	:WO 2005/108160
(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 :

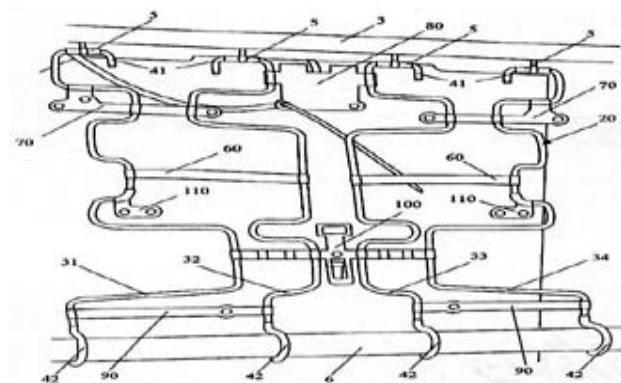
1)RIBEIRO, SUSANA, CARLA, PINTO

No of Pages : 28

No of Claims : 20

(57) Abstract :

The present invention relates to a suspension mat (20) for a motor vehicle seat, comprising a plurality of suspension wires (30, 31, 32, 33, 34) and a plurality of plastic links (50, 60, 70, 80, 90, 100), wherein the plastic links (50, 60, 70, 80, 90, 100) pin joint the suspension wires (30, 31, 32, 33, 34) with each other. Further, the invention relates to a method for the production of such a suspension mat (20).



(54) Title of the invention : ENANTIOSELECTIVE PHOSPHORAMIDITE COMPOUNDS AND CATALYSTS.

(51) International classification :B01J31/18;
C07B53/00
(31) Priority Document No :60/566,969
(32) Priority Date :29/04/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015000
Filing Date :29/04/2005
(87) International Publication No :WO 2005/111050
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

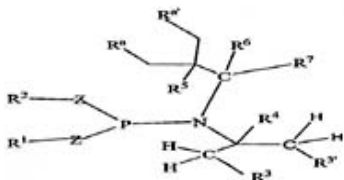
(71)**Name of Applicant :**
1)YALE UNIVERSITY
Address of Applicant :TWO WHITNEY AVENUE, NEW HAVEN, CT
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(72)**Name of Inventor :**
1)HARTWIG, JOHN, F.
2)LEITNER, ANDREAS
3)SHU, CHUTIAN

No of Pages : 90

No of Claims : 41

(57) Abstract :

This invention relates to phosphoramidite compounds and catalyst complexes which can be used to provide enantioselective reactions including hydroamination reactions, etherification reactions and conjugate addition reactions and allylic substitution reactions, among others. In a first aspect, the present invention is directed to phosphoramidite and related compounds according to general structure (I), where Z is absent or is a group containing O, N or S, preferably O; R¹ and ~R² are independently an optionally substituted C1-12 alkyl group, an optionally substituted (CH₂)_n-aromatic group or (CH₂)_n-heteroaromatic group, or are linked together to form an optionally substituted aliphatic or (CH₂)_n-aromatic dianion of a diol, diamine, dithiol, aminoalcohol, aminohiolate or a alcoholthiol group; R³' and R³ are each independently H, an optionally substituted C1-C12 alkyl group or an optionally substituted (CH₂)_n-aromatic group with the proviso that R³' and R³ are not both H, or together R³' and R³ form an optionally substituted C5-C15 saturated or unsaturated carbocyclic ring, R⁴ is H, an optionally substituted C1-C12 alkyl group or an optionally substituted (CH₂)_n-aromatic group; R⁵ is absent, H, an optionally substituted C1-C12 alkyl group or an optionally substituted (CH₂)_n-aromatic or (CH₂)_n-heteroaromatic group; R_a and R_a' are each independently H or a C1-C3 alkyl group, or R_a and R_a' together with the carbon to which they are attached form a optionally substituted C5-C15 saturated or unsaturated carbocyclic or heterocyclic ring, or an aromatic or heteroaromatic ring; R₆ and R₇ are each independently H, an optionally substituted C1-C12 alkyl group or an optionally substituted (CH₂)_n-aromatic group, with the proviso that R₅, R₆ and R₇ cannot simultaneously be H, and when R_a and R_a', together with the carbon to which they are attached, form a carbocyclic ring, heterocyclic ring or an aromatic or heteroaromatic ring, R₅ is absent or is preferably H; R₆ and R₇ are preferably H or CH₃; and each n is independently 0, 1, 2, 3, 4, 5 or 6 and wherein at least one of the carbon atoms attached to the nitrogen of the phosphoramidite group is a chiral center.



(54) Title of the invention : CONSTRUCTIONAL MODULAR SYSTEM WITH REMOVABLE MAGNETIC FRAMEWORK.

(51) International classification

:A63H33/04;

A63H33/10

(31) Priority Document No

:MI2004A000822

(32) Priority Date

:27/04/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/EP2005/000655

Filing Date

:24/01/2005

(87) International Publication No

:WO 2005/102489

(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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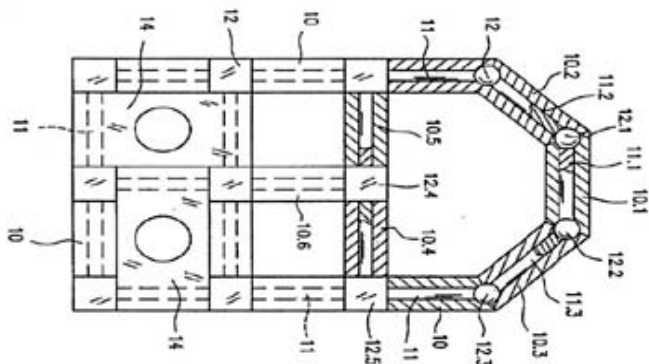
1)VICENTELLI, CLAUDIO

No of Pages : 41

No of Claims : 30

(57) Abstract :

The system comprises a plurality of modular blocks (10, 14) of nonmagnetic material, to be assembled to create compositions imitating, for example, a building, a doll, an animal, a vehicle or any other fancying assembly; a framework for connecting the blocks, comprises a plurality of magnetic frame members (11, 12) removably disposable into corresponding seatings (13, 17) in each modular block (10, 14), or between adjacent blocks of the composition. The modular blocks (11,12) and the magnetic frame members of framework have shoulder surfaces (18, 19) mutually engageable in the assembled condition of the assembly.



(54) Title of the invention : SUBSTITUTED ARYL AND HETEROARYL DERIVATIVES AS MODULATORS OF METABOLISM AND THE PROPHYLAXIS AND TREATMENT OF DISORDERS RELATED THERETO.

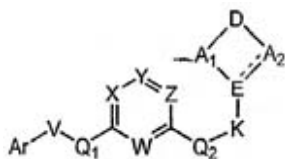
(51) International classification :C07D239/48; C07D401/ (31) Priority Document No :60/577,354 (32) Priority Date :04/06/2004 (33) Name of priority country :U.S.A. (86) International Application No :PCT/US2005/019318 Filing Date :02/06/2005 (87) International Publication No :WO 2005/121121 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)ARENA PHARMACEUTICALS,INC. Address of Applicant :6166 NANCY RIDGE DRIVE , SAN DIEGO,CA 92121, U.S.A. U.S.A. (72)Name of Inventor : 1)JONES,ROBERT,M 2)SEMPLE,GRAEME 3)XIONG,YIFENG 4)SHIN,YOUNG-JUN 5)REN,ALBERT,S 6)LEHMANN,JUERG 7)FIORAVANTI,BEATRIZ 8)BRUCE,MARC,A 9)CHOI ,JIN SUN KAROLINE

No of Pages : 214

No of Claims : 42

(57) Abstract :

The present invention relates to certain substituted aryl and heteroaryl derivative of Formula (I) that are modulators of metabolism, especially of the activity of a GPCR, referred to herein as RUP3. Accordingly, compounds of the present invention are useful in the treatment of metabolic-related disorders and complications thereof, such as, diabetes and obesity.



(54) Title of the invention : SUBSTRATE PROVIDED WITH A MULTILAYER HAVING THERMAL PROPERTIES.

(51) International classification :B32B17/06;
C03C17/36
(31) Priority Document No :0404804
(32) Priority Date :05/05/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR05/050282
Filing Date :27/04/2004
(87) International Publication No :WO 2005/110939
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

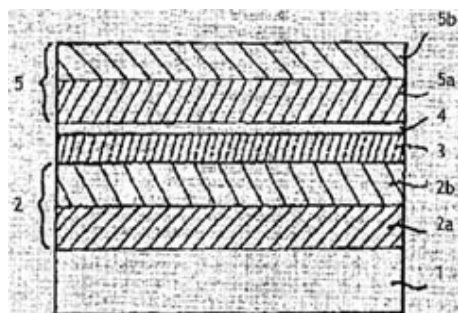
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(72)**Name of Inventor :**
1)LABROUSSE,LAURENT
2)PETITJEAN,ERIC

No of Pages : 19

No of Claims : 13

(57) Abstract :

The invention relates to a substrate (1) provided with a thin-film multilayer comprising an alternation of n functional layers (3) having reflection properties in the infrared and/or in solar radiation, and (n+1) coatings (2, 5), where $n > 1$, said coatings being composed of a layer or a plurality of layers {2a, 2b, 5a, 5b}, characterized in that, in order to preserve the optical and/or mechanical quality of the multilayer in the case in which the substrate (1) provided with said multilayer is subjected to a heat treatment of the toughening, bending or annealing type, at least one of the functional layers (3) includes a blocker coating (4) consisting of: o on the one hand, a "protection" layer made of a material capable of helping to protect the functional layer from oxidizing and/or nitriding attack, immediately in contact with said functional layer; and o on the other hand, at least one "adhesion" layer made of a material capable of promoting adhesion, immediately in contact with said "protection" layer.



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3208/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :03/11/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : LIQUIDS.

(51) International classification	:C07C215/40; C07C215/
(31) Priority Document No	:0407908.3
(32) Priority Date	:07/04/2004
(33) Name of priority country	:U.K.
(86) International Application No	:PCT/GB05/001364
Filing Date	:07/04/2005
(87) International Publication No	:WO 2005/097731
(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)WALKER, ADAM, JOHN

No of Pages : 38

No of Claims : 9

(57) Abstract :

The present invention relates to ionic liquid comprising an anion and a cation wherein the cation is a primary, secondary or tertiary ammonium ion containing a protonated nitrogen atom.

(54) Title of the invention : REPRODUCER, PROGRAM, AND REPRODUCING METHOD.

(51) International classification

:G11B20/10;

G11B20/12

(31) Priority Document No

:JP2004-141560

(32) Priority Date

:11/05/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/008488

Filing Date

:10/05/2005

(87) International Publication No

:WO 2005/109434

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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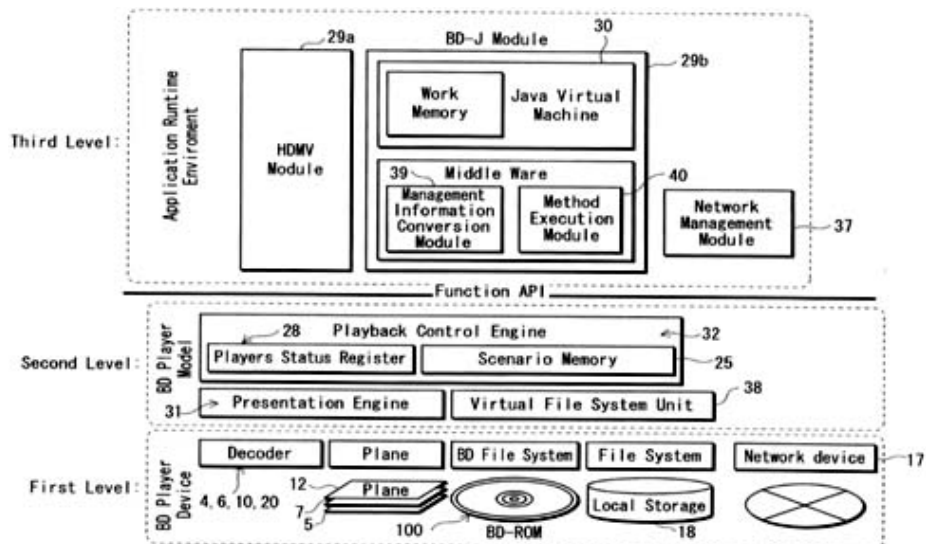
1)TOMOKAZU KANAMARU**2)KEIICHI TANAKA****3)MASAHIRA OASHI**

No of Pages : 71

No of Claims : 6

(57) Abstract :

When a plurality of AVClips recorded on a BD-ROM and Local Storage 18 constitute one stream sequence, a Playback Control Engine 32 starts playback if at least one AVClip of the stream sequencers in an enable status, even when the stream sequence also includes an AVClip which is in a disable status. While one AVClip is being played back, a Virtual FileSystem unit 38 changes a remaining AVClip to the enable status of being recognizable by the Playback Control Engine 32 or the disable status of being unrecognizable by the Playback Control Engine 32, according to a method call by an application.



(54) Title of the invention : PROTECTIVE SWITCHING APPARATUS AND CORRESPONDING METHOD FOR ADJUSTING THE SAME.

(51) International classification	:H01H71/74; H01H71/00	(71) Name of Applicant : 1)Siemens Aktiengesellschaft Address of Applicant :Wittelsbacherplatz 2, 80333 Munchen, Germany. Germany
(31) Priority Document No	:102004024101.5	(72) Name of Inventor :
(32) Priority Date	:14/05/2004	1)Alois Bierschneider
(33) Name of priority country	:Germany	2)Bernhard Schmid
(86) International Application No	:PCT/EP2005/052175	
Filing Date	:12/05/2005	
(87) International Publication No	:WO 2005/112064	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 16

No of Claims : 9

(57) Abstract :

The aim of the invention is to adjust the distance between the plunger (5) and the tripping section (34) of a tripping arm in an improved manner in a residual-current circuit-breaker. To achieve this, the angular position of a tripping lever (32) of the tripping arm (3) can be modified about a common axis in relation to a half-shaft (7), which meshes with a force accumulator (1). Said angle is preferably modified by means of a ratchet mechanism (33,37). This permits a precise adjustment without the need for special tools.

(54) Title of the invention : GPS NAVIGATION USING SUCCESSIVE DIFFERENCES OF CARRIER-PHASE MEASUREMENTS.

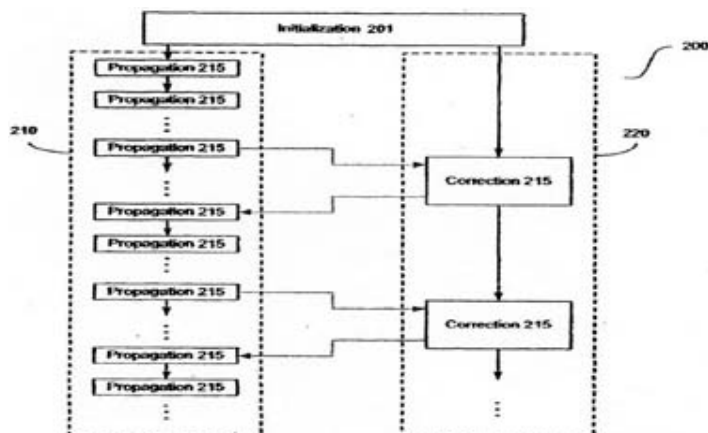
(51) International classification	:G01S5/14; G01S5/14	(71) Name of Applicant :
(31) Priority Document No	:10/841,689	1)NAVCOM TECHNOLOGY,INC.
(32) Priority Date	:07/05/2004	Address of Applicant :20780 Madrona Avenue,Torrance, CA90503 U.S.A
(33) Name of priority country	:U.S.A.	U.S.A.
(86) International Application No	:PCT/US2005/007259	(72) Name of Inventor :
Filing Date	:03/03/2005	1)HATCH,Ronald,R.
(87) International Publication No	:WO 2005/114250	2)SHARPE,Richard,T
(61) Patent of Addition to Application Number	:NA	3)YANG,Yunchun
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 21

(57) Abstract :

The present invention includes a process for navigating an object according to signals from satellites by propagating the position of the object forward in time using successive changes in the carrier-phase measurements. The process computes at a low rate matrices required for solving for the position of the objects, and repeatedly uses the most recently computed matrices to compute position updates at a high rate until the next low-rate computation is completed.



(54) Title of the invention : PRINTING UNITS OF A ROLLER ROTARY PRINTING MACHINE.

(51) International classification	:B41F13/24; B41F13/30
(31) Priority Document No	:102004017287.0
(32) Priority Date	:05/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/051365
Filing Date	:23/03/2005
(87) International Publication No	:WO 2005/097505
(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)FISHER,MICHAEL HEINZ 2)REDER,WOLFGANG OTTO 3)SCHAFFER,KARL ROBERT 4)SCHNEIDER,GEORG

No of Pages : 113

No of Claims : 126

(57) Abstract :

The invention pertains to printing units of a roller rotary printing machine with a side frame, on to which at least one printing cylinder of at least one printing mechanism designed as transmission cylinder and a co-working stereo cylinder are supported, whereby an inking unit having a roller is allocated to the printing mechanism.

(54) Title of the invention : DEVICE FOR MOUNTING A CYLINDER, PRINTING UNIT AND METHOD FOR SETTING A PRINT-ON-POSITION.

(51) International classification	:B41F13/30; F16C13/02
(31) Priority Document No	:102004017287.0
(32) Priority Date	:05/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/051359
Filing Date	:23/03/2005
(87) International Publication No	:WO 2005/097504
(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)SCHAFER,KARL ROBERT
2)SCHNEIDER,GEORG

No of Pages : 90

No of Claims : 58

(57) Abstract :

The invention pertains to a device for mounting a cylinder of a printing unit with a mounting block having a radial ball bearing and that can be moved along in linear bearings in setting direction. The mounting is designed as mounting unit in the form of a completely mountable component, which apart from the radial ball bearing also includes both the bearing elements working together that allow relative movement of the mounting block.

(54) Title of the invention : "MEDICAMENT HOUSING APPARATUS HAVING OUTER AND INNER CONTAINERS."

(51) International classification

:B65D1/02;

B65D23/14

(31) Priority Document No

:60/573,453

(32) Priority Date

:21/05/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/017027

Filing Date

:16/05/2005

(87) International Publication No

:WO 2005/115869

(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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PHILADELPHIA PA19101 U.S.A.

(72)Name of Inventor :

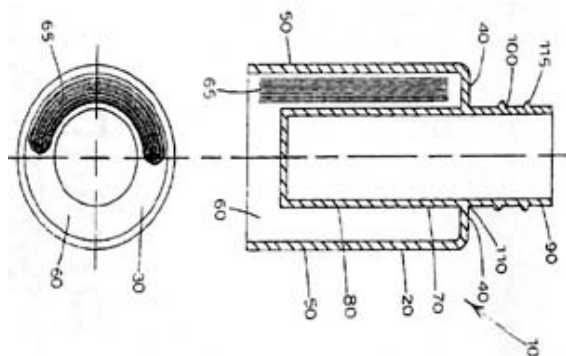
1)KILLINGER FRED MIERAS

No of Pages : 16

No of Claims : 21

(57) Abstract :

The present invention relates to a packaging system (10) including an outer container (20) and an inner container (70) present within the outer container A void space (60) is present between the outer container (20) and the inner container (70) for receiving an outsert (65)



(54) Title of the invention : BODY PIERCING INSTRUMENT.

(51) International classification	:A44C7/00; A61B17/34
(31) Priority Document No	:10/863,681
(32) Priority Date	:08/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/019806
Filing Date	:03/06/2005
(87) International Publication No	:WO 2005/122819
(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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90248 U.S.A.

(72)Name of Inventor :

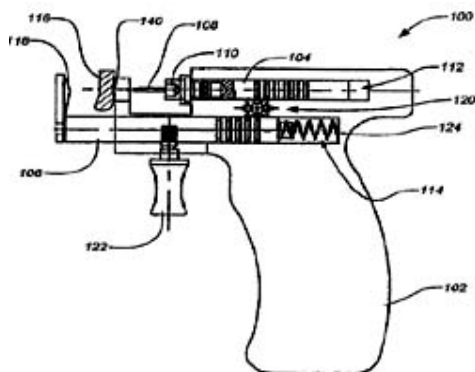
1)REIL, VLADIMIR

No of Pages : 33

No of Claims : 13

(57) Abstract :

Apparatuses and methods for a ornamental piercing of body parts are disclosed. An exemplary a piercing instrument includes a post carrier (104) disposed to translate in a first channel (112) within the body piercing instrument, a nut carrier (106) disposed to translate in second channel (114) within the body piercing instrument in opposition to translation of the post carrier (104) and a synchronizing mechanism (120) between the post carrier (104) and the nut carrier (106) to coordinate opposing motion relative to the body piercing instrument of both the post carrier (104) and the nut carrier (106) simultaneously. The synchronizing mechanism (120) can be a gear (130), where the post and nut carriers (104, 106) include racks (126, 128) that engage the gear (130). The body piercing instrument can be hand-operated and also include a stabilizing surface (140) to support the body part (116) to be pierced during operation.



(54) Title of the invention : DEVICE AND METHOD FOR IMPROVING SIGNAL-TO-NOISE RATIO USING COMPLEMENTARY SEQUENCES.

(51) International classification

:H04B15/00;
H04L27/00

(31) Priority Document No

:10/832,128

(32) Priority Date

:26/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/ES2005/000241

Filing Date

:22/04/2005

(87) International Publication No

:WO 2005/104474

(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 :

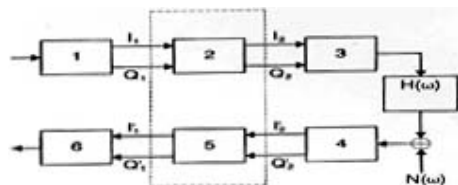
1)DIAZ FUENTE VICENTE**2)HERNANZ CHILOECHES DANIEL****3)BERIAN MUGICA JESUS**

No of Pages : 20

No of Claims : 7

(57) Abstract :

A device and method for improving the signal to noise ratio by means of complementary sequences, consisting of the use of M complementary sets of sequences, understanding complementary as the sums of their autocorrelations, resulting in a Kronecker delta, the M value coinciding with the number of complementary sets of sequences which are orthogonal to one another, understanding by orthogonal that the sum of the cross-correlations of the complementary sequences of each set is zero.



(54) Title of the invention : DEVICE AND METHOD FOR THE OPTIMAL ESTIMATION OF DISTORTION OF A TRANSMISSION MEDIUM, COMPRISING THE SEQUENTIAL EMISSION OF PAIRS OF QUADRATURE COMPLEMENTARY SEQUENCES.

(51) International classification

:H04L27/18;
H04L27/18

(31) Priority Document No

:P 200401299

(32) Priority Date

:28/05/2004

(33) Name of priority country

:Spain

(86) International Application No

:PCT/ES2005/000228

Filing Date

:29/04/2005

(87) International Publication No

:WO 2005/122513

(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 :

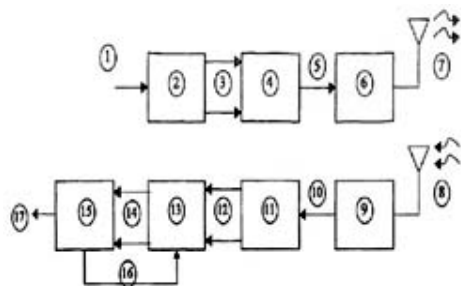
1)DIAZ FUENTE VICENTE**2)HERNANZ CHILOECHES DANIEL****3)BERIAN MUGICA JESUS**

No of Pages : 18

No of Claims : 7

(57) Abstract :

The present invention relates to a device and method for optimal estimation of the distortion caused by the transmission medium by means of the sequential emission of pairs of quadrature complementary sequences, estimating the frequency spectrum of a transmission channel allows obtaining information of considerable interest to analyze its characteristics or correcting the distortion effects introduced in a communication system. This invention describes a new method for extracting said characteristics generating a transmission preamble using complementary sequences, which allows upon reception identifying the distortion caused in each of the I/Q phases of a quadrature modulation system on the transmitted symbols, canceling the phase distortion effects caused by the medium and reducing the equalization of the channel to a single equalizing baseband filter identical for both I2/Q2 phases. Since the distorted frequencies are received in the receiver, they also allow extracting the temporal and/or frequency characteristics of the distortion caused by the medium they traverse with a precision depending on the length of the sequences used in coding.



(54) Title of the invention : HEAVY OIL AND BITUMEN UPGRADING.

(51) International classification :C10G55/06;
B01J8/18
(31) Priority Document No :10/711,176
(32) Priority Date :30/08/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/013219
Filing Date :20/04/2005
(87) International Publication No :WO 2006/025873
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

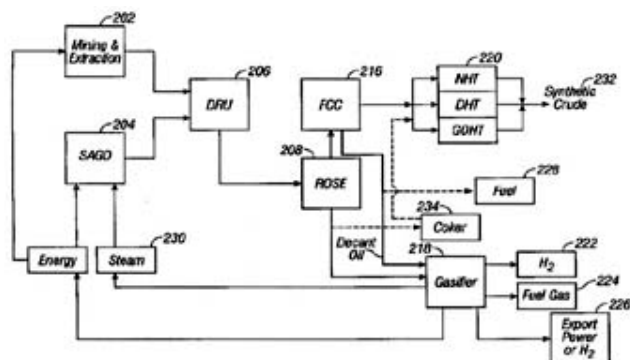
(71)**Name of Applicant :**
1)KELLOGG BROWN &ROOT ,LLC
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(72)**Name of Inventor :**
1)IQBAL,RASHID
2)ANSHUMALI
3)ENG, ODETTE
4)NICCUM, PHILLIP

No of Pages : 41

No of Claims : 44

(57) Abstract :

Disclosed is a process for the upgrading and demetallizing of heavy oils and bitumen. A crude heavy oil and/or bitumen feed is supplied to a solvent extraction process (104) wherein DAO and asphaltenes are separated. The DAO is supplied to an FCC unit (106) having a low conversion activity catalyst for the removal of metals contained therein. The demetallized distillate fraction is supplied to a hydrotreater (110) for upgrading and collected as a synthetic crude product stream. The asphaltene fraction can be supplied to a gasifier (108) for the recovery of power, steam and hydrogen, which can be supplied to the hydrotreater (110) or otherwise within the process or exported. An optional coker (234) can be used to convert excess asphaltenes and/or decant oil to naphtha, distillate and gas oil, which can be supplied to the hydrotreater (220).



(54) Title of the invention : FACTOR XA INHIBITORS.

(51) International classification	:A61K31/4184; A61K31/
(31) Priority Document No	:60/580,899
(32) Priority Date	:18/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/021817
Filing Date	:20/06/2005
(87) International Publication No	:WO 2006/002099
(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)BAUER, SHAWN M.
3)JIA, ZHAOZHONG J.
4)PROBST, GARY D.
5)ZHANG, YANCHEN
6)SCARBOROUGH, ROBERT M.

No of Pages : 300

No of Claims : 92

(57) Abstract :

The present invention is directed to compounds represented by Formula I and pharmaceutically acceptable salts, solvates, hydrates, and prodrugs thereof which are inhibitors of Factor Xa. The present invention is also directed to and intermediates used in making such compounds, pharmaceutical compositions containing such compounds, methods to prevent or treat a number of conditions characterized by undesired thrombosis and methods of inhibiting the coagulation of a blood sample.

(54) Title of the invention : CERTAIN CHEMICAL ENTITIES, COMPOSITIONS, AND METHODS.

(51) International classification : A61K 31/4184
(31) Priority Document No :60/569,510
(32) Priority Date :06/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015666
Filing Date :06/05/2005
(87) International Publication No :WO 2005/107762
(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)MCDONALD ANDREW I
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5)ASHCRAFT LUKE W
6)YAO BING
7)JIANG HONG
8)HUANGJENNIFER KUO CHEN
9)WANG JIANCHAO
10)MORGANS DAVID J,JR.
11)MORGANS BRADLEY P
12)BERGNES GUSTAVE
13)MORGANS BRADLEY P
14)MORGANS BRADLEY P
15)BERGNES GUSTAVE
16)DHANAK DASHYANT
17)KNIGHT STEVEN D
18)ADAMS NICHOLAS D
19)PARRISH CYNTHIA A
20)DUFFY KEVIN
21)FITCH DUKE
22)TEDESCO ROSANNA

No of Pages : 320

No of Claims : 46

(57) Abstract :

Compounds useful for treating cellular proliferative diseases and disorders by modulating the activity of one or more mitotic kinesins are disclosed.

(54) Title of the invention : DEVICES AND METHODS FOR COLLECTION, STORAGE AND TRANSPORTATION OF BIOLOGICAL SPECIMENS.

(51) International classification	:B01L3/00; B01L3/14
(31) Priority Document No	:60/561,037
(32) Priority Date	:09/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/005392
Filing Date	:18/02/2005
(87) International Publication No	:WO 2005/102526
(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)LLOYD, ROBERT, M, JR.
2)BURNS, DARELL, A
3)HUONG, JOE, T.

No of Pages : 45

No of Claims : 23

(57) Abstract :

The present invention provides devices and methods for collecting, storing or transporting liquid suspension of biological specimens containing analytes of interest in a dry state. The dried biological specimens containing analytes of interest are reconstituted and released for subsequent analysis by compressing the matrix in the device. Also provided are kits for collecting, storing, transporting and recovering biological specimens containing analytes of interest.

(54) Title of the invention : LOW IMPEDANCE LAYERED BATTERY APPARATUS AND METHOD FOR MAKING THE SAME.

(51) International classification

:H01M2/26;

H01M6/10

(31) Priority Document No

:60/566,888

(32) Priority Date

:30/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/014766

Filing Date

:28/04/2005

(87) International Publication No

:WO 2005/109551

(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 :

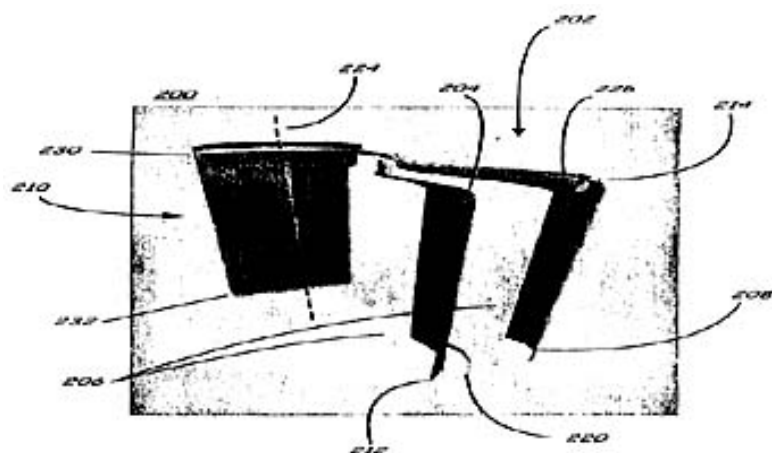
1)RILEY, GILBERT, NEAL**2)RIBORDY, JAMES**

No of Pages : 33

No of Claims : 31

(57) Abstract :

An electro-chemical storage device is described, and a method for making the same. In some aspects, a guidewire is co-wound with sheet or ribbon-like electrode materials so that contact is made between the guidewire and collector extensions of the electrode materials thereby forming an endcap with low impedance and high thermal sinking capabilities. In one embodiment, the storage device includes a negative electrode sheet have an edge which is substantially free of electrode active material, a positive electrode sheet have an edge which is substantially free of electrode active material, a first conductive guidewire disposed adjacent to the edge of the negative electrode sheet which is substantially free of electrode active material, and a second conductive guidewire disposed adjacent to the edge of the positive electrode sheet which is substantially free of electrode active material. The first conductive guidewire and the edge of the negative electrode sheet which is substantially free of electrode active material define a first electrode endcap and the second conductive guidewire and the edge of the positive electrode sheet which is substantially free of electrode active material define a second electrode endcap. The electrode endcaps are coupled to terminals of the storage device, which are capable of being connected to the terminals of an external circuit.



(54) Title of the invention : FERRITIC STAINLESS STEEL .

(51) International classification	:C22C38/06; C22C38/18
(31) Priority Document No	:0401046-8
(32) Priority Date	:16/04/2004
(33) Name of priority country	:Sweden
(86) International Application No	:PCT/SE2005/000523
Filing Date	:13/04/2005
(87) International Publication No	:WO 2005/100628
(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)ROSBERG,ANDREAS;
2)GORANSSON ,KENNETH;
3)WITT,EVA;

No of Pages : 13

No of Claims : 8

(57) Abstract :

Ferritic steel alloyed with a balanced quantity of chromium, aluminium and reactive elements and that has the following composition (in % by weight):Ni up to 1 Cr 15-25 Al 0,75-3,7 Si max 0,6 Mo and/or W 0-3 Ti and/or Nb 0-1 Cu up to 0,2 N up to 0,2 one or more of the reactive elements Zr, Hf and REM > 0 balance iron and normally occurring impurities, wherein the equation $Cr+3Al>26$ is satisfied. The ferritic stainless steel is suitable for use as substrate material in catalytic converters for diesel engines in heavy vehicles at temperatures in the interval of 600-900°C and a specific relation between the content of chromium and aluminium being satisfied.

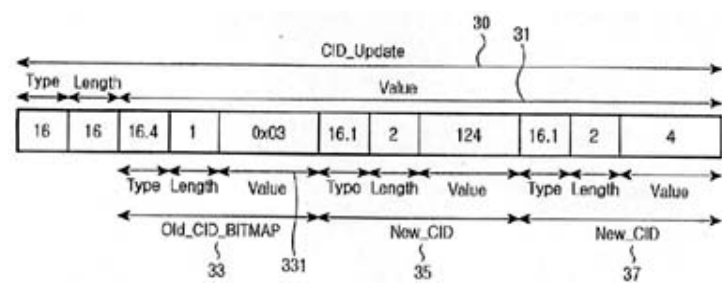
(54) Title of the invention : METHOD OF CONFIGURING AND UPDATING CONNECTION IDENTIFIER IN A BROADBAND WIRELESS ACCESS COMMUNICATION SYSTEM.

(51) International classification :H04B 7/26 (31) Priority Document No :10 2004-0047321 (32) Priority Date :23/06/2004 (33) Name of priority country :Republic of Korea (86) International Application No :PCT/KR2005/001964 Filing Date :23/06/2005 (87) International Publication No :WO 2006/001650 (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)Name of Applicant : 1)SAMSUNG ELECTRONICS CO.,LTD Address of Applicant :416 ,MAETAN-DONG , YEONGTONG-GU,SUWON-SI, GYEONGGI-DO KOREA Republic of Korea (72)Name of Inventor : 1)JUNG - SHIN PARK 2)GEUN-HWI LIM 3)HONG-SUNG CHANG 4)YONG CHANG

No of Pages : 12

No of Claims : 13

(57) Abstract :
In a method of configuring connection identifier (CID) update information in a broadband wireless access (BWA) communication system where each service between an mobile station (MS) and a base station (BS) has a unique CID, a registration request message is received from the MS, requesting updating of at least one old CID used for the MS. The CID update information is configured to include a bitmap area indicating whether a service corresponding to the at least one old CID is available, and a new CID area including at least one new CID in correspondence with a predetermined bit value in the bitmap area.



(54) Title of the invention : WAX PARTICLES FOR PROTECTION OF ACTIVATORS, AND MULTIFUNCTIONAL AUTONOMICALLY HEALING COMPOSITE MATERIALS

(51) International classification

:C08F291/00;
C08K9/10

(31) Priority Document No

:10/840,937

(32) Priority Date

:07/05/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US05/015783

Filing Date

:06/05/2005

(87) International Publication No

:WO 2005/118703

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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No of Pages : 25

No of Claims : 23

(57) Abstract :

A composite material comprises (i) a polymer, (ii) a polymerizer, (iii) a protected corresponding activator for the polymerizer, and (iv) a plurality of capsules. The polymerizer is in the capsules, and the corresponding activator is protected with a corresponding encapsulant for the polymer and the polymerizer.

(54) Title of the invention : ATTENUATING ADAPTOR FOR AN INDUCTIVE SHRINKAGE APPLIANCE.

(51) International classification :B23P11/02;
H05B6/14
(31) Priority Document No :10/2004 019 867.5
(32) Priority Date :23/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/004304
Filing Date :21/04/2005
(87) International Publication No :WO 2005/102595
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

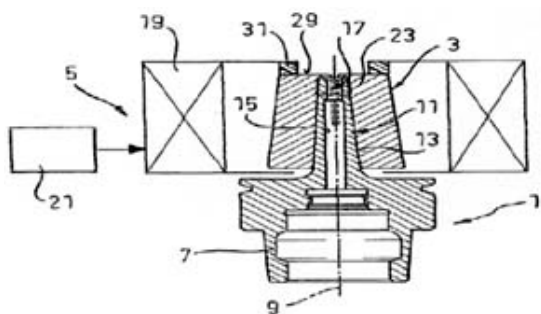
(71)**Name of Applicant :**
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(72)**Name of Inventor :**
1)HAIMER, FRANZ

No of Pages : 14

No of Claims : 12

(57) Abstract :

An attenuating adaptor is proposed in the form of a sleeve (23) which is composed of non-ferromagnetic metal for insertion radially during operation between a holding section (11) (which is provided with a central holding opening (15) for holding a tool shank with a press fit) of a tool holder (1) and an induction coil arrangement (19) (which concentrically surrounds the holding section(11) in order to widen it thermally) of a shrinkage appliance (5) which feeds alternating current to the induction coil arrangement (19).The sleeve (23) can be provided with slots which pass through its wall and whose number ,axial length and circumferential with influence the attenuating characteristics of the sleeve (23).Sleeve (23) of different sizes are provided for a set of different tool holders(1),and their attenuating characteristics are chosen such that all of the tool holders(1) in this set can be shrunk using one and the same setting of the shrinkage appliance(5).



(54) Title of the invention : SYSTEM TO CONVEY AIR FOR CONVECTION OR STATIC OVENS THROUGH CYLINDERS AND/OR INTERSTICE AND SYSTEM OF VERTICAL OPPOSED VENTILATION.

(51) International classification

:A21B1/26;

F24C15/32

(31) Priority Document No

:MO 2004A

000114

(32) Priority Date

:14/05/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB05/001319

Filing Date

:13/05/2005

(87) International Publication No

:WO 2005/110092

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)GILBERTO CATTANEOAddress of Applicant :VIA MARZAGLIA, 157/D-41043 FORMIGINE,
ITALY Italy**2)FABIO MARIO DE LUCA****3)GIANCARLO GIBERTI****4)STEFANO POLI**

(72)Name of Inventor :

1)GILBERTO CATTANEO

No of Pages : 9

No of Claims : 10

(57) Abstract :

The invention is in the field of devices for heating and/or cooking food and consists in inserting, in conventional static convection ovens, two ventilation elements (9), which are vertically mutually opposite and concentric with respect to two resistors (16), respectively, and can be contained in two movable tubular bodies; respectively, the lower body (5) is anchored to the bottom of the oven and the upper body (4) is anchored to the top of the oven. The tubular bodies (4,5), depending on their diameter, can contain a diaphragm (11 a, 11 b), which is provided with a plurality of holes (12), or a housing (11 a, 11 b), which is likewise provided with holes.

(54) Title of the invention : METHOD FOR ROLLING STOCK HAVING A TRANSITIONAL REGION.

(51) International classification :B21B37/58;
B21B1/18
(31) Priority Document No :10 2004 022 334.3
(32) Priority Date :06/05/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP05/051943
Filing Date :28/04/2005
(87) International Publication No :WO 2005/107973
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

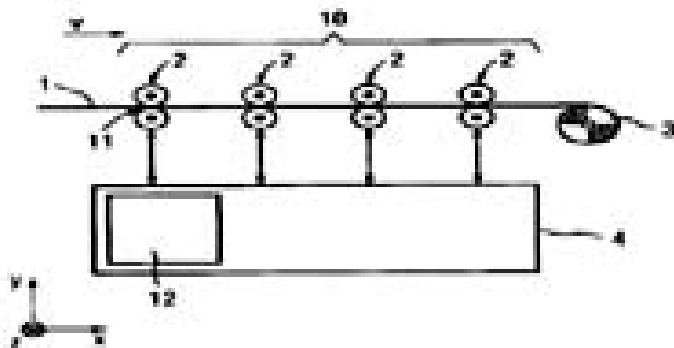
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(72)**Name of Inventor :**
1)HANS-JOACHIM,FELKI
2)MARTIN,NIEMANN

No of Pages : 18

No of Claims : 12

(57) Abstract :

The invention relates to a method for rolling a product to be rolled (1) in a rolling train (10) comprising at least two roll stands (2) which each comprise a roll gap (11), the product to be rolled (1) comprising at least one transition region (9). If a critical transition region (9) crosses the rolling train (10), the roll gaps (11) of the at least two roll stands (2) are successively opened and closed according to the position of the transition region (9) moving at speed (v) through the rolling train (10), in the direction of the direction of travel (x) of the conveyor. The opening of the roll gaps (11) takes place parallel to the position of the critical transition region (9) when the product to be rolled (1) is displaced. A transition region (9) is critical when the structure thereof requires the product to be rolled (1) in the environment of the transition region (9) can cause significant disturbance of the process variables, or a rip of the product to be rolled (1), when the roll gap (11) is closed. The inventive opening of the roll gaps (11), when the device is moving, enables the controlled transition of a product to be rolled (1) with extreme variation in dimension and/or hardness, for a shorter length.



(54) Title of the invention : SYSTEM AND METHOD FOR PERIODIC RANGING IN A SLEEP MODE IN A BWA COMMUNICATION SYSTEM.

(51) International classification

:H04B1/16;

H04B7/26

(31) Priority Document No

:10 2004 0032156

(32) Priority Date

:07/05/2004

(33) Name of priority country

:Republic of Korea

(86) International Application No

:PCT/KR2005/991331

Filing Date

:06/05/2005

(87) International Publication No

:WO 2005/109692

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)SAMSUNG ELECTRONICS CO.,LTDAddress of Applicant :416,MAETAN-DONG,YEONGTONG-GU
SUWON-SI,GYEONGGI-DO, RPUBLIC OF KOREA. Republic of Korea

(72)Name of Inventor :

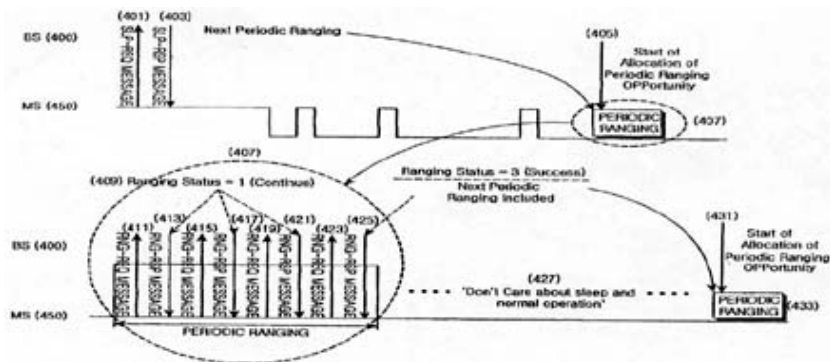
1)YEONG MOON SON**2)CHANG HOI KOO****3)JUNG JE SON****4)HYOUNG KYU LIM****5)HYUN JEONG KANG****6)SO HYUN KIM****7)SUNG JIN LEE**

No of Pages : 36

No of Claims : 44

(57) Abstract :

A system for a periodic ranging in a BWA communication system. In the system, a receiver in a sleep mode of a wireless communication system receives a sleep mode transition message, which including first information relating to a timing point at which the periodic ranging is performed, from a transmitter, transits to the sleep mode, and performs the periodic ranging at a timing point corresponding to the first information. Accordingly, the periodic ranging of the receiver in the sleep mode can be performed.



(54) Title of the invention : ORAL FLORA IMPROVING AGENT, ANTIBACTERIAL AGENT AND GROWTH PROMOTER.

(51) International classification	:A23K1/16; A23K1/17
(31) Priority Document No	:2004 139080
(32) Priority Date	:07/05/2004
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP2005/008348
Filing Date	:06/05/2005
(87) International Publication No	:WO 2005/107769
(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)NOBUHIRO,HANADA
3)SUSUMU,IMAI

No of Pages : 27

No of Claims : 7

(57) Abstract :

It is intended to provide an oral flora-improving agent capable of forming a favorable flora in the oral cavity and a food or a drink for improving the oral flora. An oral flora-improving agent containing as an active ingredient a ganglioside and a food, a drink, or a feed for improving the oral flora containing the ganglioside exhibit an antibacterial effect oh harmful bacteria in the oral cavity, which are undesirable from the viewpoint of decay and diseases such as periodontal disease , and a growth-improving effect on useful bacteria to be preserved in the oral cavity. Further, the ganglioside is efficaciously used as an active ingredient in an antibacterial agent or an antibacterial drink, food, or feed, a growth promoter, or a food, a drink, or a feed for promoting growth.

(54) Title of the invention : DIAGNOSTIC PARAMETER CALCULATION METHOD, SYSTEM FOR DIAGNOSIS AND DIAGNOSTIC PROGRAM

(51) International classification :A61B5/0452;
A61B5/04
(31) Priority Document No :2004-150375
(32) Priority Date :20/05/2004
(33) Name of priority country :Japan
(86) International Application No :PCT/JP2005/009123
Filing Date :19/05/2005
(87) International Publication No :WO 2005/112751
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

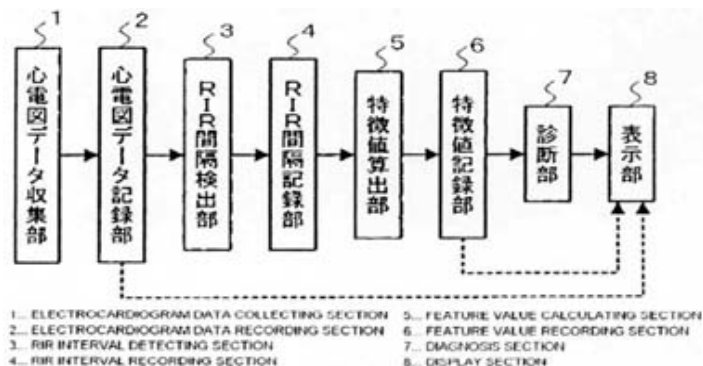
(71)Name of Applicant :
1)KIYOSHI TAKIZAWA
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(72)Name of Inventor :
1)KIYOSHI TAKIZAWA

No of Pages : 28

No of Claims : 9

(57) Abstract :

The present invention provides a way to prognosticate some abnormality of the heart condition through analyzing the electrocardiogram of a patient. In R-R interval detection section 3, R-R intervals are detected from the electrocardiogram data collected in the electrocardiogram data collection section 1 to generate a time-series data. In the characteristic quantity calculation section 5, a series of partial sets B(j)'s is generated, where the partial set B(j) consists of n successive elements starting from the j-th element of the time-series data and n is a constant integer smaller than the total number of elements in the time-series data, and a set of the characteristic quantities (Y_j,X_j) for each partial set B(j) is calculated, where Y_j is the mean value of all elements in the set B(j) and X_j is the mean value of each difference of the first element from each element in the partial set B(j). Then in the diagnostic parameter calculation section 7, three parameters u,v, w are calculated after splitting the (Y,X)-plane into lattices, where the isolation number v is the number of said characteristic quantity sets each of which is included in a lattice on (Y,X)-plane that does not include any other characteristic quantity set, the overlap number u is the difference subtracted said isolation number v from the total number of said characteristic quantity sets, and the maximum overlap degree w is the maximum number of characteristic quantity sets included in a lattice on said (Y,X)-plane. These three parameters are used as the larger of the overlap number u is comparison with the isolation number v and the larger value of the maximum overlap degree w derived from the electrocardiogram of a person are showing less healthy heart condition of the patient.



(54) Title of the invention : PRESSURE RELIEF DEVICE COMPRISING A RUPTURE DISK.

(51) International classification

:F16K17/16;

F16K17/02

(31) Priority Document No

:102004023783.2

(32) Priority Date

:07/05/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/DE05/000772

Filing Date

:22/04/2005

(87) International Publication No

:WO 2005/108836

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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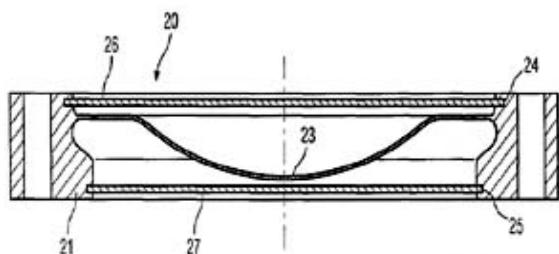
1)LASKOWSKI,KARSTEN**2)MEINHERZ ,MANFRED,**

No of Pages : 16

No of Claims : 13

(57) Abstract :

The invention relates to a pressure relief device (1,20) for a housing that can be subjected to pressure, said device comprising a rupture disk (3,23). Said rupture disk (3, 23) is surrounded by a frame (2,21) which is embodied as a single component and projects past a bulging of the rupture disk (3,23) protruding from the surface thereof. The rupture disk (3,23) is at least partially covered with a filler (10), and a device (26,27) for protection against accidental contact is arranged on the frame (2,21).



(54) Title of the invention : VARIABLE LENGTH CODING METHOD AND VARIABLE LENGTH DECODING METHOD.

(51) International classification	:G06T 9/00
(31) Priority Document No	:2001-358197
(32) Priority Date	:22/11/2001
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP02/12230
Filing Date	:22/11/2002
(87) International Publication No	:WO 2003/045065
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	: 01617/kolNP/2003
Filed on	:12/12/1003

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1)KADONO SHINYA
2)KONDO SATOSHI
3)HAGAI MAKOTO
4)ABE KIYOFUMI

No of Pages : 141

No of Claims : 2

(57) Abstract :

According to the present invention, an image coding apparatus provides a run-length encoding unit RLEl that subjects quantized coefficients which are obtained by quantizing frequency components of an image signal to a variable length coding process by using a run value Run that indicates the number of successive zero coefficients and a level value Lev that indicates a value of a nonzero coefficient following the zero coefficients. The run-length encoding unit RLEl includes an reordering unit Lreodr for reordering level values Lev; a variable length coder LVLC for coding reordered level values ROLev by using a code table that is selected according to the value of a quantization parameter QP; a reordering unit Rreodr for reordering run values Run from high frequency component of the quantized coefficients to low frequency component; and a variable length coder RVLC for coding reordered run values RORun by using a code table that is selected according to the number of already-processed run values. Accordingly, a variable length coding process for quantized coefficients is carried out at a higher coding efficiency, with redundant information included in the coefficients being effectively reduced.

(54) Title of the invention : VARIABLE LENGTH CODING METHOD AND VARIABLE LENGTH DECODING METHOD.

(51) International classification : G06T 9/00
 (31) Priority Document No :2001-358197
 (32) Priority Date :22/11/2001
 (33) Name of priority country :Japan
 (86) International Application No :PCT/JP02/12230
 Filing Date :22/11/2002
 (87) International Publication No :WO 2003/045065
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number : 01617/KolNP/2003
 Filed on :12/12/2003

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2)KONDO Satoshi
3)HAGAI Makoto
4)ABE Kiyofumi

No of Pages : 143

No of Claims : 4

(57) Abstract :

According to the present invention, an image coding apparatus provides a run-length encoding unit RLE1 that subjects quantized coefficients which are obtained by-quantizing frequency components of an image signal to a variable length coding process by using a run value Run that indicates the number of successive zero coefficients and a level value Lev that indicates a value of a nonzero coefficient following the zero coefficients. The run-length encoding unit RLE1 includes an reordering unit Lreodr for reordering level values Lev; a variable length coder LVLC for coding reordered level values ROLev by using a code table that is selected according to the value of a quantization parameter QP; a reordering unit Rreodr for reordering run values Run from high frequency component of the quantized coefficients to low frequency component; and a variable length coder RVLC for coding reordered run values RORun by using a code table that is selected according to the number of already-processed run values. Accordingly, a variable length coding process for quantized coefficients is carried out at a higher coding efficiency, with redundant information included in the coefficients being effectively reduced.

(54) Title of the invention : VARIABLE LENGTH CODING METHOD AND VARIABLE LENGTH DECODING METHOD.

(51) International classification	:G06T 9/00
(31) Priority Document No	:2001-358197
(32) Priority Date	:22/11/2001
(33) Name of priority country	:Japan
(86) International Application No	:PCT/JP02/12230
Filing Date	:22/11/2002
(87) International Publication No	:WO 2003/045065
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:01617/KolNP/2003
Filed on	:12/12/2003

(71)**Name of Applicant :**
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4)ABE Kiyofumi

No of Pages : 142

No of Claims : 6

(57) Abstract :

According to the present invention, an image coding apparatus provides a run-length encoding unit RLE1 that subjects quantized coefficients which are obtained by-quantizing frequency components of an image signal to a variable length coding process by using a run value Run that indicates the number of successive zero coefficients and a level value Lev that indicates a value of a nonzero coefficient following the zero coefficients. The run-length encoding unit RLE1 includes an reordering unit Lreodr for reordering level values Lev; a variable length coder LVLC for coding reordered level values ROLev by using a code table that is selected according to the value of a quantization parameter QP; a reordering unit Rreodr for reordering run values Run from high frequency component of the quantized coefficients to low frequency component; and a variable length coder RVLC for coding reordered run values RORun by using a code table that is selected according to the number of already-processed run values. Accordingly, a variable length coding process for quantized coefficients is carried out at a higher coding efficiency, with redundant information included in the coefficients being effectively reduced.

(54) Title of the invention : HUMAN G PROTEIN-COUPLED RECEPTOR AND MODULATORS THEREOF FOR THE TREATMENT OF HYPERGLYCEMIA AND RELATED DISORDERS"

(51) International classification

:A61K31/427;

A61K31/4

(31) Priority Document No

:60/561,954

(32) Priority Date

:13/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/012447

Filing Date

:12/04/2005

(87) International Publication No

:WO 2005/116653

(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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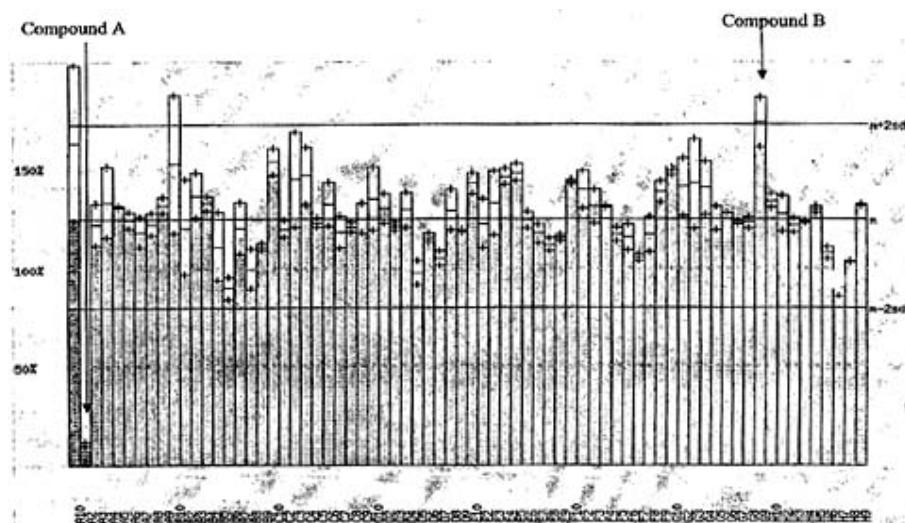
1)Qiu Jun**2)Webb Robert R****3)Unett David J****4)Connolly Daniel T****5)GATLIN JOEL E**

No of Pages : 158

No of Claims : 54

(57) Abstract :

The present invention relates to methods of identifying whether one or more candidate compounds is a modulator of a G protein-coupled receptor (GPCR) or a modulator of blood glucose concentration. In certain embodiments, the GPCR is human. The present invention also relates to methods of using a modulator of the GPCR. A preferred modulator is agonist. Agonists of the invention are useful as therapeutic agents for lowering blood glucose concentration, for preventing or treating certain metabolic disorders, such as insulin resistance, impaired glucose tolerance, and diabetes, and for preventing or treating a complication of an elevated blood glucose concentration, such as atherosclerosis, heart disease, stroke, hypertension and peripheral vascular disease.



(54) Title of the invention : ELECTROCHEMICAL ASSAY DEVICE AND RELATED METHODS.

(51) International classification	:C12Q1/00; G01N27/30
(31) Priority Document No	:60/521,555
(32) Priority Date	:21/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/051659
Filing Date	:21/05/2005
(87) International Publication No	:WO 2005/113790
(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 :10 Manor Parkway Salem, NH 03079 U.S.A.

(72)Name of Inventor :

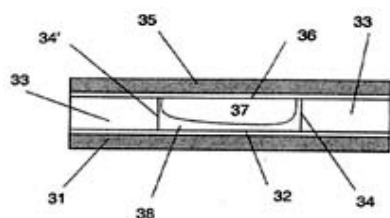
1)Harding, Ian

No of Pages : 21

No of Claims : 17

(57) Abstract :

An electrochemical test device is provided having a base layer with a first electrode thereon and a top layer with a second electrode thereon. The two electrodes are separated by a spacer layer having an opening therein, such that a sample-receiving space is defined with one electrode on the top surface, the other electrodes on the bottom surface and side walls formed from edges of the opening in the spacer. Reagents for performing the electrochemical reaction are deposited on one of the electrodes and on the side walls of the sample- receiving space.



(54) Title of the invention : PHENOXYALKYCARBOXYLIC ACID DERIVATIVES IN THE TREATMENT OF INFLAMMATORY DISEASES.

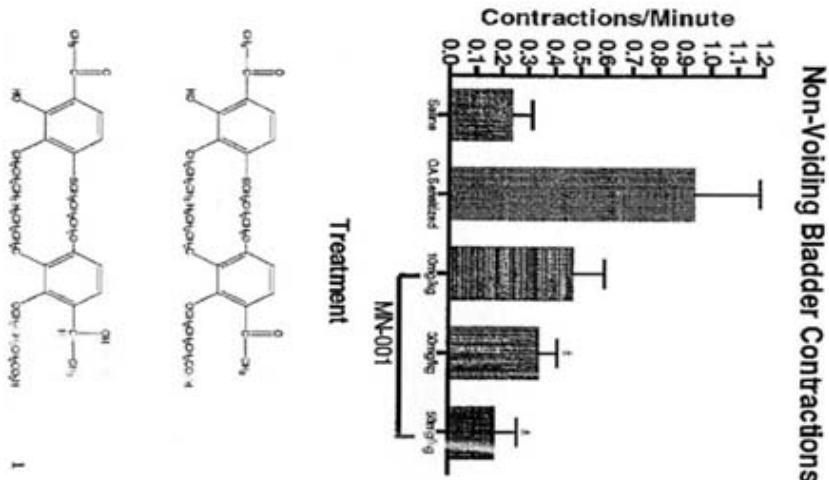
(51) International classification	:A61K31/192; A61K31/1	(71) Name of Applicant : 1)Medicinova, Inc.
(31) Priority Document No	:60/565,527	Address of Applicant :4350,La Jolla Village Drive, Suite 950, San Diego,
(32) Priority Date	:27/04/2004	CA 92122 U.S.A.
(33) Name of priority country	:U.S.A.	(72) Name of Inventor :
(86) International Application No	:PCT/US2005/014545	1)Smith, Charles
Filing Date	:27/04/2005	2)Locke,Kenneth,Walter
(87) International Publication No	:WO 2005/105073	3)Kiyoizumi,Taka
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 32

No of Claims : 23

(57) Abstract :

A method of treating interstitial cystitis, irritable bowel syndrome, ulcerative colitis, and other inflammatory conditions, comprising: administering to a patient in need thereof an effective amount of a compound selected from compound 1, its metabolite 2 and pharmaceutically acceptable salts or pro drugs thereof.



(54) Title of the invention : TRANSPORT DEVICE.

(51) International classification

:B65G37/00;
H05K3/00

(31) Priority Document No

:102004023909.6

(32) Priority Date

:13/05/2004

(33) Name of priority country

:Germany

(86) International Application No

:PCT/EP2005/003895

Filing Date

:13/04/2005

(87) International Publication No

:WO 2005/112528

(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 :

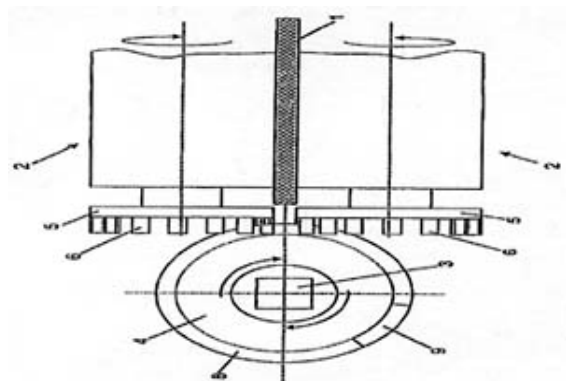
1)Klingl, Heinz

No of Pages : 38

No of Claims : 21

(57) Abstract :

A conveying device according to the invention for moving stock to be conveyed (1), in the form of printed circuit boards or conductor foils to be treated, in wet-chemical or electrolytic surface treatment plants, comprises conveying means (2) which, by a rotational movement, move the stock to be conveyed (1) in a conveying direction, spindle parts (4) with a thread-like structure (8, 9) at an outer surface, and rotation means in the form of mating wheels (5) provided with cams (6), the cams (6) engaging in the thread-like structure {8, 9} of the spindle part (4) and thus imparting a uniform rotational movement to the conveying means (2). The spindle parts (4) are preferably mounted on a drive shaft (3) which is arranged parallel to the conveying direction of the stock to be conveyed (1).



(54) Title of the invention : PERFORMING HANDOVER BY DEFERRING IP ADDRESS ESTABLISHMENT.

(51) International classification :H04B7/26;
H04B7/26
(31) Priority Document No :60/568,738
(32) Priority Date :07/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/KR2005/001338
Filing Date :07/05/2005
(87) International Publication No :WO 2005/109694
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)LG Electronics Inc.

Address of Applicant :20,Yoido-Dong Yongdungpo-Gu Seoul 150-010
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(72)Name of Inventor :

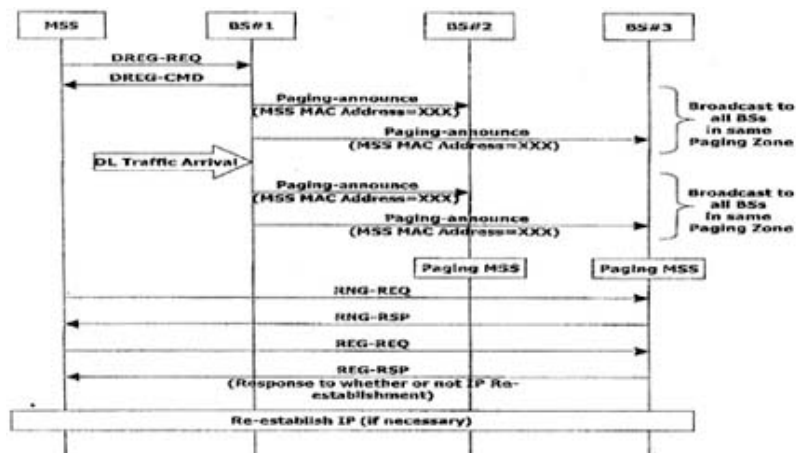
1)Kim Yong-Ho

No of Pages : 33

No of Claims : 41

(57) Abstract :

In A broadband wireless access system, when handover is performed while receiving data, a method of deferring IP address establishment procedures is provided to allow such data to be delivered between the base stations. When the terminal receiving downlink data moves from a first base station region to a second base station region, the first base station delivers the downlink data to the second base station, and the second base station uses a particular message to inform that there is data to be delivered to the terminal such that the IP address establishment of the terminal is deferred.



(54) Title of the invention : METHODS OF TREATING AUTOIMMUNE AND INFLAMMATORY DISEASES.

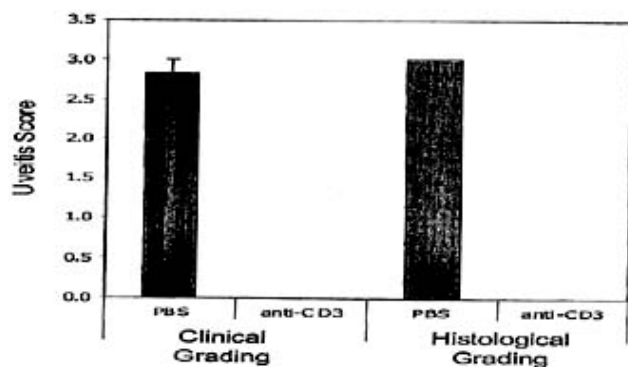
(51) International classification	:A61K39/395; A61P37/0	(71) Name of Applicant : 1)NOVIMMUNE S.A. Address of Applicant :64,A VENUE DE LA ROSERAIE,CH-1211 GENEVE 4,SWITZERLAND Switzerland
(31) Priority Document No	:60/559,944	(72) Name of Inventor :
(32) Priority Date	:06/04/2004	1)MACH BERNARD
(33) Name of priority country	:U.S.A.	2)DEAN YANN
(86) International Application No	:PCT/US2005/011767	3)KOSCO-VILBOIS MARIE
Filing Date	:06/04/2005	
(87) International Publication No	:WO 2005/099755	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 28

No of Claims : 22

(57) Abstract :

This invention provides method of treatment of autoimmune diseases and/or inflammatory disorders.



(54) Title of the invention : A METHOD AND A UNIT FOR PRODUCING BLISTER PACKS BY CUTTING A BLISTER BAND.

(51) International classification

:B65B5/10;

B65B9/04

(31) Priority Document No

:BO2004A000269

(32) Priority Date

:29/04/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB2005/001292

Filing Date

:28/04/2005

(87) International Publication No

:WO 2005/105574

(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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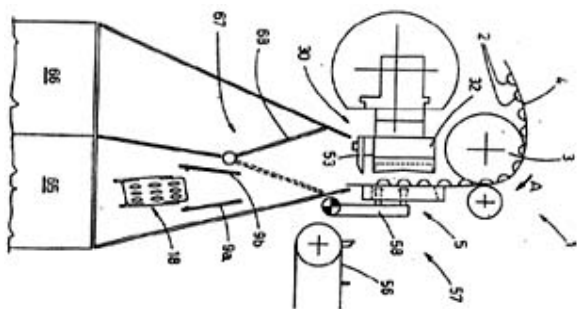
1)MARZOCCHI PAOLO

No of Pages : 32

No of Claims : 19

(57) Abstract :

A method and a relative unit (1) for producing blister packs (7) by cutting a blister band (4), according to which a band (4) with blisters (2) housing products is fed in a selected feeding direction (A), through subsequent stations: a band (4) verifying station, a closing station where the blister band is closed with a covering band, and to a cutting station (5) for cutting the closed blister band (4). In the cutting station (5), the closed blister band (4) is cut by progressive shearing, to obtain relative blister packs (7) detached from, at least one strip (9a, 9b) or scrap longitudinal edge of the blister band (4). If portions of the blister band (4) considered unsatisfactory are detected in the control station, the subsequent shearing is performed partially or incompletely, so as to prevent detachment of the corresponding blister packs (8), considered faulty and destined to be rejected, from the strip (9a, 9b) of the band (4).



(54) Title of the invention : RECOMBINANTLY MODIFIED PLASMIN.

(51) International classification

:C12N9/68;
C12N9/68

(31) Priority Document No

:60/564,472

(32) Priority Date

:22/04/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/013562

Filing Date

:21/04/2005

(87) International Publication No

:WO 2005/105990

(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 :

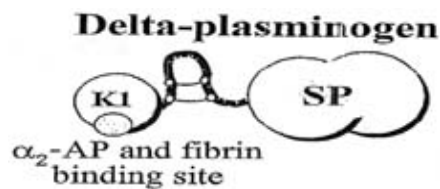
1)Hunt, Jennifer, Audrey**2)Novokhatny, Valery**

No of Pages : 49

No of Claims : 21

(57) Abstract :

Polynucleotides and polypeptides relating to a recombinantly-modified plasmin(ogen) molecule are provided. The plasmin(ogen) molecule has a single kringle domain N-terminal to the activation site present in the native human plasminogen molecule, and exhibits lysine-binding and significant enzymatic characteristics associated with the native enzyme.



(54) Title of the invention : TRUNCATED HEPATITIS C VIRUS NS5 DOMAIN AND FUSION PROTEINS COMPRISING SAME.

(51) International classification :C12Q1/70;
C12Q1/70
(31) Priority Document No :60/571,985
(32) Priority Date :17/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017377
Filing Date :17/05/2005
(87) International Publication No :WO 2005/113837
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Chiron CorporationAddress of Applicant :Intellectual Property-R440, P.O.Box 8097,
Emeryville, CA 94662 U.S.A.

(72)Name of Inventor :

1)Houghton, Michael

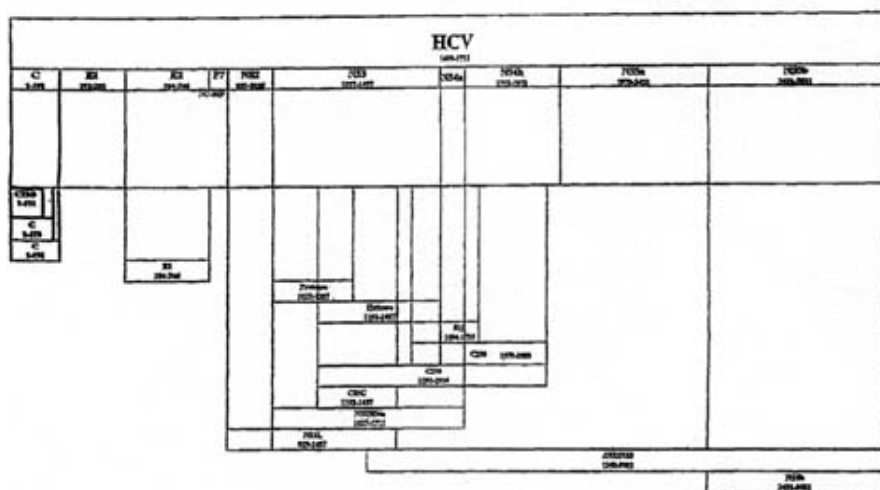
No of Pages : 110

No of Claims : 34

(57) Abstract :

The invention provides truncated HCV NS5 polypeptides and fusion proteins comprising the truncated NS5 polypeptides, fused to at least one other HCV epitope derived from another region of the HCV polypeptide. The fusions can be used in methods of stimulating an immune response to HCV, for example a cellular immune response to HCV, such as activating hepatitis C virus (HCV)?specific T cells, including CD4+ and CD8+ T cells. The method can be used in model systems to develop HCV? specific immunogenic compositions, as well as to immunize a mammal against HCV.

HCV Genome and Recombinant Proteins



(54) Title of the invention : METHOD FOR REDUCING CR FROM CR-CONTAINING METALLURGICAL SLAGS.

(51) International classification	:C21B3/04; C21C5/00
(31) Priority Document No	:GM367/2004
(32) Priority Date	:18/05/2004
(33) Name of priority country	:Austria
(86) International Application No	:PCT/1B2005/001342
Filing Date	:18/05/2005
(87) International Publication No	:WO 2005/113840
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)HOLCIM LTD. Address of Applicant :Hagenholzstrasse 85, CH-8050 Zurich Switzerland
(72) Name of Inventor : 1)TSCHUDIN, MARKUS

No of Pages : 7

No of Claims : 2

(57) Abstract :

A method for reducing the chromium content from a metallurgical slag, in which the slag is charged onto an iron bath in the liquid state and the reduction of Cr is effected by the iron bath having a C content of 2 to 4% by weight, wherein a) the Cr-containing slag having a Cr content of 2 to 20% by weight is charged onto an iron bath' having a C content of below 1% by weight, whereupon b) the carbon content of the iron bath is raised to about 2 to 4% by weight by the addition of carbon carriers at the simultaneous supply of energy, c) the liquid slag having a Cr content of about 0.1% by weight is tapped after the reduction of Cr, d) a cooling agent, preferably scrap, is added to the iron melt and the C content of the melt is lowered to below 1% by weight, and e) a portion of the Cr-containing melt is tapped in the liquid state, while the remaining portion is left in the converter in the liquid state for the treatment of the subsequent melt.

(54) Title of the invention : MODULAR SYSTEM FOR THE ELECTRIC ENERGY PRODUCTION FROM WAVE MOTION

(51) International classification

:F03B13/18;

F03B13/00

(31) Priority Document No

:RM2004A000228

(32) Priority Date

:10/05/2004

(33) Name of priority country

:Italy

(86) International Application No

:PCT/IB2005/051507

Filing Date

:09/05/2005

(87) International Publication No

:WO 2005/108778

(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 :

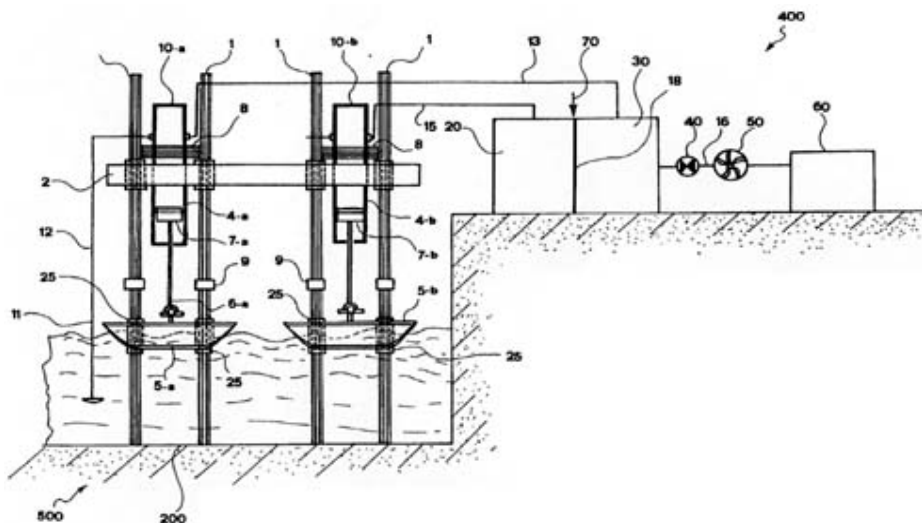
1)IRTI MARIA, GIULIANA

No of Pages : 12

No of Claims : 10

(57) Abstract :

A modular system for the electric energy production, exploiting the hydromechanical energy extractable from wave motion thanks to the implementation of means for pumping based on a stem-piston-cylinder system and driven by the wave motion acting on floating members. Under wave motion, air is compressed by a piston (7b) and discharged into a chamber (20) of tank (70). Water is compressed by another piston (7a) and discharged into a chamber (30) of the same tank (70). A valve (40) regulates discharge to a hydraulic turbine (50). The tank (70) with movable wall (18) and chambers (20, 30) ensures proper pressurizing of the water and constant delivery to the turbine (50).



(54) Title of the invention : GEL POLYMER ELECTROLYTE COMPRISING IONIC LIQUID AND ELECTROCHROMIC DEVICE USING THE SAME

(51) International classification :C09K9/00;
C09K9/02
(31) Priority Document No :10-2004-0026710
(32) Priority Date :19/04/2004
(33) Name of priority country :Republic of Korea
(86) International Application No :PCT/KR2005/001100
Filing Date :18/04/2005
(87) International Publication No :WO 2005/116161
(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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SEOUL 150-721 Republic of Korea

(72)Name of Inventor :

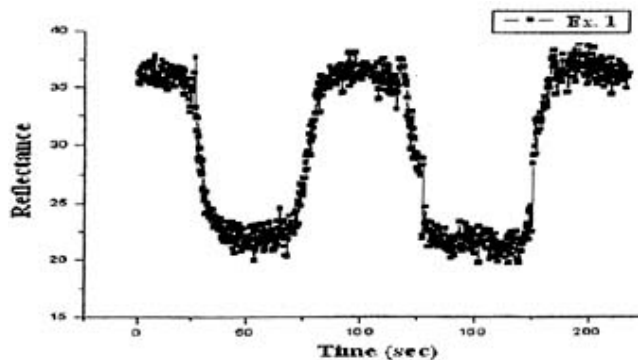
1)OH JAE SEUNG**2)PARK JAE DUK****3)LEE BYOUNG BAE****4)KWON WON JONG****5)KIM SANG HO****6)MUN SU JIN**

No of Pages : 21

No of Claims : 16

(57) Abstract :

Disclosed is an electrochromic device comprising: (a) a first electrode; (b) a second electrode; (c) an electrochromic material; and (d) a gel polymer electrolyte containing an ionic liquid. A method for manufacturing the same is also disclosed. The electrochromic device uses a gel polymer electrolyte comprising an ionic liquid. Therefore, there is no problem related with electrolyte leakage. Additionally, it is possible to manufacture electrochromic devices by using plastic materials, because the ionic liquid gel polymer electrolyte permits structural deformation with ease. Further, because the electrochromic device uses an ionic liquid, it is possible to minimize side reactions between constitutional elements of an electrochromic device and electrolyte.



(54) Title of the invention : NETWORK TOPOLOGY AND METHOD OF OPERATION FOR A PLAYBACK SYSTEM IN A DIGITAL CINEMA NETWORK

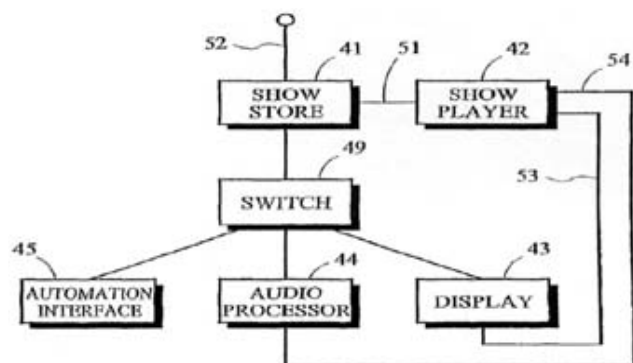
(51) International classification	:H04L12/28; H04L29/12	(71)Name of Applicant :
(31) Priority Document No	:10/870,698	1)DOLBY LABORATORIES LICENSING CORPORATION
(32) Priority Date	:17/06/2004	Address of Applicant :100 POTRERO AVENUE, SAN FRANCISCO, CA
(33) Name of priority country	:U.S.A.	94103-4813 U.S.A.
(86) International Application No	:PCT/US2005/011861	(72)Name of Inventor :
Filing Date	:08/04/2005	1)KARANJKAR MAKARAND PRABHAKAR
(87) International Publication No	:WO 2006/006976	2)MANDELL DOUGLAS EVEN
(61) Patent of Addition to Application Number	:NA	3)BULLOCK DEAN CARLETON
Filing Date	:NA	4)LEMIEUX PIERRE-ANTHONY STIVELL
(62) Divisional to Application Number	:NA	5)LAKSHMINARAYANAN GOPI
Filing Date	:NA	

No of Pages : 21

No of Claims : 20

(57) Abstract :

The installation, maintenance and administration of digital cinema playback systems is facilitated by devices within the playback systems having operator-actuated controls that are used to specify a unique identifier for each playback system in a digital cinema complex. The identifier for a system is used to establish a set of network addresses for that playback system from which device addresses are assigned automatically. Subsequent communication between devices within a playback system use the assigned device addresses. These communications are used to alter the operation of devices, and for devices to publish the existence of and the need for specified, services.



(54) Title of the invention : MAINTAINING SYNCHRONIZATION OF STREAMING AUDIO AND VIDEO USING INTERNET PROTOCOL

(51) International classification :H04J3/06;
H04L12/28
(31) Priority Document No :10/871,363
(32) Priority Date :18/06/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/012082
Filing Date :08/04/2005
(87) International Publication No :WO 2006/006980
(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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94103-4813 U.S.A.

(72)Name of Inventor :

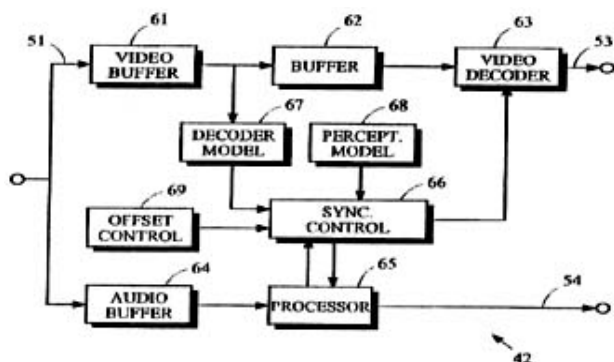
1)DAVIES TREVOR**2)COULING JOHN DAVID****3)LAKSHMINARAYANAN GOPI****4)RICHARDS MARTIN JOHN**

No of Pages : 27

No of Claims : 14

(57) Abstract :

A playback system in a digital cinema network synchronizes the presentation of visual and aural content by deriving timing information for packets of information that are conveyed in video and audio data streams, examining the timing information to determine if any misalignment between the two data streams is likely to be perceptible and, if the misalignment is deemed to be perceptible, introducing delays into one or both data streams to correct the misalignment. If the audio data stream precedes the video data stream, the audio data stream is delayed by an integer number of audio sample periods. If the video data stream precedes the audio data stream, the video data stream is delayed by an integer number of video frames and the audio data stream is delayed by an integer number of audio sample periods. Reduce the playback levels of audio content preceding the inserted information and increase playback levels of audio content following the inserted information.



(54) Title of the invention : FRAME SYNCHRONIZATION IN AN ETHERNET NTP TIME-KEEPING DIGITAL CINEMA PLAYBACK SYSTEM

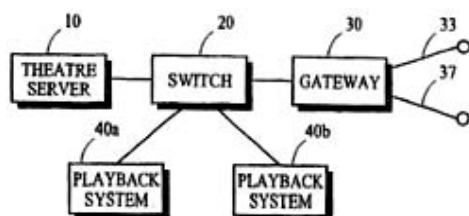
(51) International classification	:H04N5/04; H04N5/04	(71) Name of Applicant : 1)DOLBY LABORATORIES LICENSING CORPORATION Address of Applicant :100 POTRERO AVENUE, SAN FRANCISCO, CA 94103-4813 U.S.A.
(31) Priority Document No	:10/873,407	(72) Name of Inventor :
(32) Priority Date	:21/06/2004	1)RICHARDS MARTIN JOHN
(33) Name of priority country	:U.S.A.	2)MANDELL DOUGLAS EVEN
(86) International Application No	:PCT/US2005/017798	3)KARANJKAR MAKARAND PRABHAKAR
Filing Date	:19/05/2005	4)LEMIEUX PIERRE-ANTHONY STIVELL
(87) International Publication No	:WO 2006/007155	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 25

No of Claims : 14

(57) Abstract :

A free-running secure clock in a computing device that is adjustable by a user of the device so long as cumulative adjustments do not exceed a predicted clock drift. The clock may be initially set by the user or by a trusted time authority or the like. Such a clock may be required in a trust-based system that measures a temporal requirement against the clock.



(54) Title of the invention : METHOD FOR CORRECTING METADATA AFFECTING THE PLAYBACK LOUDNESS AND DYNAMIC RANGE OF AUDIO INFORMATION

(51) International classification :G10L11/00;
H03G3/20
(31) Priority Document No :10/884,177
(32) Priority Date :01/07/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/011862
Filing Date :08/04/2005
(87) International Publication No :WO 2006/006977
(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)SMITHERS MICHAEL JOHN

2)RIEDMILLER JEFFREY CHARLES

3)ROBINSON CHARLES QUITO

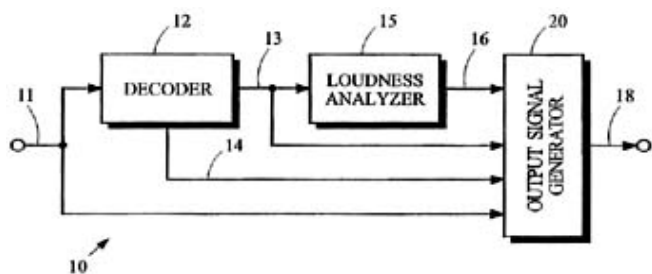
4)CROCKETT BRETT GRAHAM

No of Pages : 31

No of Claims : 15

(57) Abstract :

A coded signal conveys encoded audio information and metadata that may be used to control the loudness and dynamic range of the audio information during its playback. If the values for these metadata parameters are set incorrectly, annoying fluctuations in loudness during playback can result. The present invention overcomes this problem by detecting incorrect metadata parameter values in the signal and replacing the incorrect values with corrected values.



(54) Title of the invention : ADJUSTABLE FREE-RUNNING SECURE CLOCK

(51) International classification :H04L9/32
 (31) Priority Document No :10 869,460
 (32) Priority Date :15/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/017797
 Filing Date :19/05/2005
 (87) International Publication No :WO 2006/001957
 (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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 94103, U.S.A.

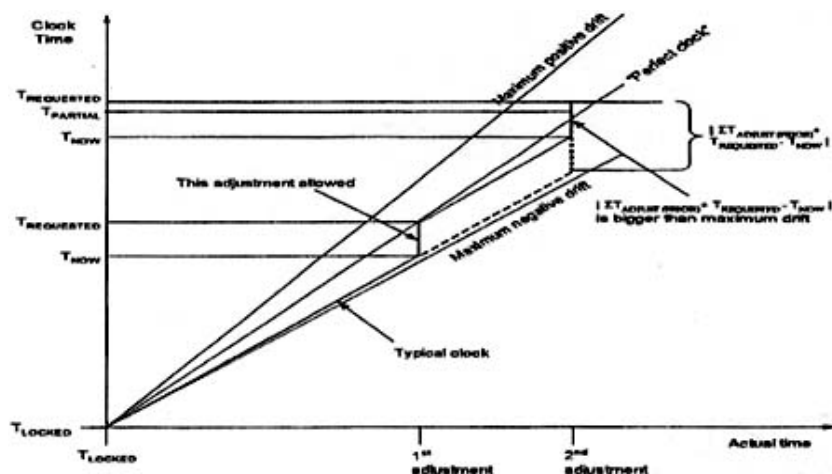
(72)Name of Inventor :
1)DAVIES ,TREVOR
2)COULING,JOHN,DAVID

No of Pages : 16

No of Claims : 16

(57) Abstract :

A free-running secure clock in a computing device that is adjustable by a user of the device so long as cumulative adjustments do not exceed a predicted clock drift. The clock may be initially set by the user or by a trusted time authority or the like. Such a clock may be required in a trust-based system that measures a temporal requirement against the clock.



(54) Title of the invention : SUPPORT FRAME STRUCTURE FOR SUPPORTING DISPERSION PLATE IN FLUID LAYER REDUCTION FURNACE FOR REDUCTION OF IRON ORE

(51) International classification :G06T 9/00
 (31) Priority Document No :10-2004-0032238
 (32) Priority Date :07.05.2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/000153
 Filing Date :17/01/2005
 (87) International Publication No :WO 2005/108628
 (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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 JEOLLANAM-DO, 545-100 Republic of Korea

(72)Name of Inventor :

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2)Kondo Satoshi

3)Hagai Makoto

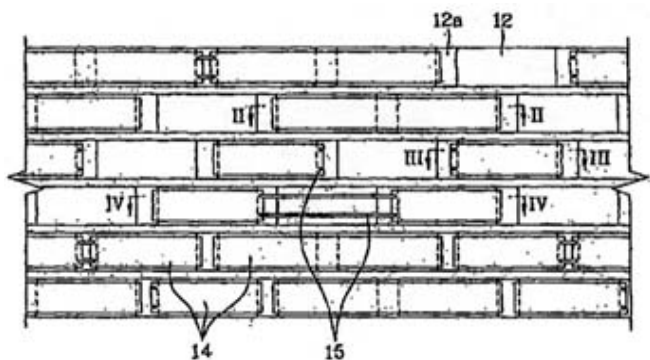
4)Abe Kiyofumi

No of Pages : 19

No of Claims : 4

(57) Abstract :

Column structure for supporting a distribution plate in a fluidized bed reduction furnace for reducing iron ore powder, wherein bands of stainless steel (14) are partially placed on an outside surface of, and fastened to, columns (12) that support a distribution plate in an inside space of a body of the fluidized bed reduction furnace (1), so that the columns (12) have a good chemical resistance, a good thermal impact resistance and a good abrasion resistance against reductive gas and iron ore powder in the reductive gas when the iron ore powder is reduced by a fluidized bed reaction in the fluidized bed reduction furnace (1). For this, the column structure for supporting a distribution plate in a fluidized bed reduction furnace (1) for reducing iron ore powder comprising a body having a gas supply opening (11a) in a lower portion for receiving a reductive gas, columns (12) in an inside space of the body each constructed of blocks of refractory, and a distribution plate supported on the columns (12) uniformly having a plurality of pass through holes (13a), wherein each of the columns (12) includes a plurality of stainless steel bands (14) placed on an outside circumference thereof.



(54) Title of the invention : METHOD AND APPARATUS FOR THE GENERATION AND THE UTILIZATION OF PLASMA SOLID

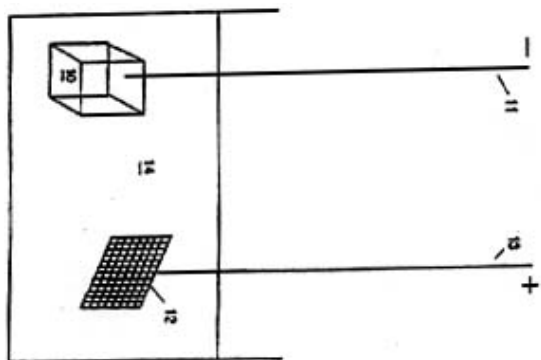
(51) International classification	:G21B1/25; G21B1/25	(71) Name of Applicant : 1)JOUANNEAU, ANDRE
(31) Priority Document No	:60/560,012	Address of Applicant :6028 SOUTHPORT DRIVE, BETHESDA, MD 20814 U.S.A.
(32) Priority Date	:07/05/2004	(72) Name of Inventor :
(33) Name of priority country	:U.S.A.	1)JOUANNEAU, ANDRE
(86) International Application No	:PCT/US2005/011542	
Filing Date	:27/04/2005	
(87) International Publication No	:WO 2006/043970	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 91

No of Claims : 65

(57) Abstract :

A method and apparatus for producing stable plasma inside a solid are provided. According to an embodiment of the method, a source of ionic particles is provided, the source being selected from an ionic solution having a pH less than 1.0, plasma gas, and a gas atmosphere. A direct electrical current is applied to a solid, and the ionic particles from the source of ionic particles are introduced into the solid to form plasma. Periodic impulses are applied to the solid to vibrate the solid and stabilize the plasma.



(54) Title of the invention : ADAMTS-8 PROTEINS AND USES THEREOF

(51) International classification	:C12N9/00; C12N9/64
(31) Priority Document No	:60/562,687
(32) Priority Date	:16/04/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/012539
Filing Date	:15/04/2005
(87) International Publication No	:WO 2005/116197
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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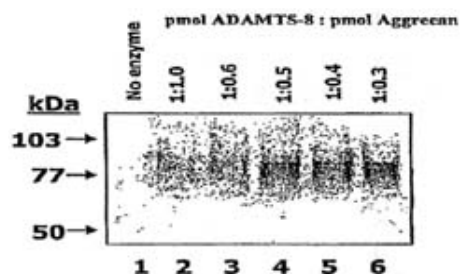
1)LAVALLE, EDWARD,R.**2)COLLINS-RACIE, LISA, A.****3)CORCORAN, CHRISTOPHER, JOHN****4)AGOSTINO, MICHAEL, J.****5)FREEMAN, BETHANY, A.****6)ARAI, MAYA****7)FLANNERY, CARL, R.****8)JIN, MACY, X.**

No of Pages : 64

No of Claims : 20

(57) Abstract :

The present invention features methods of using ADAMTS-8 proteins or their functional derivatives to cleave aggrecan or other proteoglycan molecules. The present invention also features methods for identifying ADAMTS-8 modulators that are capable of inhibiting or enhancing ADAMTS-8 proteolytic activities. In addition, the present invention features pharmaceutical compositions comprising ADAMTS-8 proteins or their derivatives or modulators. These pharmaceutical compositions can be used to treat diseases that are characterized by deficiencies or abnormalities in proteoglycan cleavage or metabolism.



(54) Title of the invention : AIR PURIFIER UNIT WITH OIL SEPARATOR AND COMPRESSED AIR PROVIDER UNIT.

(51) International classification	:B01D45/14
(31) Priority Document No	:10 2004 018 792.4
(32) Priority Date	:15/04/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/003979
Filing Date	:15/04/2005
(87) International Publication No	:WO 2005/099871
(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 :Moosacher Str.80,80809 Munchen. Germany

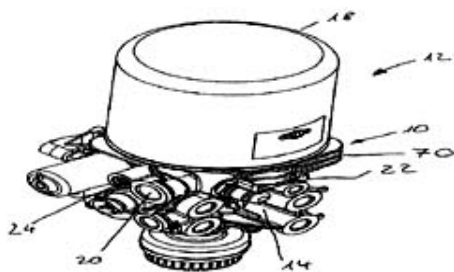
(72)**Name of Inventor :**
1)SOVAGO, Szabolcs
2)KADAR
3)VARGA

No of Pages : 15

No of Claims : 11

(57) Abstract :

The invention relates to an air purifier unit (12) with an oil separator (10). Said oil separator comprises a first chamber (26) and a second chamber (30), embodied as essentially axially symmetrical annular chambers with a common axis, whereby compressed air for purification is introduced into the first chamber and air guide means (28) are arranged in the first chamber, by means of which the flow speed of the throughflow air may be altered and the air, purified in the first chamber, may be introduced into the second chamber and then introduced into the filter unit (18) through the second chamber. The invention further relates to a compressed air provider unit.



(54) Title of the invention : SYSTEM FOR HANDOVER IN BWA COMMUNICATION SYSTEM AND METHOD THEREOF

(51) International classification :H04B 7/26
 (31) Priority Document No :41542/2004
 (32) Priority Date :07/06/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001703
 Filing Date :07/06/2005
 (87) International Publication No :WO 2005/122436
 (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)Tae-Won KIM
3)Bo-Kyung WANG
4)Yong CHANG
5)Hong-Sung CHANG

No of Pages : 26

No of Claims : 26

(57) Abstract :

Disclosed is a handover system in a BWA communication system. In the system, a serving BS broadcasts neighbor BS information including BS identifiers of a plurality of neighbor BSs and reference signal indices indicating reference signals used by the neighbor BSs, a MS receives the neighbor BS information and requests a scanning interval to the serving BS at a timing point at which the MS wants to perform a scanning, the serving BS allocates the scanning interval to the MS in response to a request for the scanning interval, and the MS scans reference signals received from the neighbor BSs during the scanning interval in response to the neighbor BS information.

Syntax	Size	Notes
MOB-NBR-ADV_Message_Format() {		
Management Message Type = 49	8 bits	
Operator ID	24 bits	Unique ID assigned to the operator
N_NEIGHBORS	8 bits	
For (j=0 : j<N_NEIGHBORS : j++) {		
Neighbor BS-ID	48 bits	
DL Physical Frequency	32 bits	
Reserved	5 bits	
N_sectors	3 bits	
For (l=0: <N_sectors: l++){		
Preamble Index	8 bits	Preamble index is also used as sector ID.
}		
Configuration Change Count	8 bits	Incremented each time the information for the associated neighbor BS has changed.
TLV Encoded Neighbor Information	Variable	TLV specific
}		
HMAC tuple	21 bytes	See 11.4.11
}		

(54) Title of the invention : SYSTEM AND METHOD FOR TRANSMITTING UPLINK CONTROL INFORMATION IN ANOFDMA COMMUNICATION SYSTEM .

(51) International classification :H04B 7/26
 (31) Priority Document No :51315/2004
 (32) Priority Date :01/07/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/002091
 Filing Date :01/07/2005
 (87) International Publication No :WO 2006/004355
 (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)Jung-Won KIM

7)Pan-Yuh JOO

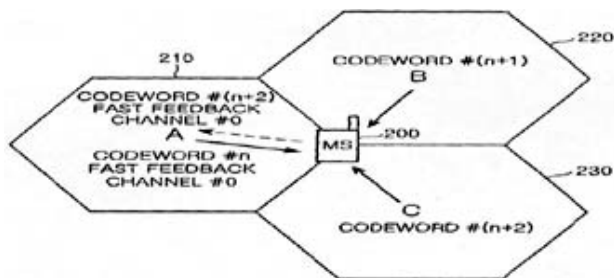
8)Jae-Weon CHO

No of Pages : 34

No of Claims : 57

(57) Abstract :

A method for transmitting uplink control information in a communication system using an orthogonal frequency division multiple access (OFDMA) scheme is provided. A mobile station (MS) selects a target anchor base station (BS) with which the MS desires to communicate through a fast feedback channel, and transmits a codeword allocated to the selected target anchor BS to a current anchor BS. Upon receiving the codeword, transmitting to the MS, by the anchor BS, fast feedback channel allocation information for the selected BS corresponding to the received codeword. The MS switches to a new anchor BS corresponding to the fast feedback channel allocation information.



(54) Title of the invention : METHOD AND APPARATUS FOR TRANSMITTING UPLINK FAST FEEDBACK INFORMATION IN AN OFDMA COMMUNICATION SYSTEM

(51) International classification :H04L 27/26
 (31) Priority Document No :39850/2004
 (32) Priority Date :01/06/2004
 (33) Name of priority country :Republic of Korea
 (86) International Application No :PCT/KR2005/001640
 Filing Date :01/06/2005
 (87) International Publication No :WO 2005/120002
 (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)Seung-Joo MAENG
4)Jeong-Heon KIM
5)Hee-Sang SEO
6)Jeong-Tae OH

No of Pages : 27

No of Claims : 27

(57) Abstract :

An apparatus and method for transmitting uplink fast feedback information using a fast feedback channel in an orthogonal frequency division multiple access (OFDMA) communication system. A channel encoder generates uplink fast feedback information to be transmitted, and outputs codewords desinged such that a minimum Hamming distance between the codewords is maximized, according to the uplink fast feedback information. A non-coherent modular performs orthogonal modulation on transmission symbols corresponding to the codewords and allocates the orthogonal-modulated transmission symbols to subcarrier cluster. An inverse fast Fourier transform (IFFT) block performs IFFT on a transmission signal having the subcarrier cluster and transmits the IFFT-processed transmission signal.

COEWORD	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
A0	0	1	2	3	4	5	6	7	8	9	0	1	6	7	4	5
A1	0	1	2	3	4	5	6	7	4	5	6	7	0	1	2	3
A2	0	1	2	3	4	5	6	7	9	2	1	0	7	6	5	4
A3	0	1	2	3	4	5	6	7	6	7	4	5	2	5	0	1
A4	0	1	2	3	4	5	6	7	5	4	7	6	1	0	3	2
A5	0	1	2	3	4	5	6	7	4	5	6	7	1	0	3	2
COEWORD	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
A0	4	5	6	7	0	1	2	3	9	2	1	0	7	6	5	4
A1	3	2	1	0	7	6	5	4	6	7	4	5	2	3	0	1
A2	6	7	4	5	2	3	0	1	7	6	5	4	3	2	1	0
A3	7	6	5	4	3	2	1	0	5	4	7	6	1	0	3	2
A4	5	4	7	6	1	0	3	2	1	0	3	2	5	4	7	6
A5	1	0	3	2	5	4	7	6	2	3	0	1	6	7	4	5
COEWORD	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47
A0	6	7	4	5	2	3	0	1	7	6	5	4	3	2	1	0
A1	7	6	5	4	3	2	1	0	5	4	7	6	1	0	3	2
A2	5	4	7	6	1	0	3	2	1	0	3	2	5	4	7	6
A3	1	0	3	2	5	4	7	6	2	3	0	1	6	7	4	5
A4	2	3	0	1	6	7	4	5	4	5	6	7	0	1	2	3
A5	4	5	6	7	0	1	2	3	9	2	1	0	7	6	5	4
COEWORD	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63
A0	5	4	7	6	1	0	3	2	1	0	3	2	5	4	7	6
A1	1	0	3	2	5	4	7	6	2	3	0	1	6	7	4	5
A2	2	3	0	1	6	7	4	5	4	5	6	7	0	1	2	3
A3	4	5	6	7	0	1	2	3	9	2	1	0	7	6	5	4
A4	3	2	1	0	7	6	5	4	6	7	4	5	2	3	0	1
A5	6	7	4	5	2	3	0	1	7	6	5	4	3	2	1	0

(54) Title of the invention : COMPOUNDS AND METHODS FOR TREATING DYSLIPIDEMIA

(51) International classification :C07D401/12
 (31) Priority Document No :60/582,708
 (32) Priority Date :24/06/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/021789
 Filing Date :22/06/2005
 (87) International Publication No :WO 2006/012093
 (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 :

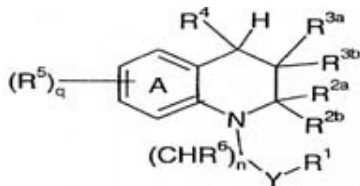
1)ESCRIBANO,Ana,Maria**2)FERNANDEZ,Maria,Carmen****3)MANTLO,Nathan,Bryan****4)MATEO-HERRANZ,Ana,Isabel****5)DELANAVA,Eva, Maria,Martin****6)WANG,xiaodong****7)WANG,xiaodong**

No of Pages : 107

No of Claims : 14

(57) Abstract :

Compounds of formula I where in n,q,y,R1,R2a,R2b,R3a,R3b,R4,R5,and R6 are as defined herein and their pharmaceutical compositions and methods of use are disclosed.



(54) Title of the invention : CUTTING TOOL AND CARTRIDGE THEREFOR .

(51) International classification	:B23B51/00; B23B51/00
(31) Priority Document No	:162147
(32) Priority Date	:24/05/2004
(33) Name of priority country	:Israel
(86) International Application No	:PCT/IL2005/000483
Filing Date	:08/05/2005
(87) International Publication No	:WO 2005/115667
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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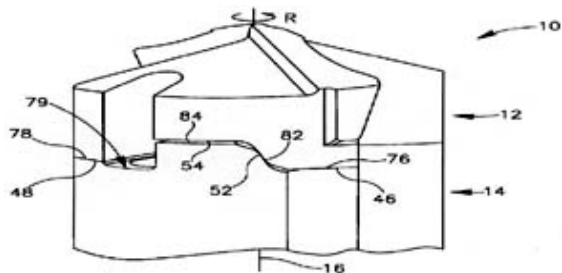
1)HECHT Gil,**2)CHEN Danny,**

No of Pages : 16

No of Claims : 14

(57) Abstract :

A drill in which a cutting head is releasably mounted on a tool shank. The cutting head is axially supported by the tool shank at four spaced apart axial support regions on shank support surfaces.



(54) Title of the invention : METHOD AND APPARATUS FOR MANUFACTURING PACKAGES OF PRODUCTS.

(51) International classification :B65B7/16;
B65B9/04
(31) Priority Document No :MO 2004A000151
(32) Priority Date :17/06/2004
(33) Name of priority country :Italy
(86) International Application No :PCT/EP2005/052588
Filing Date :06/06/2005
(87) International Publication No :WO 2005/123510
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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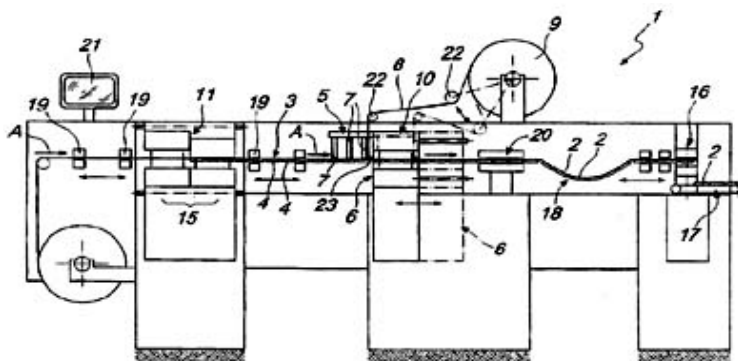
1)FREDDI,Antonie

No of Pages : 17

No of Claims : 27

(57) Abstract :

A method and an apparatus for manufacturing packages of product; the apparatus according to the invention comprises means (3) for feeding a plurality of trays (4), which are arranged substantially horizontally and so that their corresponding cavities are directed upward and are distributed in a line along at least one advancement direction (A), along which at least one unit (5) for filling at least one of the trays (4) at a time and at least one unit (6) for applying covering means to the filled tray in order to obtain a package are arranged; the application unit (6) can move in a reciprocating fashion along the advancement direction (A) between an initial configuration, which substantially coincides with the longitudinal position at which the filling of the tray (4) ends with respect to the advancement direction (A), and a final configuration, which is advanced with respect to the initial one, the filling unit (5) being movable in a reciprocating manner toward and away from the longitudinal end filling position.



(54) Title of the invention : CYCLOOLEFIN PHOSPHINE LIGANDS AND THEIR USE IN CATALYSIS.

(51) International classification :B01J31/24;
C07F9/50
(31) Priority Document No :04011152.8
(32) Priority Date :11/05/2004
(33) Name of priority country :EUROPEAN
UNION
(86) International Application No :PCT/EP2005/003932
Filing Date :14/04/2005
(87) International Publication No :WO 2005/108407
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

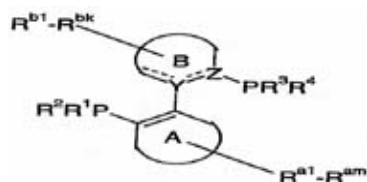
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2)Dr.Juan Jose Almena Perea
3)Dr.Axel Monsees
4)Dr.Thomas Riermeier
5)Ilias Z.Ialdinov

No of Pages : 75

No of Claims : 10

(57) Abstract :

The present invention concerns novel bidentate optionally N-containing P-ligands of general Formula (I) embracing a two-ring-system and processes for synthesizing them, transition metal complexes of these compounds and their use as catalysts.



(54) Title of the invention : PROCESS FOR THE DIRECT SYNTHESIS OF HYDROGEN PEROXIDE.

(51) International classification	:B01J8/00; B01J8/02
(31) Priority Document No	:102004023766.2
(32) Priority Date	:11/05/2004
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/003933
Filing Date	:14/04/2005
(87) International Publication No	:WO 2005/108285
(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)Dr.Guido Stochniol
3)Dr.Robert Jahn

No of Pages : 20

No of Claims : 7

(57) Abstract :

In the preparation of organic or aqueous-organic hydrogen peroxide solutions by direct synthesis from a non-explosive gaseous mixture containing hydrogen and oxygen, in the presence of a noble metal catalyst, using a reaction medium containing a halide and a strong acid, the reaction can be carried out in a stainless steel reactor without corrosion occurring on the reactor material if, during the reaction, the surface of the stainless steel is at no point in permanent contact with the gaseous mixture passing through the reactor.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.3267/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :08/11/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : 'METHOD FOR PREPARING N-PIPERIDINO-1,5-DIPHENYLPYRAZOLE-3- CARBOXAMIDE DERIVATIVES.'

(51) International classification	:C07D231/14; C07D231/
(31) Priority Document No	:0408111
(32) Priority Date	:22/07/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/001850
Filing Date	:20/07/2005
(87) International Publication No	:WO 2006/021652
(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)DAUMAS MARC
3)SOLE RAPHAEL
4)DLUBALA ALAIN

No of Pages : 10

No of Claims : 11

(57) Abstract :

The invention concerns a method for preparing a compound of formula (I) wherein: R1 represents a hydrogen or halogen atom or a C1-C4 alkyl group; R2, R3, R4, R5, R6, R7 represent each independently of one another a hydrogen or halogen atom or a C1-C4 alkyl, C1-C4 alkoxy, trifluoromethyl group; as well as their salts.

(54) Title of the invention : AZASUGAR DERIVATIVES, HEPARANASE INHIBITORS, METHOD FOR PREPARING SAME, COMPOSITIONS CONTAINING SAME, USE THEREOF.

(51) International classification :C07H3/06;
A61K31/700
(31) Priority Document No :04/08,160
(32) Priority Date :23/07/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/001851
Filing Date :20/07/2005
(87) International Publication No :WO 2006/021653
(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)DRIGUEZ PIERRE ALEXANDRE

No of Pages : 125

No of Claims : 10

(57) Abstract :

The invention concerns heparanase inhibiting compounds OF GENERAL formula (I) wherein K represents a hydrogen atom, an hydroxy radical, a -OSO₃- radical, a -O-(C₁-C₅)alkyl radical or an -O- aralkyl radical; Z represents a COO radical or a hydroxy radical; X represents -OH or a saccharide unit of formula A, Y represents H, Q-C-, alkyl or a saccharide unit of formula D; in the form of pharmaceutically acceptable salts- formed with a base or an acid as well as in the form of solvates or hydrates. The derivatives of the invention are useful as medicines. (57) Abstract : La présente invention concerne les composés inhibiteurs d'heparanases, répondant à la formule générale (I) : dans laquelle R représente un atome d'hydrogène, un radical hydroxyle, un radical -OSO₃- radical -O-(C₁-C₅)-

(54) Title of the invention : OCULOSELECTIVE DRUGS AND PRODRUGS.

(51) International classification :A61K31/24;
A61K31/21
(31) Priority Document No :60/574,157
(32) Priority Date :25/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/018350
Filing Date :24/05/2005
(87) International Publication No :WO 2005/115375
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

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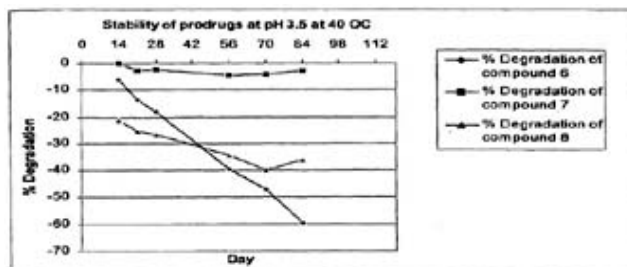
1)MATIER ,WILLIAM L .**2)PATIL ,GHANSHYAM**

No of Pages : 59

No of Claims : 62

(57) Abstract :

Compounds of the following formula are disclosed: wherein R1 and R2 are each independently H, W, or a phenoxyl protecting group; and R4 H or W, provided that at least one of R1, R2, and R4 is W; R3 is hydrogen, straight chain or branched C1-C10 alkyl, cycloalkyl, amino, C1-C10 alkoxy, -NHC(=O)Ra, or -C(=O)N(H)Ra; Ra is alkyl, aryl, or heterocyclyl; Z is -O-, -O(C=O)-, or NH(C=O)-, wherein when Z is -O-, R5 is H, straight chain or branched C1-C10 alkyl, cycloalkyl, cycloalkyl substituted with at least one straight or branched C1-C10 alkyl, C1-C10 alkoxyalkyl, amino, benzyl, tetrahydrofuranyl, dihydrofuranyl, furanyl, mor-pholiny, piperidiny, tetrahydropyranyl, dioxolanyl, 2,2-dimethyl dioxolanyl, dioxanyl, pyrrolyl, pyrrolsdiny, tetrahydrooxazolyl, dihydrooxazolyl, phenyl, or phenyl substituted with C1-Clo alkyl, C1-C10 alkoxy, or halo; and W is:, wherein each R6 is indepen-dently H, straight chain or branched C1-C10 alkyl, or straight chain or branched C1-C10 alkoxyalkyl; and R7 is alkyl, cycloalkyl, aryl, or aralkyl; and wherein when Z is -O(C=O)-, R5 is straight chain or branched C1-C10 alkyl, cycloalkyl, cycloalkyl substituted with at least one straight or branched C1-C10 alkyl, C1-C10 alkoxyalkyl, amino, benzyl, tetrahydrofuranyl, dihydrofuranyl, furanyl, mor-pholiny, piperidiny, tetrahydropyranyl, dioxolanyl, 2,2-dimethyl dioxolanyl, dioxanyl, pyrrolyl, pyrrolidiny, tetrahydrooxazolyl, dihydrooxazolyl, phenyl, or phenyl substituted with C1-C10 alkyl, C1-C10 alkoxy, or halo; and W is: , wherein each R6 is indepen-dently H, straight chain or branched C1-C to alkyl, or straight chain or branched C,-C to alkoxyalkyl; and R7 is alkyl, cycloalkyl, aryl, or aralkyl; and wherein when Z is-NH(C=O)-, R5 is straight chain or branched C1 -C10 alkyl, cycloalkyl, cycloalkyl substituted with at least one straight or branched C1-C10 alkyl, C1-C10 alkoxyalkyl, amino, benzyl, tetrahydrofuranyl, dihydrofuranyl, furanyl, morpholiny, piperidiny, tetrahydropyranyl, &oxolanyl, 2,2-dimethyl dioxolanyl, dioxanyl, pyrrolyl, pyrrolidiny, tetrahydrooxa-zolyl, dihydrooxazolyl, phenyl, or phenyl substituted with C1-C10 alkyl, C1-C10 alkoxy, or halo; and W is: ; wherein each R6 is independently H, straight chain or branched C1 -C to alkyl, or straight chain or branched C,-Clo alkoxyalkyl. Methods of preparing the compounds, pharmaceutical compositions comprising the compounds, and methods of treating patients by administration of the pharmaceutical compositions, are also disclosed.



(54) Title of the invention : MODULAR DATA COMPONENTS FOR WIRELESS COMMUNICATION DEVICES.

(51) International classification :G06F9/445;
H04Q7/32
(31) Priority Document No :10/848,939
(32) Priority Date :18/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017451
Filing Date :18/05/2005
(87) International Publication No :WO 2005/115036
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

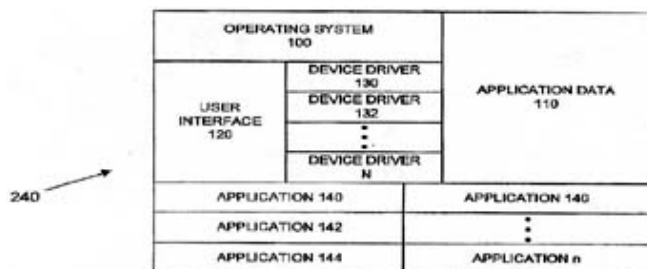
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2)PATEL ,MEHUL B.
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No of Pages : 45

No of Claims : 13

(57) Abstract :

Systems and methods for dynamic installation of modular software applications (140) or hardware device drivers (130) are provided. A wireless communication device (20) sends a request to an update module server (60) identifying a requested software or hardware module (140, 130). The update module server (60) responds with an instruction set for installing the requested module and the software or hardware module itself. Upon receipt, the device (20) executes the instruction set to install the requested module, making any necessary adjustments or deletions to data in persistent storage (240) in order to accommodate the requested module (140, 130). Subsequently, the wireless communication device (20) is reconfigured or rebooted to complete the installation and configuration.



(54) Title of the invention : "ARYL KETONE COMPOUNDS AND COMPOSITIONS FOR DELIVERIING ACTIVE AGENTS."

(51) International classification

:A61K31/192;

A61K31/1

(31) Priority Document No

:60/571,092

(32) Priority Date

:14/05/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/017339

Filing Date

:16/05/2005

(87) International Publication No

:WO 2005/117854

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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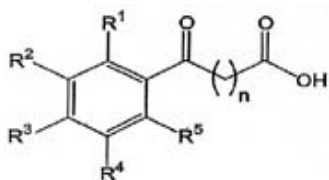
1)RATH ,PARSHURAM**2)GOMEZ-ORELLANA,M., ISABEL****3)VUOCOLO,EDMUND ,A.(DECEASED)**

No of Pages : 53

No of Claims : 18

(57) Abstract :

The present invention provides aryl ketone compounds and compositions containing them which facilitate the delivery of active agents. The aryl ketone compounds have the formula (I) or a salt thereof, where n=1 to 9, and R1 to R5 are independently hydrogen, C1 to C4 alkyl, C1 to C4 alkoxy, C2 to C4 alkenyl, halogen, hydroxyl, -NH-C(O)-CH3, or -O-C6H5.



(54) Title of the invention : SAFE BATTERY SOLVENTS.

(51) International classification :H01M10/40;
H01M10/36
(31) Priority Document No :10/848,480
(32) Priority Date :17/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015364
Filing Date :02/05/2005
(87) International Publication No :WO 2005/117199
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

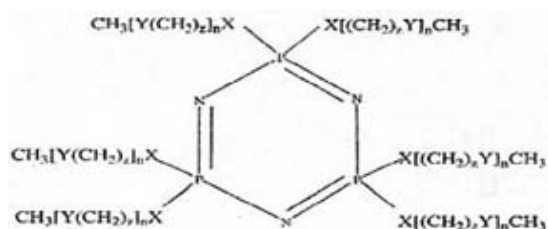
(71)Name of Applicant :
1)BATTELLE ENERGY ALLIANCE,LLC
Address of Applicant :P.O.BOX 1625 ,IDAHO FALLS, IDAHO 83415-3899 U.S.A.
(72)Name of Inventor :
1)HARRUP , MASON, K .
2)DELMASTOR , JOSEPH , R.
3)STEWART , FREDERICK, F.
4)LUTHER , THOMAS ,A.

No of Pages : 23

No of Claims : 23

(57) Abstract :

An ion transporting solvent maintains very low vapor pressure, contains flame retarding elements, and is nontoxic. The solvent in combination with common battery electrolyte salts can be used to replace the current carbonate electrolyte solution, creating a safer battery. It can also be used in combination with polymer gels or solid polymer electrolytes to produce polymer batteries with enhanced conductivity characteristics. The solvents may comprise a class of cyclic and acyclic low molecular weight phosphazenes compounds, comprising repeating phosphorus and nitrogen units forming a core backbone and ion-carrying pendent groups bound to the phosphorus. In preferred embodiments, the cyclic phosphazene comprises at least 3 phosphorus and nitrogen units, and the pendent groups are polyethers, polythioethers, polyether/polythioethers or any combination thereof, and/or other groups preferably comprising other atoms from Group 6B of the periodic table of elements. An ion transporting solvent maintains very low vapor pressure, contains flame retarding elements, and is nontoxic. The solvent in combination with common battery electrolyte salts can be used to replace the current carbonate electrolyte solution, creating a safer battery. It can also be used in combination with polymer gels or solid polymer electrolytes to produce polymer batteries with enhanced conductivity characteristics. The solvents may comprise a class of cyclic and acyclic low molecular weight phosphazenes compounds, comprising repeating phosphorus and nitrogen units forming a core backbone and ion-carrying pendent groups bound to the phosphorus. In preferred embodiments, the cyclic phosphazene comprises at least 3 phosphorus and nitrogen units, and the pendent groups are polyethers, polythioethers, polyether/polythioethers or any combination thereof, and/or other groups preferably comprising other atoms from Group 6B of the periodic table of elements. An ion transporting solvent maintains very low vapor pressure, contains flame retarding elements, and is nontoxic. The solvent in combination with common battery electrolyte salts can be used to replace the current carbonate electrolyte solution, creating a safer battery. It can also be used in combination with polymer gels or solid polymer electrolytes to produce polymer batteries with enhanced conductivity characteristics. The solvents may comprise a class of cyclic and acyclic low molecular weight phosphazenes compounds, comprising repeating phosphorus and nitrogen units forming a core backbone and ion-carrying pendent groups bound to the phosphorus. In preferred embodiments, the cyclic phosphazene comprises at least 3 phosphorus and nitrogen units, and the pendent groups are polyethers, polythioethers, polyether/polythioethers or any combination thereof, and/or other groups preferably comprising other atoms from Group 6B of the periodic table of elements.



Example of a useful cyclic phosphazene

(54) Title of the invention : LIFTING AND ERECTING ANCHOR FOR A PANEL MADE OF A CURABLE MATERIAL PARTICULARLY CONCRETE.

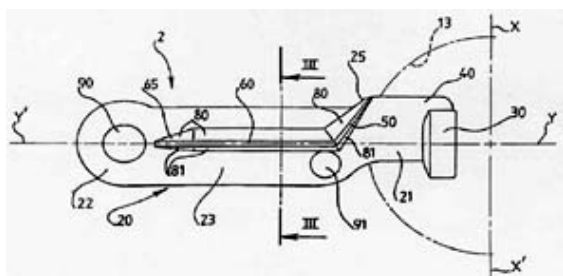
(51) International classification	:E04G21/14; E04G21/14	(71)Name of Applicant : 1)ARTEON MARCEL
(31) Priority Document No	:04 291 029.9	Address of Applicant :RESIDENCE TOKIEDER, 12 RUE TOKIEDR 64100 BAYONNE France
(32) Priority Date	:19/04/2004	2)VERDE PATRICK
(33) Name of priority country	:EUROPEAN UNION	(72)Name of Inventor :
(86) International Application No	:PCT/FR/2005/000786	1)ARTEON MARCEL
Filing Date	:31/03/2005	
(87) International Publication No	:WO 2005/111342	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 27

No of Claims : 10

(57) Abstract :

The invention relates to a lifting and raising anchor for a panel made of a settable material, capable of having a small thickness along a first direction relatively to its dimensions in a plane perpendicular to this first direction, this anchor (2) comprising an elongated rod (20) along a second direction substantially perpendicular to the first embedded in the panel, a gripping head (30) solid with an external part (21) of the rod (20) protruding out of the panel, and a boss (40) increasing the thickness of the external part (21) of the rod (20) along the first direction. According to the invention, the anchor (2) comprises at least two oblique anchoring wings (50) extending along the rod (20) from the boss (40), on two opposite sides of this rod (20), in an oblique direction relative to the first and second directions, in a direction opposite the head (30).



(54) Title of the invention : AL₂O₃ CERAMIC TOOLS WITH DIFFUSION BONDING ENHANCED LAYER

(51) International classification

:B32B9/00;

C04B41/52

(31) Priority Document No

:10/848,776

(32) Priority Date

:19/05/2004

(33) Name of priority country

:U.S.A.

(86) International Application No

:PCT/US2005/015720

Filing Date

:05/05/2005

(87) International Publication No

:WO 2005/121388

(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 :

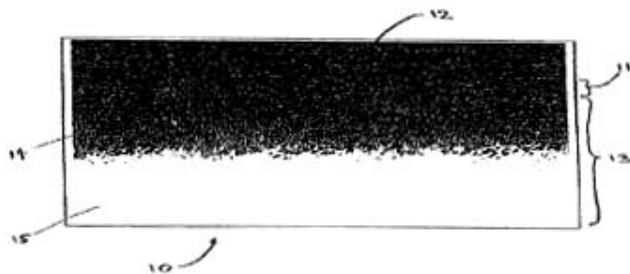
1)FANG ,X., DANIEL**2)WILLS ,DAVID , J.****3)FESTEAU , GILLES**

No of Pages : 27

No of Claims : 53

(57) Abstract :

The present invention relates to ceramic cutting tools, such as, a aluminum oxide with zirconium oxide ceramic cutting tool with diffusion bonding enhanced layer and CVD coatings, particularly useful for machining modern metal materials. The method comprises a chemical reaction with a mixture including nitrogen and aluminum chloride introduced to form a diffusion bonding enhanced layer between the ceramic substrate and the CVD coatings. Thus formed diffusion bonding is highly adherent to the aluminum oxide with zirconium oxide ceramic substrate and significantly enhances the CVD coating properties, and thus improving the machining performance in terms of the tool life of zirconium-based aluminum oxide with zirconium oxide ceramic cutting tools.



(54) Title of the invention : "METHOD AND SYSTEM FOR TRACKING ASSETS IN A TRANSPORTATION NETWORK.."

(51) International classification :G06F17/60
 (31) Priority Document No :60/573,322
 (32) Priority Date :24/05/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2004/032198
 Filing Date :30/09/2004
 (87) International Publication No :WO 2005/119544
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

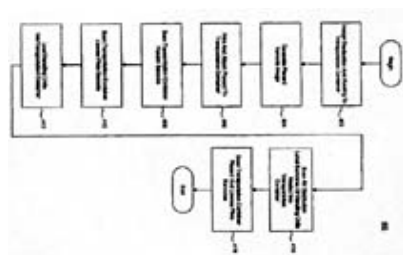
(71)**Name of Applicant :**
1)UNITED STATES POSTAL SERVICE
 Address of Applicant :475 L'ENFANT PLAZA S.W., WASHINGTON,
 DC 20260-1135 U.S.A.
 (72)**Name of Inventor :**
1)MALLONEE CYNTHIA F
2)KELLY GEORGE R

No of Pages : 40

No of Claims : 84

(57) Abstract :

Systems and methods for tracking assets of a service provider in a transportation network may comprise assigning a destination and route to a transportation container (step 402) having an associated permanent identification marker. A client (1002) may generate a unique identification label for the transportation container (step 04), wherein the unique identification label includes information regarding the destination and route assigned to the container. Thereafter, the unique identification label is attached to the transportation container (step 406). The client (1002) also receives first information pertaining to the unique identification label attached to the transportation container, and second information pertaining to the permanent identification marker associated with the transportation container. Handling units (102) containing delivery items are loaded into the transportation container.



(54) Title of the invention : LITHIUM METAL OXIDE MATERIALS AND METHODS OF SYNTHESIS AND USE.

(51) International classification :C01G53/00;
H01M4/48
(31) Priority Document No :10/850,877
(32) Priority Date :21/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/017548
Filing Date :19/05/2005
(87) International Publication No :WO 2005/114768
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)TIAX LLC.Address of Applicant :15 ACORN PARK, CAMBRIDGE, MA 02140,
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(72)Name of Inventor :

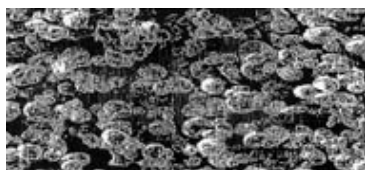
1)ONNERUD PER T**2)SHI JAY JIE****3)DALTON -CASTOR SHARON L****4)LAMPE-ONNERUD CHRISTINA**

No of Pages : 40

No of Claims : 23

(57) Abstract :

A composition having a formula $\text{Li}_x\text{MgyNiO}_2$ wherein $0.9 < x < 1.3$, $0.01 < y < 0.1$, and $0.91 < x + y < 1.3$ can be utilized as cathode materials in electrochemical cells. A composition having a core, having a formula $\text{Li}_1x\text{MgyNiO}_2$ wherein $0.9 < x < 1.3$, $0.01 < 1.3$, and a coating on the core, having a formula Li_aCobO_2 wherein $0.7 < a < 1.3$, and $0.9 < 1.2$, can also be utilized as cathode materials in electrochemical cells



(54) Title of the invention : MULTILAYER BARRIER CONTAINERS HAVING INCREASED ADHESION AND DURABILITY.

(51) International classification	:B32B27/32; B32B27/32
(31) Priority Document No	:60/567,918
(32) Priority Date	:04/05/2005
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/015309
Filing Date	:29/04/2005
(87) International Publication No	:WO 2005/108070
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71) Name of Applicant : 1)Becton, Dickinson and Company Address of Applicant :1 Becton Drive Franklin Lakes New Jersey 07417-1880 U.S.A.
(72) Name of Inventor : 1)Hutton, Norman 2)Soskey, Paul 3)DeSalvo, Danielle

No of Pages : 21

No of Claims : 41

(57) Abstract :

A technique is provided for decreasing the delamination of multilayered containers formed by coinjection. The multilayered container comprises at least a layer of hydrophilic copolymer and a layer comprising a blend of a polyolefin and an anhydride modified polyolefin. Desirably, the hydrophilic copolymer forms the core layer and the blend of a polyolefin and an anhydride modified form the outer skin layers. The containers are suitable for blood collection, however they may be used for other applications are well.

(54) Title of the invention : SYSTEM AND APPARATUS FOR MEDICAL ERROR MONITORING .

(51) International classification :C08C17/00
 (31) Priority Document No :60/566,439
 (32) Priority Date :30/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/014429
 Filing Date :28/04/2005
 (87) International Publication No :WO 2005/11 1086
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

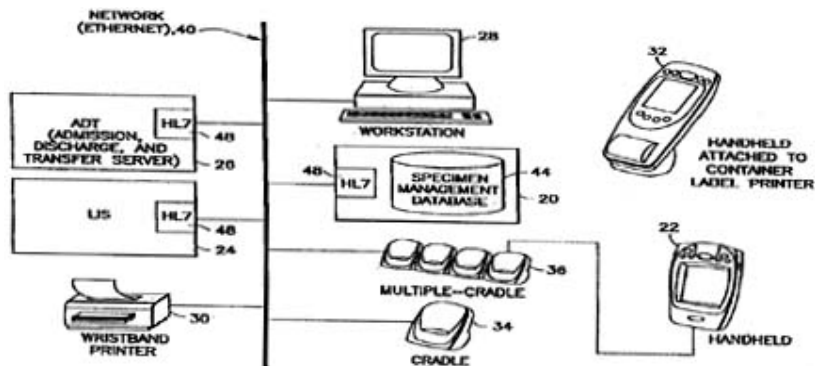
(71)**Name of Applicant :**
1)Becton, Dickinson and Company
 Address of Applicant :1 Becton Drive Franklin Lakes New Jersey 07417-1880 U.S.A.
 (72)**Name of Inventor :**
1)Godshall, Christopher
2)Vansickler, Michael
3)Vankirk, Jill

No of Pages : 66

No of Claims : 21

(57) Abstract :

An apparatus and system for providing improved monitoring errors in a medical setting. The apparatus includes a storage medium, display and scanner that allow medical personnel to quickly and reliably track and monitor samples collected from patients, such as information about the type, location, and timing of a collected sample. An unable to complete function labels incompletely collected samples or otherwise notifies the processing facility. Label sets and/or messages are generated to guide medical personnel when performing orders. Errors are linked to collection events for variance tracking. Temporary identifier labels are generated for containers and such when no order is pending. Order of draw procedures is communicated to medical personnel at the collection site.



(54) Title of the invention : CHEESE AND METHODS OF MAKING SUCH CHEESE .

(51) International classification :A23C19/00;
A23C19/06
(31) Priority Document No :60/568,029
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015270
Filing Date :03/05/2005
(87) International Publication No :WO 2005/107486
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Leprino Foods Company

Address of Applicant :1830 West 38th Avenue, Denver, Colorado 80211 U.S.A.

(72)Name of Inventor :

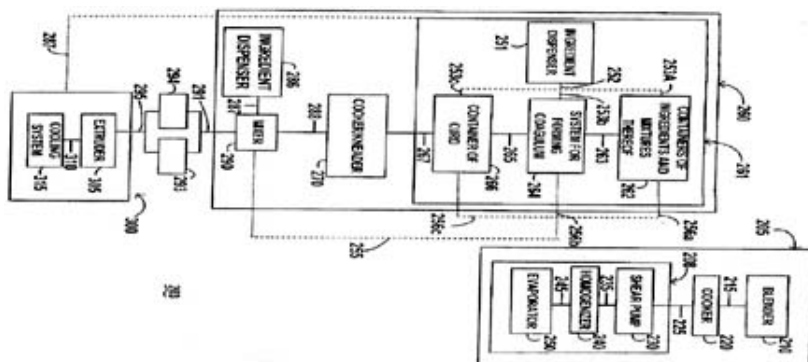
1)Merrill, Richard, K**2)Singh, Mayank**

No of Pages : 50

No of Claims : 47

(57) Abstract :

Methods for preparing cheese are provided that involve combining a slurry with a cheese precursor to form an admixture that is subsequently processed to form the cheese product. The slurry typically includes a liquid such as water, milk and/or cream and one or more ingredients that are useful for inclusion in the final cheese product. Systems for preparing such slurries and cheese products are also provided.



(54) Title of the invention : DISPERSION HAVING AN INSECTICIDAL ACTION.

(51) International classification	:A01N 59/00
(31) Priority Document No	:102004021532.4
(32) Priority Date	:03/05/2005
(33) Name of priority country	:Germany
(86) International Application No	:PCT/EP2005/004069
Filing Date	:18/04/2005
(87) International Publication No	:WO 2005/104851
(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 :Bennigsenplatz 1 40474 Dusseldorf Germany
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(72) Name of Inventor :
1)Dr. Wolfgang Lortz
2)Dr. Jochen Scheffler
3)Gabriele Perlet

No of Pages : 11

No of Claims : 5

(57) Abstract :

Dispersion comprising, in addition to water, 0.5 to 20 wt.% of hydrophobic silica, 0.01 to 10 wt.% of a gelling or viscosity-increasing additive, 0.1 to 1 wt.% of a preservative and 0 to 1 wt.% of a surface-active substance. It is prepared by a procedure in which the individual components are dispersed successively or together into the water and in this procedure the individual components are deaerated before and/or during the addition or the dispersion is deaerated during the individual dispersing steps. The dispersion can be employed as an insecticide.

(54) Title of the invention : DEVICE FOR WINDING AND UNWINDING OF HOSES, CABLES OR THE LIKE.

(51) International classification

:B62B1/26;

B65H75/36

(31) Priority Document No

:2004/0228

(32) Priority Date

:10/05/2004

(33) Name of priority country

:Belgium

(86) International Application No

:PCT/BE2005/000067

Filing Date

:03/05/2005

(87) International Publication No

:WO 2005/108268

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

(71)Name of Applicant :

1)Dethier Livin Fernand GeorgesAddress of Applicant :Leemkuilstraat 144, B-3570 Alken, Belgium
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(72)Name of Inventor :

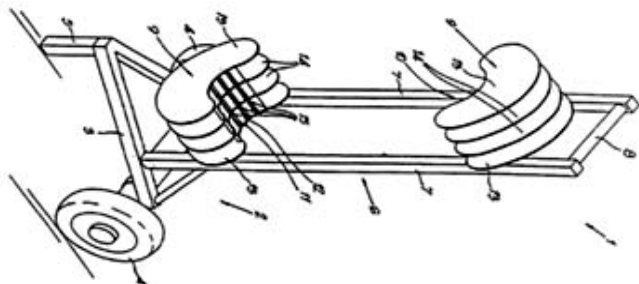
1)Dethier Livin Fernand Georges

No of Pages : 23

No of Claims : 33

(57) Abstract :

Device for winding and unwinding hoses, cables or the like, which device (1) mainly consists of a wheeled undercarriage (2) with a support (6), whereby suspension means (9) are provided on the above-mentioned support (6) in the shape of at least two fixed guides (10 and 11), which are each made in the shape of a bent element (12), and whereby these bent elements (12) are directed with their hollow sides towards each other, whereby the above-mentioned bent elements (12) are confined by at least one upward or downward directed partition (13) which is practically parallel to the support (6) and whereby intermediate partitions (14) are provided on these elements (12) as well.



(54) Title of the invention : POLARIZED AND ABRASION-RESISTANT OPTICAL ARTICLE AND PROCESS FOR MANUFACTURING THEREOF .

(51) International classification	:C09K19/38; C09K19/60	(71) Name of Applicant : 1)Essilor International(Compagnie Generale D'optique) Address of Applicant :147 rue de Paris 94220 Charenton Le Pont France
(31) Priority Document No	:04291188.3	France
(32) Priority Date	:07/05/2004	2)ROLIC TECHNOLOGIES LTD.
(33) Name of priority country	:EUROPEAN UNION	(72) Name of Inventor :
(86) International Application No	:PCT/EP2005/005789	1)Biver Claudine
Filing Date	:04/05/2005	2)Maisonnier Sylvette
(87) International Publication No	:WO 2005/109049	3)Bachels Thomas
(61) Patent of Addition to Application Number	:NA	4)Lesartre Noemie
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 33

No of Claims : 35

(57) Abstract :

The invention relates to polarized and abrasion-resistant article comprising: a) a polarized layer applied to a substrate, said polarized layer including an oriented liquid crystal polymer layer (LCP) including at least one dichroic dye, said liquid crystal layer being coated on a photo-orientation layer, and b) an abrasion-resistant coating applied to the polarized layer on said substrate. The invention also relates to a process for manufacturing said articles, and to the use of the above-mentioned article for the manufacturing of optic glasses or lenses.

(54) Title of the invention : APPLICATION OF BONDING AGENT TO PRODUCE A STRUCTURE THAT IS ABLE TO WITHSTAND HIGH TEMPERATURES.

(51) International classification :B23K1/20;
B23K1/20
(31) Priority Document No :102004021037.3
(32) Priority Date :29/04/2004
(33) Name of priority country :Germany
(86) International Application No :PCT/EP2005/004336
Filing Date :22/04/2005
(87) International Publication No :WO 2005/107992
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

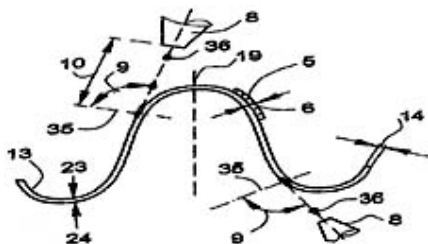
(71)Name of Applicant :
1)Emitec Gesellschaft fur Emissionstechnologie Mbh
Address of Applicant :Hauptstrasse 128, 53797 Lohmar, Germany
(72)Name of Inventor :
1)Althofer, Kait

No of Pages : 32

No of Claims : 15

(57) Abstract :

A process for producing a structure (1) which is able to withstand high temperatures and comprises at least one at least partially structured metallic sheet (2), the process involving at least the following steps: (a) applying a bonding agent (3) to at least one joining portion (4) of the at least one sheet (2), the bonding agent (3), in order to form a bonding layer (5), being applied in drop form, so that a layer thickness (6) of the bonding layer (5) of less than 0.05mm is provided; (b) at least partially shaping the structure (1); (c) applying a solder material (7), so that the latter is at least partially fixed to a bonding layer (5); (d) carrying out a heat treatment. The process in particular allows accurate application of glue and solder to metallic honeycomb structures, as are preferably used for exhaust-gas treatment in automotive engineering.



(54) Title of the invention : AN APPARATUS FOR DAMPING THE TORSIONAL EXCITATION OF A DRIVE SHAFT .

(51) International classification :F16F9/26;
F16F15/023
(31) Priority Document No :0413153.8
(32) Priority Date :12/06/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/EP2005/052668
Filing Date :09/06/2005
(87) International Publication No :WO 2005/121594
(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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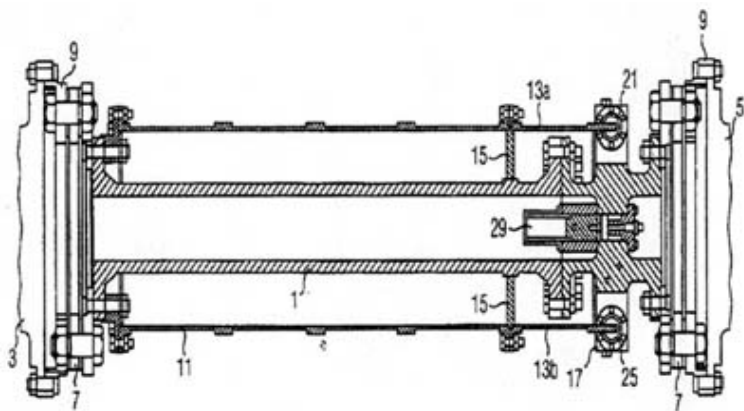
1)Knowles,James,Grahame

No of Pages : 14

No of Claims : 12

(57) Abstract :

An apparatus for damping the torsional excitation of a drive shaft, said apparatus comprising: a member secured to one end of the drive shaft and extending along the drive shaft; and damping means secured to the other end of the drive shaft for damping vibration of the end of said member remote from the securing of the member to said one end of the drive shaft. A hydraulic circuit for damping the vibration of a component in a first dimension, said circuit comprising: a pair of hydraulic cylinders disposed so that the actions of the pistons of the cylinders oppose one another in said first dimension, said pistons communicating with said component; and a fluid flow path between said cylinders, vibration of said component in said first dimension causing fluid flow between the cylinders to damp the vibration.



(54) Title of the invention : MOUNTING WITH AUXILIARY BUMPS.

(51) International classification	:H01L23/48; H01L23/49
(31) Priority Document No	:10/841,764
(32) Priority Date	:06/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2005/013400
Filing Date	:20/04/2005
(87) International Publication No	:WO 2005/112113
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

(71)Name of Applicant :

1)Endwave Corporation

Address of Applicant :130 Baytech Drive, San Jose, CA 95134 U.S.A.

(72)Name of Inventor :

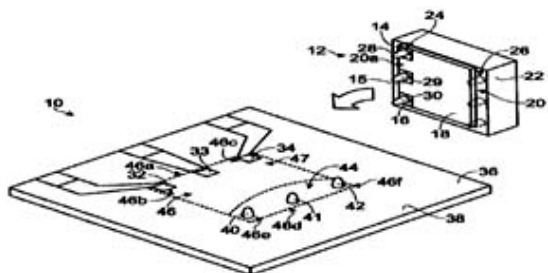
1)Johnson, Edwin,F.

No of Pages : 25

No of Claims : 12

(57) Abstract :

An electronic circuit (10) can be produced by placing an electrically conductive compressible circuit bump (28) on a circuit electrode (32) of a mounting surface (20, 46) of first and second circuit devices (12, 38), such as an integrated circuit and a base substrate. One or more auxiliary bumps (40) can also be placed on one or both of the mounting surfaces (20, 46) of the circuit devices (12, 38). During mounting, the first circuit device (12) can be positioned over the second circuit device (38) with the circuit bumps (28) connecting circuit contacts (14, 32) on the two mounting surfaces (20, 46). Pressure can be applied so that the circuit bumps (28) and the auxiliary bumps (40) are compressed between the integrated circuit and the base device sufficiently for adhering at least the circuit bumps (28) to the circuit contacts (14, 32).



(54) Title of the invention : METHOD AND DEVICE FOR DECOUPLING AND /OR DESYNCHRONIZING NEURAL BRAIN ACTIVITY.

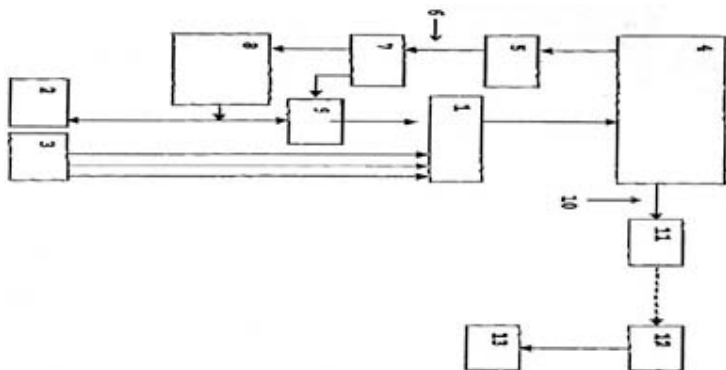
(51) International classification	:A61B5/0476; A61N1/36	(71) Name of Applicant : 1)Forschungszentrum Julich GmbH
(31) Priority Document No	:102004025945.3	Address of Applicant :Wilhelm-Johnen-Strasse, 52425 Julich, Germany
(32) Priority Date	:27/05/2004	Germany
(33) Name of priority country	:Germany	(72) Name of Inventor :
(86) International Application No	:PCT/DE2005/000780	1)Tass Peter
Filing Date	:28/04/2005	2)Popovych Oleksandr
(87) International Publication No	:WO 2005/115537	3)Hauptmann Christian
(61) Patent of Addition to Application Number	:NA	4)Krachkovskyi Valerii
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

No of Pages : 94

No of Claims : 21

(57) Abstract :

The invention relates to a device for decoupling and/or desynchronizing neural, pathologically synchronous brain activity, in which the activities in a partial region of a brain area or a functionally associated brain area are stimulated by means of an electrode, surprisingly resulting in decoupling and desynchronization of the targeted neuron population from the patient's pathological area while the symptoms are suppressed. In an alternative embodiment of the inventive device, the pathologically synchronous brain activity is desynchronized, which also results in the symptoms being suppressed. The feedback stimulation signal, i.e. the measured, delayed, and processed neural activity, is used as a stimulus, whereby the stimulation signal is controlled on demand in a self-regulating manner such that the magnitude of the resulting stimulating influence on the neural population that is to be decoupled or desynchronized is automatically minimized once decoupling and/or desynchronization has been successful. The inventive device does not need to be calibrated with great effort nor do the stimulation parameters need to be regulated in order for the device to be operated successfully; however, said stimulation parameters can preferably be adjusted and optimized with the aid of an additional controller. The disclosed device comprises a stimulation electrode (2) and at least one sensor (3) which are triggered using a controller so as to cause decoupling and/or desynchronization in the local environment.



(54) Title of the invention : TETRAHYDROISOQUINOLINE SULFONAMIDE DERIVATIVES, THE PREPARATION THEREOF, AND THE USE OF THE SAME IN THERAPEUTICS

(51) International classification	:C07D 217/02
(31) Priority Document No	:04/05,607
(32) Priority Date	:25/05/2004
(33) Name of priority country	:France
(86) International Application No	:PCT/FR2005/001279
Filing Date	:24/05/2005
(87) International Publication No	:WO 2005/118547
(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)DIAZ MARTIN JUAN ANTONIO**2)JIMENEZ BARGUENO MARIA DOLORES**

No of Pages : 30

No of Claims : 8

(57) Abstract :

The invention relates to a compound of formula (I) wherein n can represent a value between 1 and 6; -(C)n- represents a C1-6 alkylidene group, optionally substituted by between 1 and 4 substituents; R1 represents a hydrogen atom, or a C1-6 alkyl group; R2 represents a hydrogen atom, a C1-6 alkyl or C3-6 cycloalkyl group optionally substituted by between 1 and 4 substituents; and B represents NR3R4, R3 and R4 independently representing a C1-6 alkyl group or a hydrogen atom, or together representing a C1-6 alkylidene group, a C2-8 alkenylidene group, a C1-3 alkylidene-O-C1-3 alkylidene group, or a C1-3 alkylidene-N(R5)-C1-3 alkylidene group wherein R5 represents a hydrogen atom, or a C1-3 alkyl or C1-6 alkylcarbonyl group, said C1-3 alkyl and C1-6 alkylcarbonyl groups being substitutable, or an aminocycle which is linked by a carbon to the group -NR1-(C)n-, such as aziridine, azetidine, pyrrolidine, piperidine or morpholine, the groups R3, R4, the aminocycle, and the nitrogen atom being optionally substituted. The invention can be applied to therapeutics.

(54) Title of the invention : MOTOR AND GEAR UNIT ASSEMBLY

(51) International classification :F16M7/00;
H02K5/00
(31) Priority Document No :0410900.5
(32) Priority Date :15/05/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/BE2005/000068
Filing Date :03/05/2005
(87) International Publication No :WO 2005/111494
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

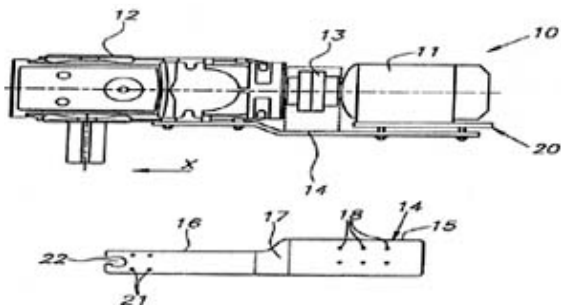
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(72)**Name of Inventor :**
1)LEIMANN, DIRK, OLAF

No of Pages : 10

No of Claims : 8

(57) Abstract :

A motor and gear unit assembly comprising a gear unit, a motor and a structural connector to which the gear unit and motor are secured, said structural connector being of a substantially elongate shape which extends substantially parallel with the rotational axis of a transmission member which interconnects the axially spaced motor and gear unit, said structural connector having at least a part which is substantially planar and which, in use, is orientated to lie in a substantially vertical plane, one of the gear unit end and motor end of the structural connector being a supported end which is secured to or adapted for securing to supporting structure and the other of the gear unit end and motor end of the structural connector being secured or securable relative to said supporting structure substantially solely by the length of said elongate structural connector between the supported end and said other of the gear unit end and motor end, wherein the motor has a primary direction of rotation, and the motor and gear unit are secured to that side of the structural connector which, in use, with the motor rotating in said primary direction, results in the structural connector experiencing a reactive torque which acts in a direction opposite to the torsional load transmitted along the length of the structural connector to the supported end due to the weight of said motor or gear unit acting at a centre of gravity position displaced horizontally from the plane of said structural connector.



(54) Title of the invention : GEOGRAPHIC LOCATION BASED LICENSING SYSTEM.

(51) International classification :H04L 9/00
 (31) Priority Document No :60/562,177
 (32) Priority Date :14/04/2004
 (33) Name of priority country :U.S.A.
 (86) International Application No :PCT/US2005/012766
 Filing Date :14/04/2005
 (87) International Publication No :WO 2005/104426
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

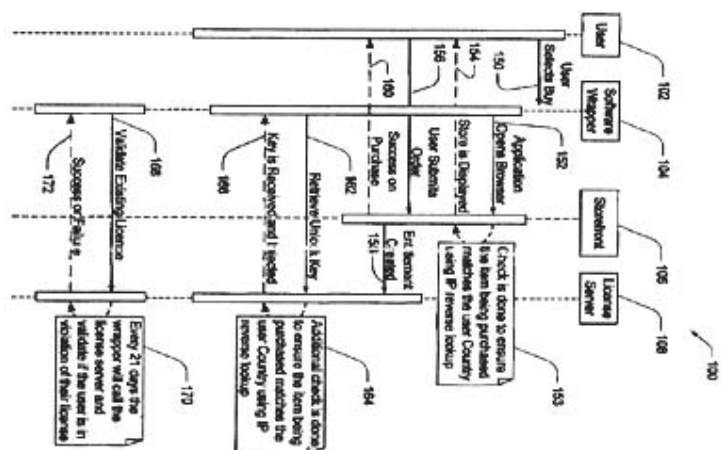
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2)EFERGAN DAVID
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4)RAUF AMIR

No of Pages : 36

No of Claims : 13

(57) Abstract :

A computer software license management system wrapper for use in a local computer is described. The software wrapper includes a wrapper interface that provides controlled access to a computer software application file. The software application file is encapsulated by security software code to protect it from unauthorized access. The software wrapper also includes a software license key identifying a license policy specifying a use limitation within a geographic boundary. In addition, the software wrapper includes a license validation mechanism that periodically determines compliance with the license policy. The license validation mechanism permits access by another process operating on the local computer through the wrapper interface in response to a valid license confirmation signal received from the license server. A license server that utilizes and an electronic storefront that sells software license wrappers having software use limitations within a geographic boundary also are described.



(54) Title of the invention : SCANNABLE ARTICLE HAVING A SIGNATURE SECTION WITH ALIGNMENT BARS.

(51) International classification	:G06K 19/06
(31) Priority Document No	:60/568,240
(32) Priority Date	:06/05/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/US2004/031955
Filing Date	:30/09/2005
(87) International Publication No	:WO 2005/111923
(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)SCHENCK,KAREN,E.
2)BRAVO,CHARLES,E.

No of Pages : 12

No of Claims : 32

(57) Abstract :

An article scannable by a data capture device has an informational surface and a signature section disposed on the informational surface. The signature section has a signature area and at least two alignment bars. A first alignment bar is disposed at a first end of the signature section relative to writing direction. A second alignment bar is disposed at the end of the signature section opposite the first end. The first and second alignment bars are within the signature section.

(54) Title of the invention : MAILING LABEL HAVING A SIGNATURE SECTION AND METHOD OF USING SAME.

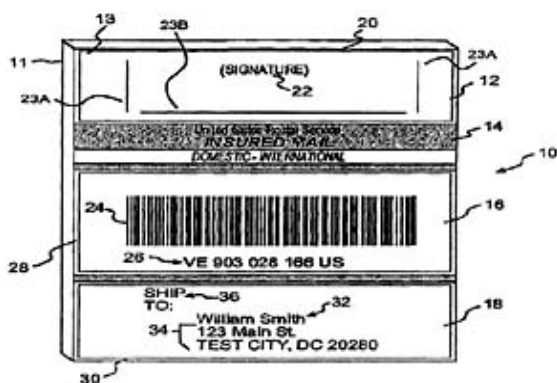
(51) International classification	:G06F 7/10	(71)Name of Applicant :	
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(32) Priority Date	:06/05/2004	Address of Applicant :475 L'ENFANT PLAZA,S.W,WASHINGTON,DC	
(33) Name of priority country	:U.S.A.	20260-1135. U.S.A.	
(86) International Application No	:PCT/US2004/031950	(72)Name of Inventor :	
Filing Date	:30/09/2004	1)SCHENCK,KAREN,E.	
(87) International Publication No	:WO 2005/111791	2)BRAVO,CHARLES,E.	
(61) Patent of Addition to Application Number	:NA		
Filing Date	:NA		
(62) Divisional to Application Number	:NA		
Filing Date	:NA		

No of Pages : 16

No of Claims : 30

(57) Abstract :

A mailing label (10) includes an informational surface (13) with a barcode section (16) and a signature section (12). The mailing label (10) can include an adhesive surface (11) that is opposite of the informational surface (13). The signature section (12), being co-located on the same informational surface (13) as the barcode section (16) can be simultaneously scannable with the barcode section (16) by a single, portable scanning device. The mailing label (10) can also include a special service descriptor section (14) and an address section (18) on the informational surface (13).



(12) PATENT APPLICATION PUBLICATION

(21) Application No.3292/KOLNP/2006 A

(19) INDIA

(22) Date of filing of Application :09/11/2006

(43) Publication Date : 08/06/2007

(54) Title of the invention : BIOTRANSFORMATION OF COLCHICINOID COMPOUNDS.

(51) International classification	:C12P19/56; C12R1/11
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(86) International Application No	:PCT/EP2004/005074
Filing Date	:12/05/2004
(87) International Publication No	:WO 2005/108595
(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)PONZONE, CESARE

No of Pages : 14

No of Claims : 12

(57) Abstract :

The present invention relates to a biotransformation process, effected by means of selected microbial strains, for the preparation of 3-0-glycosyl derivatives of colchicinoid compounds.

(54) Title of the invention : VEHICLE INTERFACE.

(51) International classification	:H02J7/00
(31) Priority Document No	:10/871,420
(32) Priority Date	:18/06/2004
(33) Name of priority country	:U.S.A.
(86) International Application No	:PCT/IB2005/051830
Filing Date	:06/06/2005
(87) International Publication No	:WO 2005/122686
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA

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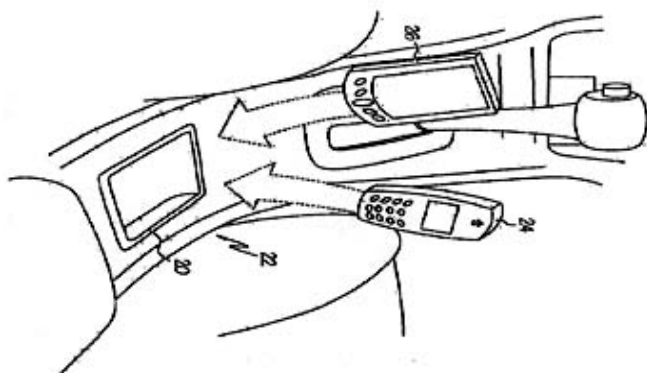
1)BAARMAN,DAVID W.**2)LAUTZENHEISER,TERRY L.****3)LEPPIEN,THOMAS JAY**

No of Pages : 24

No of Claims : 31

(57) Abstract :

A vehicle power interface includes an adaptive inductive power supply. The adaptive inductive power supply has a primary within a remote device holder. The adaptive inductive power supply is capable of providing power to remote devices placed within the remote device holder. Communication interface may be provided which can enable communication between the remote device and any data bus within the vehicle.



(54) Title of the invention : SHAFT COUPLING MECHANISM FOR ELECTRIC POWER STEERING APPARATUS

(51) International classification

:F16D 3/64,B62D
5/04

(31) Priority Document No

:2004-158938

(32) Priority Date

:28/05/2004

(33) Name of priority country

:Japan

(86) International Application No

:PCT/JP2005/009572

Filing Date

:25/05/2005

(87) International Publication No

:WO 2005/116473

(61) Patent of Addition to Application Number

:NA

Filing Date

:NA

(62) Divisional to Application Number

:NA

Filing Date

:NA

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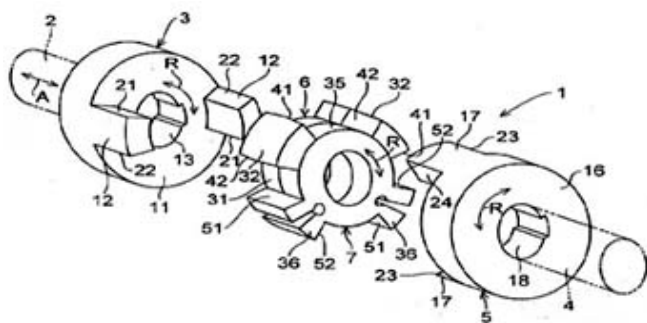
1)KUBOTA SHUICHI**2)HORIGUCHI TAKASHI****3)SAITO KATSUNORI****4)SHIMURA MASAO****5)IWASA SOUICHI**

No of Pages : 51

No of Claims : 11

(57) Abstract :

A shaft connection mechanism (1) for an electric power steering device, comprising a connection base body (3) connected to a rotating shaft (2), a connection base body (5) connected to a steering shaft (4) in the form of a rotating shaft, and a pair of rotation transmitting members (6) and (7) disposed between the rotating shaft (2) and the steering shaft (4) through both connection base bodies (3) and (5) and transmitting the rotation of the rotating shaft (2) to the steering shaft (4).



(54) Title of the invention : A HEAT RESISTANT LAMINATE AND METHOD FOR MANUFACTURING SUCH LAMINATE.

(51) International classification :B32B15/08;
B32B15/14
(31) Priority Document No :EP 04076606.5
(32) Priority Date :01/06/2004
(33) Name of priority country :Denmark
(86) International Application No :PCT/DK2005/000340
Filing Date :24/05/2005
(87) International Publication No :WO 2005/118283
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

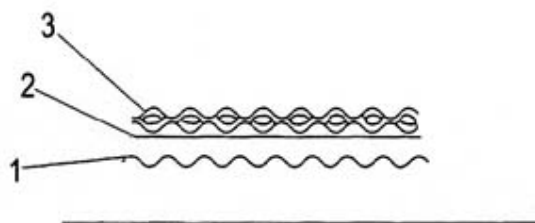
(71)**Name of Applicant :**
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1)NIELSEN KURT
2)TOFT UFFE

No of Pages : 15

No of Claims : 21

(57) Abstract :

According to the invention, there is provided a more heat-resistant laminate comprising a metal foil, a fabric, and bonding means between the metal foil and the fabric, wherein the bonding means are a fluoreopolymer foil functioning as an adhesive film for bonding the fabric and the metal foil together. Hereby, an impermeable laminate is provided which is flexible and can withstand higher temperatures without delaminating. A laminate according to the invention can be mounted directly against hot components with temperatures up to 550°C when the fabric is a woven glass fabric and as high as 1100°C if the fabric is ceramic. The bonding means are stable in temperatures up to 290°C and provides a stable and durable bonding also during temperature exposure of the laminate of 310°C for an extended period of time.



(54) Title of the invention : TRANSFERRING ELEMENT OF A PUSHER MECHANISM OF A GLASS FORMING MACHINE.

(51) International classification :C03B9/453;
C03B9/00
(31) Priority Document No :PV 2004-513
(32) Priority Date :19/04/2004
(33) Name of priority country :Czech Republic
(86) International Application No :PCT/CZ2005/000030
Filing Date :29/03/2005
(87) International Publication No :WO 2005/100271
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

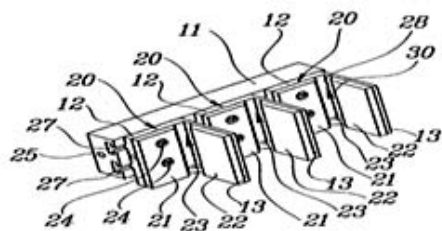
(71)**Name of Applicant :**
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(72)**Name of Inventor :**
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2)KUBAT,JAROSLAV

No of Pages : 17

No of Claims : 5

(57) Abstract :

A transferring element of a pusher mechanism of a glass forming machine comprising at least one jaw (20) with a base (12) and an arm (13) while a nozzle (23) for feeding of pressurized air from a central source (31) leads to the area of the jaw (20). The nozzle (23) is arranged in the lower part of the corner between the base (12) and the arm (13) and is directed upwards, parallel to the arm (13).



(54) Title of the invention : SALTS OF DIHYDROJASMONIC ACID AND USE THEREOF IN AGRICULTURE .

(51) International classification :A01N37/42;
C07C59/20
(31) Priority Document No :0409011.4
(32) Priority Date :23/04/2004
(33) Name of priority country :U.K.
(86) International Application No :PCT/GB2005/001562
Filing Date :22/04/2005
(87) International Publication No :WO 2005/102047
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

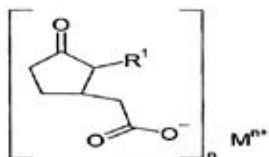
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(72)**Name of Inventor :**
1)MARKS,DAVID,

No of Pages : 29

No of Claims : 26

(57) Abstract :

A compound comprising a water soluble salt of formula (I) wherein R is a C1-10alkyl group; or a C2-10alkenyl group; M is a cation of valency n, provided that when R is a pent-2-enyl group, M is other than sodium or potassium. These salts are particularly suitable for use in agricultural formulations. The formulations may further comprise benzoic acid derivatives and/or antioxidants.



(54) Title of the invention : FLUIDIZED-BED DEVICE WITH OXYGEN-ENRICHED OXIDIZER.

(51) International classification :F23C10/10;
F23C10/20
(31) Priority Document No :0451057
(32) Priority Date :28/05/2004
(33) Name of priority country :France
(86) International Application No :PCT/FR2005/050374
Filing Date :26/05/2005
(87) International Publication No :WO 2005/119126
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

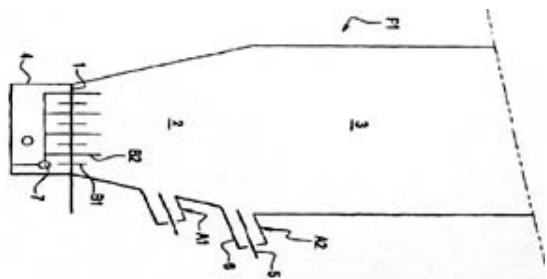
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2)SURANITI SILVESTRE

No of Pages : 20

No of Claims : 29

(57) Abstract :

The invention relates to a fluidized-bed device (F1, F2) provided with a hearth (1, 23) equipped with gas mixture feeds called primary feeds, said gas mixture being enriched with oxygen, and said hearth (1, 23) being provided with a network of two types of primary feed nozzle, a first type of nozzle (B1, B'1) injecting a first gas mixture at a first level close to the hearth (1, 23) and a second type of nozzle (B2, B'2) injecting a second oxygen-enriched gas mixture at a second level above the first level. According to the invention, said second type of nozzle (B2, B'2) consists of a device for mixing oxygen with a second gas component and connected by its lower end to an oxygen feed (11A, 11A') and to a feed of second gas component, and of a device for injecting this mixture into the combustion chamber.



(54) Title of the invention : PRIMER COATING FOR ENHANCING ADHESION OF LIQUID TONER TO POLYMERIC SUBSTRATES.

(51) International classification :C09J123/08;
G03G7/00
(31) Priority Document No :60/567,625
(32) Priority Date :03/05/2004
(33) Name of priority country :U.S.A.
(86) International Application No :PCT/US2005/015156
Filing Date :02/05/2005
(87) International Publication No :WO 2005/108518
(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)COOPER , ROBIN

No of Pages : 18

No of Claims : 22

(57) Abstract :

A primer coating is provided for use on polymeric substrates to enhance adhesion of liquid toner to the substrates for printing in an electrophotographic printing device. The primer coating is water-based and includes a dispersion of a copolymer of ethylene and 5 acrylic or methacrylic acid, and a compatible adhesion enhancer selected from an aliphatic polyurethane dispersion, a hydrogenated hydrocarbon rosin or rosin ester dispersion, and an amorphous acrylic polymer dispersion. The coating may also include additives such as wetting agents, antiblocking agents, matting agents, and waxes. The primer coating may be applied to a variety of polymeric substrates including polypropylene, biaxially oriented to polypropylene, polyethylene terephthalate, and polyvinyl chloride.

(54) Title of the invention : GM3 SYNTHASE AS A THERAPEUTIC TARGET IN MICROVASCULAR COMPLICATIONS OF DIABETES.

(51) International classification :C12Q 1/34
 (31) Priority Document No :0404971
 (32) Priority Date :07/05/2004
 (33) Name of priority country :France
 (86) International Application No :PCT/EP2005/003647
 Filing Date :07/05/2004
 (87) International Publication No :WO 2005/108600
 (61) Patent of Addition to Application Number :NA
 Filing Date :NA
 (62) Divisional to Application Number :NA
 Filing Date :NA

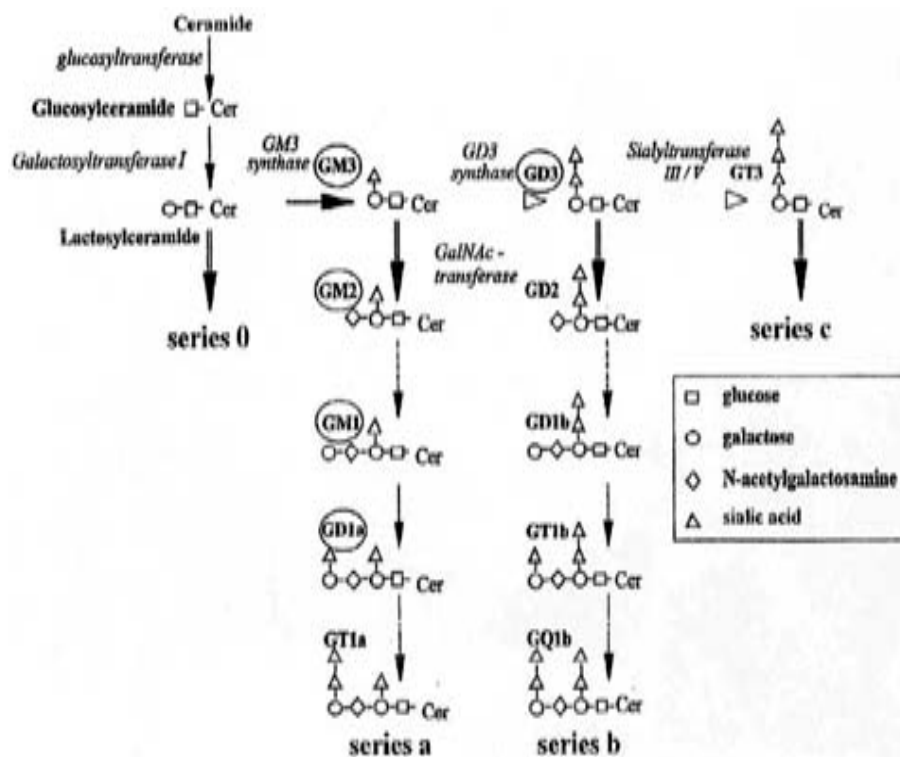
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4)WIERNSPERGER, Nicolas
5)LAGARDE, Michel
6)TRONCY, Lysiane

No of Pages : 32

No of Claims : 13

(57) Abstract :

The present invention relates to the use of an inhibitor of the expression or activity of the GM3 synthase gene for the treatment of microvascular complications of diabetes, and to a method of screening compounds useful in the treatment and/or prevention of these complications



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	202832	117/MUMNP/2003	27/01/2003	21/07/2000	A COMBINED LINER AND MATRIX SYSTEM FOR MONITORING AND CONTROL OF EVENTS PROESSES IN A WELL AND / OR RESERVOIR	RESMAN AS	04/02/2005	MUMBAI
2	204111	00082/MUMNP/2003	20/01/2003	28/07/2000	A COMPUTERIZED SYSTEM FOR DESIGNING, DEPLOYING OPTIMIZING, MODIFYING OR MAINTAINING A COMMUNICATIONS NETWORK	WIRELESS VALLEY COMMUNICATIONS, INC	04/02/2005	MUMBAI
3	204112	01016/MUM/2002	22/11/2002		A PROCESS OF PREPARING A SYNERGISTIC COFFEE-BASED COMPOSITION	GUJARAT CO-OPERATIVE MILK MARKETING FEDERATION LIMITED	06/01/2006	MUMBAI
4	204113	00945/MUM/2002	30/10/2002		A PROCESS OF PRODUCING BYPASS PROTEIN BY TREATING PROTEIN MEALS/RUMINANT FEED	NATIONAL DAIRY DEVELOPMENT BOARD	04/09/2004	MUMBAI
5	204115	00751/MUM/2003	29/09/2003		A NON RE-USABLE/RE-CYCLABLE BOTTLE AND A PROCESS OF ITS MARKING TO PREVENT ITS MISUSE	MARTIN ISAAC	10/06/2005	MUMBAI
6	204116	00531/MUM/2001	07/06/2001		BREATHING STRUCTURE OF INTERNAL COMBUSTION ENGINE FOR VEHICLES	HONDA GIKEN KOGYO KABUSHIKI KAISHA	09/09/2005	MUMBAI
7	204117	IN/PCT/2001/00394/MUM	12/04/2001	15/10/1998	A METHOD FOR SYNCHRONIZATION WITH A TRANSMITTER OF A MOBILE TERMINAL	ERICSSON INC.	19/08/2005	MUMBAI
8	204118	IN/PCT/2002/01360/MUM	30/09/2002	05/04/2000	IMPROVED KEY-HOLDER	TOMAS CERDAN MARTIN & FRIAS FRIAS ANTONIO	21/01/2005	MUMBAI
9	204119	00932/MUM/2000	17/10/2000		AN APPARATUS	DR. SURESH	06/05/2005	MUMBAI

					FOR LIFTING THE WALL OF THE ABDOMINAL CAVITY OF AN ANIMAL	VAMANRAO DESHPANDE.		
10	204120	00916/MUM/2001	24/09/2001		ELECTRIC MOTOR-DRIVEN VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	19/08/2005	MUMBAI
11	204121	01224/MUM/2001	28/12/2001		AN IMPROVED APPARATUS AND A PROCESS FOR GENERATION OF BIOGAS USING ANAEROBIC DIGESTION	LARS ENVIRO PVT. LTD	13/05/2005	MUMBAI
12	204122	00424/MUMNP/2003	21/04/2003	15/11/2000	METHOD FOR REDUCING BUILD-UP ON A ROASTING FURNACE GRATE	OUTOKUMPU OYJ	15/07/2005	MUMBAI
13	204123	IN/PCT/2000/00709/MUM	08/12/2000	27/05/1998	AN APPARATUS FOR STIMULATING MUSCLE TISSUE WITH BIPHASIC WAVEFORMS	MOWER ,MORTION,M	18/02/2005	MUMBAI
14	204124	IN/PCT/2002/01098/MUM	14/08/2002		ORALLY ADMINSTRABLE ACID STABLE ANTIULCER BENZIMIDAZOLE DERIVATIVES	KOPRAN RESEARCH LABORATORIE S LIMITED	29/05/2004	MUMBAI
15	204125	00321/MUM/2000	07/04/2000		DISK MODULE OF SOLID STATE	POWER QUOTIENT INTERNATIONAL CO., LTD.	06/01/2006	MUMBAI
16	204126	00302/MUM/2002	27/03/2002		4-(DIARYLMETHYL)-1-PIPERAZINYL DERIV ATIVES	SUN PHARMACEUTI CAL INDUSTRIES LTD	04/03/2005	MUMBAI
17	204127	IN/PCT/2002/01630/MUM	15/11/2002	17/05/2000	TRUCK SUSPENSIONS INCORPORATING ASYMMETRIC LEAF SPRINGS	THE BOLAR COMPANY	11/12/2004	MUMBAI
18	204128	00809/MUM/2001	20/08/2001		A LEAK DETECTOR FOR MULTI-TAP DISTRIBUTION APPARATUS AND A LEAK DETECTING METHOD	LANTEK ELECTRONICS INC	05/05/2006	MUMBAI
19	204129	00467/MUM/2002	27/05/2002		AN IMPROVED OPEN TYPE IMPELLER	MR. GAJAJAN HEGDE	28/02/2004	MUMBAI
20	204130	IN/PCT/2002/00949/MUM	12/07/2002	11/02/2000	PROCESS FOR THE DESULFURIZATION OF A CRACKED NAPHTHA STREAM	CATALYTIC DISTILLATION TECHNOLOGIE S	17/04/2004	MUMBAI
21	204131	00648/MUM/2001	11/07/2001		METHOD AND APPARATUS FOR KEY DISTRIBUTION	SONY CORPORATION	19/08/2005	MUMBAI

22	204132	00885/MUM/1999	02/12/1999		CCR5 MODULATOR COMPOUNDS	PFIZER INC	18/03/2005	MUMBAI
23	204133	00803/MUM/2002	04/09/2002		A PROCESS FOR THE PREPARATION OF ANTI-ISCHAEMIC AND ANTI-HYPERTENSIVE DRUG AMLODIPINE BESYLATE	KOPRAN LIMITED	02/07/2004	MUMBAI
24	204134	IN/PCT/2002/00597/MUM	10/05/2002	21/12/1999	A MESOPOROUS ALUMINOPHOSPHATE MATERIAL AND A METHOD FOR MAKING THE SAME	MOBIL OIL CORPORATION	28/02/2004	MUMBAI
25	204135	IN/PCT/2000/00382/MUM	08/09/2000	31/03/1998	A COMPUTER SYSTEM FOR PROVIDING CACHE MEMORY MANAGEMENT	INTEL CORPORATION	15/07/2005	MUMBAI
26	204136	IN/PCT/2001/01485/MUM	26/11/2001	15/06/1999	METHOD AND APPARATUS FOR USING NON-COHERENT OPTICAL BUNDLES FOR IMAGE TRANSMISSION	INTEL CORPORATION	09/09/2005	MUMBAI
27	204137	00645/MUM/2002	15/07/2002		AN ARTICULATED KEY BOARD DRAWER	SUNIL KHUSHIRAM DEVNANI	17/04/2004	MUMBAI
28	204138	01022/MUM/2002	25/11/2002		A LOADING DEVICE TO LOAD AN INTRA UTERINE DEVICE (COPPER 'T') SAFELY AND ASEPTICALLY INTO THE UTERUS WITHOUT HUMAN TOUCH	PREGNA INTERNATIONAL LIMITED	17/12/2004	MUMBAI
29	204139	IN/PCT/2001/01666/MUM	31/12/2001	10/06/1999	ELECTRICAL ENERGY METER	MRK FAMILY LTD	17/06/2005	MUMBAI
30	204140	IN/PCT/2001/00329/MUM	27/03/2001	23/11/1998	METHOD OF MACHINING A TOOTH FLANK OF A GEAR WITH A FINISHING TOOL	THE GLEASON WORKS	17/06/2005	MUMBAI
31	204141	IN/PCT/2002/01304/MUM	20/09/2002	29/03/2000	A LAUNDRY TREATMENT COMPOSITION	HINDUSTAN LEVER LIMITED	03/07/2004	MUMBAI
32	204142	IN/PCT/2000/00527/MUM	20/10/2000	05/05/1998	TWO STAGE FLUID CATALYTIC CRACKING PROCESS FOR SELECTIVELY PRODUCING C2 TO C4 OLEFINS	EXXON RESEARCH AND ENGINEERING COMPANY	15/07/2005	MUMBAI
33	204143	IN/PCT/2000/00195/MUM	18/07/2000	24/11/1998	FUEL VALVE WITH DIRECT CONTROL	SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "SNECMA"	15/07/2005	MUMBAI

34	204144	IN/PCT/2001/01539/MUM	06/12/2001	28/06/1999	BENZIMIDAZOLES AND IMIDAZOPYRIDINE S HAVING INHIBITORY ANTIVIRAL ACTIVITY	JANSSEN PHARMACEUTICA N. V.	04/03/2005	MUMBAI
35	204145	IN/PCT/2000/484/MUM	10/10/2000	23/04/1998	AN APPARATUS FOR GENERATING SIGNALING MESSAGES AND METHOD OF TRANSPORTING A SIGNALING MESSAGE IN A TELECOMMUNICATIONS NETWORK	TELEFONAKTI EBOLAGET LM ERICSSON (PUBL.)	15/07/2005	MUMBAI
36	204146	IN/PCT/2000/00551/MUM	25/10/2000	13/05/1998	A SEALED TANK INTENDED FOR CARRYING OUT METHANE FERMENTATION TREATMENTS OF LIQUID EFFLUENT	DEGREMONT	15/07/2005	MUMBAI
37	204147	00979/MUM/2001	08/10/2001	06/11/2000	POWER TRANSFER DEVICE IN SMALL-SIZED VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	19/08/2005	MUMBAI
38	204148	IN/PCT/2001/01277/MUM	15/10/2001	22/02/2000	METHOD AND DEVICE FOR REJECTING INFUSION BAGS IN MANUFACTURING MACHINE	I.M.A. INDUSTRIA MACCHINE AUTOMATICHE , S.P.A.	19/08/2005	MUMBAI
39	204149	IN/PCT/2001/00330/MUM	27/03/2001	02/10/1998	A PROCESS FOR PRODUCING CRYSTALS OF P1,P4-DI(URIDINE 5'-) TETRAPHOSPHATE OR A SALT THEREOF	YAMASA CORPORATION	23/09/2005	MUMBAI
40	204150	IN/PCT/2002/00024/MUM	07/01/2002	29/06/1999	GASTIGHT SEALED NICKEL / METAL HYDRIDE CELL FOR THE ELECTROCHEMICAL STORAGE OF ENERGY	DEUTSCHE AUTOMOBILGE SCHAFT MBH	26/08/2005	MUMBAI
41	204151	IN/PCT/2002/00583/MUM	08/05/2002	02/12/1999	SUBSTITUTED OXAZOLES AND THIAZOLES DERIVATIVES AS HPPAR ALPHA ACTIVATORS	GLAXO GROUP LIMITED	04/03/2005	MUMBAI
42	204152	IN/PCT/2001/01036/MUM	03/09/2001	05/03/1999	METHOD AND APPARATUS FOR EFFICIENT SYNCHRONIZATION IN SPREAD SPECTRUM COMMUNICATIONS	TELEFONAKTI EBOLAGET LM ERICSSON [PUBL]	03/02/2006	MUMBAI

43	204153	01164/MUM/2002	30/12/2002		AN INHIBITOR / FUNCTIONAL MODIFIER SYSTEM COMPRISING OF A KIT	HINDUSTAN LEVER LIMITED	28/01/2005	MUMBAI
44	204154	00380/MUM/2002	26/04/2002		AN ACTUATOR ASSEMBLY FOR A AND A TURBOCHARGER COMPRISING THE SAME	HOLSET ENGINEERING CO. LIMITED	13/05/2005	MUMBAI
45	204155	IN/PCT/2001/01100/MUM	12/09/2001	18/03/1999	SKIN COSMETIC COMPOSITION	HINDUSTAN LEVER LIMITED	13/01/2006	MUMBAI
46	204156	00610/MUM/2001	02/07/2001		MOTORCYCLE COMPRISING AN ARTICLE ACCOMMODATING CHAMBER AND THE ENGINE COVERED WITH REAR COVER	HONDA GIKEN KOGYO KABUSHIKI KAISHA	12/08/2005	MUMBAI
47	204157	IN/PCT/2001/01399/MUM	12/11/2001	17/05/1999	FABRIC SOFTENING COMPOSITION AND ITS PROCESS FOR MANUFACTURE	HINDUSTAN LEVER LIMITED	17/06/2005	MUMBAI
48	204158	IN/PCT/2000/00496/MUM	12/10/2000	29/04/1998	IMIDAZO PYRIDINE DERIVATIVES WHICH INHIBIT GASTRIC ACID SECRETION	ASTRAZENECA AB	18/03/2005	MUMBAI
49	204159	512/MUM/2000	02/06/2000		ROOF MOUNTED NATURAL COOLED DYNAMIC BRAKING RESISTOR	SATISH NATH SHARMA, CHANDER PRAKASH SHARMA	06/05/2005	MUMBAI
50	204160	301/MUM/2000	31/03/2000		AN IMPROVED VACUUM CONTAINER	INDERMAL PANNALAL JAIN	06/01/2006	MUMBAI
51	204161	820/MUM/2000	08/09/2000		A PROCESS FOR COATING OF ROOFING BOLTS WITH ZINC PHOSPHATE AND LOW DENSITY POLYETHYLENE FOR BETTER RUST PREVENTION AND IMPROVING MECHANICAL PROPERTIES OF COATING	JAIPRAKASH ANANT SATHE	11/11/2005	MUMBAI
52	204162	690/MUM/2000	24/07/2000	30/07/1999	A DEVICE FOR PROTECTING A DRAWER ELECTROMAGNETI CALLY	ALSTOM	14/10/2005	MUMBAI
53	204163	703/MUM/2000	27/07/2000	10/03/2000	APPARATUS AND METHOD FOR DISPLAYING ADVERTING	GOBOARDS INTERNATIONA L S.A.	03/02/2006	MUMBAI

54	204164	1154/MUM/2000	21/12/2000	21/12/1999	A LAUNDRY DETERGENT COMPOSITION FOR WHITE AND LIGHT COLOURED FABRICS	HINDUSTAN LEVER LIMITED	12/08/2005	MUMBAI
55	204165	570/MUM/2000	21/06/2000		A SYNERGISTIC FUNGICIDAL COMPOSITION OF CARBENDAZIM AND MANCOZEB	UNITED PHOSPHORUS LIMITED	07/07/2006	MUMBAI
56	204166	19/MUM/2000	06/01/2000	11/01/1999	SWING-TYPE POWER UNIT SWINGABLY SUPPORTED BY A BODY-FRAME OF A SMALL SIZED MOTORCYCLE OR MOTOR-TRICYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/05/2005	MUMBAI
57	204167	604/MUM/2000	29/06/2000	02/07/1999	"A METAL CAGE FOR USE IN A ROLLING BEARING"	FAG OEM UND HANDEL AG	14/10/2005	MUMBAI
58	204168	179/MUM/2000	02/03/2000		A CLOSURE FOR A CONTAINER	MARICO INDUSTRIES LIMITED	30/12/2005	MUMBAI
59	204169	846/MUM/2000	14/09/2000		AN APPARATUS FOR CARRYING OUT NON-DESTRUCTIVE MEASUREMENT OF ELECTROFLECTANCE AND SURFACE PHOTOVOLTAGE SPECTROSCOPIES OF A SEMICONDUCTOR SAMPLE IN SOFT CONTACT MODE	TATA INSTITUTE OF FUNDAMENTAL RESEARCH	06/05/2005	MUMBAI
60	204170	52/MUM/2000	14/01/2000	29/01/1999	PROCESS FOR THE PREPARATION OF RESOLS	BAKELITE AG	06/05/2005	MUMBAI
61	204171	626/MUM/2000	06/07/2000	29/02/2000	DRINK DISPENSER FOR COLLAPSIBLE LIQUID CONTAINERS	CARL CHEUNG TUNG KONG	18/02/2005	MUMBAI
62	204172	706/MUM/2000	27/07/2000		A TRIBOLT LOCKING SYSTEM	GODREJ & BOYCE MFG.CO.LTD.	16/06/2006	MUMBAI
63	204173	00776/MUM/2000	24/08/2000		AN IMPROVED TERMINAL SUPPORT FOR DRAW OUT CIRCUIT BREAKER	LARSEN & TOUBRO LIMITED	03/03/2006	MUMBAI
64	204174	00927/MUM/2000	16/10/2000		A STRUCTURED PACKING CONSISTING OF A BUNDLE OF NOTCHED AND PRECONTOURED STRIPS	PRADEEP KHASHERAO PAGADE	14/10/2005	MUMBAI

65	204175	00987/MUM/2000	06/11/2000		AN IMPROVED PROCESS FOR THE MANUFACTURE OF AMINO ACIDS WITH SEA WEED EXTRACT IN LIQUID FORM FOR FOLIAR APPLICATION	RAJENDRA YASHWANT ANGLE	11/11/2005	MUMBAI
66	204176	00296/MUM/2000	31/03/2000		A METHOD FOR ESTABLISHING MULTIPLE COHERENT GAS JETS FROM A SINGLE LANCE	PRAXAIR TECHNOLOGY, INC	06/05/2005	MUMBAI
67	204177	00793/MUM/2000	30/08/2000		A COLOR CABLE MANUFACTURING METHOD AND COLOR CABLE	CHENG-LANG TSAI	10/06/2005	MUMBAI
68	204178	00172/MUM/2000	01/03/2000		DEVICE FOR THE LEAKPROOF FASTENING OF A WATCH GLASS TO A WATCH CASE	MONTRES ROLEX S. A.	01/07/2005	MUMBAI
69	204179	00336/MUM/2000	11/04/2000		A PLASTIC SUCTION MUFFLER FOR A HERMETICALLY SEALED COMPRESSOR	KIRLOSKAR COMPELAND LIMITED	06/05/2005	MUMBAI
70	204180	752/MUM/2000	14/08/2000	18/08/1999	A SPADE DRILL	KENNAMETAL INC.	11/11/2005	MUMBAI
71	204181	IN/PCT/2002/00169/MUM	11/02/2002	30/07/1999	METHOD FOR PRODUCING SECURITY MARKS AND SECURITY MARKS	CABINET ERMAN S.A.R.L.	28/08/2005	MUMBAI
72	204182	IN/PCT/2002/01583/MUM	11/11/2002	22/06/2000	A PROCESS FOR THE PRODUCTION OF PYRAZOLOPYRIMIDINONES	PFIZER INC.	11/12/2004	MUMBAI
73	204183	824/MUM/2000	08/09/2000	05/11/1999	CRANKSHAFT FOR INTERNAL COMBUSTION ENGINE CAPABLE OF REDUCING VIBRATIONS AND NOISE PRODUCED THEREBY	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/07/2005	MUMBAI
74	204184	781/MUM/2000	25/08/2000		"COLOR ORNAMENTAL CORD DEVICE"	CHENG-LANG TSAI	18/11/2005	MUMBAI
75	204185	IN/PCT/2000/00455/MUM	29/09/2000	19/02/1999	PROCESS FOR PRODUCING CYCLOALKANONES FROM CYCLOALKANES	DAICEL CHEMICAL INDUSTRIES, LTD.	15/07/2005	MUMBAI
76	204186	991/MUM/2000	07/11/2000		GAS FIRED HOT WATER GENERATOR	ATRE ASHOK DATTATRAYA	16/06/2006	MUMBAI

77	204187	1108/MUM/2000	08/12/2000	15/12/1999	A DEVICE AND A PROCESS FOR THE PNEUMATIC SPLICING OF THREADS OR YARNS	MESDAN S.P.A.	05/05/2006	MUMBAI
78	204188	978/MUM/2000	02/11/2000		VENTILATION DEVICE FOR VENTILATING RAIL TRACTION ELECTRIC MOTOR	ALSTOM	10/06/2005	MUMBAI
79	204189	90/MUM/2000	31/01/2000	22/11/1999	LIGHTWEIGHT SCOOTER WHEEL	PIAGGIO & C. S.P.A.	05/05/2006	MUMBAI
80	204190	1130/MUM/2000	15/12/2000		PARTICULATE DETERGENT COMPOSITION AND A PROCESS FOR PREPARING THE SAME	HINDUSTAN LEVER LIMITED	03/02/2006	MUMBAI
81	204191	1149/MUM/2000	21/12/2000		AN IMPROVED BODY FOR ELECTRICAL / ELECTRONIC SWITCH	MANOJ HANSRAJ GADA	06/05/2005	MUMBAI
82	204192	1121/MUM/2000	14/12/2000		AN INSERT AND INSERT HOLDER FOR COAXIAL CONNECTOR	INTERLEMO HOLDING S.A.	05/05/2006	MUMBAI
83	204193	350/MUM/2000	12/04/2000		A HOOK ARRANGEMENT OF A LUGGAGE CASE DIVIDER FLAP	VIP INDUSTRIES LIMITED	06/05/2005	MUMBAI
84	204194	70/MUM/2000	21/01/2000		FRONT COMPARTMENT STRUCTURE FOR MOTORCYCLES AND THREE-WHEELED MOTORIZED VEHICLES	HONDA GIKEN KOGYO KABUSHIKI KAISHA	03/03/2006	MUMBAI
85	204195	IN/PCT/2000/00532/MUM	23/10/2000	05/05/1998	PROCESS FOR PRODUCING PULP WITH A MIXTURE OF FORMIC ACID AND ACETIC ACID AS COOKING CHEMICAL	CHEMPOLIS OY	18/02/2005	MUMBAI
86	204196	1024/MUM/2000	15/11/2000		AN ADJUSTABLE PLIERS	TAPARIA TOOLS LIMITED	06/05/2005	MUMBAI
87	204197	309/MUM/2000	06/04/2000	23/04/1999	A VALVE DRIVE ASSEMBLY	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/01/2006	MUMBAI
88	204198	267/MUM/2000	24/03/2000	30/03/1999	A FLUID PUMP	CONCENTRIC PLC	05/05/2006	MUMBAI
89	204199	00145/MUM/2000	22/02/2000	04/03/1999	AN INDIVIDUAL SECTION (I.S.) GLASS FORMING MACHINE	EMHART GLASS S.A.	06/05/2005	MUMBAI

90	204200	00332/MUM/2000	11/04/2000	03/12/1999	A METHOD OF PREPARING DYES	ROHM AND HAAS COMPANY	06/05/2005	MUMBAI
91	204201	599/MUM/1999	26/08/1999	27/07/1999	POLYESTER FIBERS AND FILAMENTS AND METHOD FOR THEIR PRODUCTION	ROHM GMBH & CO. KG	30/12/2005	MUMBAI
92	204202	00938/MUM/2000	19/10/2000	26/10/1999	A STORAGE MEDIUM, AND AN APPARATUS AND METHOD THEREOF	SONY CORPORATION	05/05/2006	MUMBAI
93	204203	867/MUM/2000	21/09/2000		IMPROVED HOT MELT ADHESIVES	ICI INDIA LTD	18/11/2005	MUMBAI
94	204204	00304/MUM/2000	03/04/2000		A SHEAR FOR SUBDIVIDING AN ELONGATED PRODUCT	MORGAN CONSTRUCTION COMPANY	06/01/2006	MUMBAI
95	204205	257/MUM/2000	23/03/2000		SELF-COMPENSATING SPIRAL FOR A SPIRAL BALANCE-WHEEL OSCILLATOR IN WATCHWORK AND PROCESS FOR TREATING THIS SPIRAL	ROLEX S.A.	06/01/2006	MUMBAI
96	204206	822/MUM/2000	08/09/2000	30/09/1999	CYLINDER LOCK PROTECTOR FOR MOTOR VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	03/03/2006	MUMBAI
97	204207	717/MUM/1999	25/10/1999		A MELT-CAST SOLID SHAPED DETERGENT COMPOSITION AND ITS PROCESS FOR MANUFACTURE	HINDUSTAN LEVER LIMITED	06/05/2005	MUMBAI
98	204208	634/MUM/1999	09/09/1999		NON-LIQUID DETERGENT COMPOSITION FOR WASHING FABRICS AND HARD SURFACES	HINDUSTAN LEVER LIMITED	30/12/2005	MUMBAI
99	204209	835/MUM/2000	13/09/2000		HYDRAULIC REVERSIBLE PLOUGH	RAMKRISHNA SHANKARRAO PATIL	06/05/2005	MUMBAI
100	204210	753/MUM/2000	14/08/2000	23/08/1999	A SATELLITE COMMUNICATION DEVICE	HUGHES ELECTRONICS CORPORATION	10/06/2005	MUMBAI
101	204211	832/MUM/1999	22/11/1999	25/12/1998	A CASTED SLEEVE FOR A CYLINDER	HONDA GIKEN KOGYO KABUSHIKI KAISHA	30/12/2005	MUMBAI
102	204212	646/MUM/2000	11/07/2000	21/07/1999	A METHOD FOR COOLING COILS AND AN EQUIPMENT FOR IMPLEMENTING THE SAME	STEIN HEURTEY	14/10/2005	MUMBAI

103	204213	969/MUM/2000	30/10/2000	14/12/1999	A CONTROL FOR A SECTION OF AN I.S. MACHINE	EMHART GLASS S.A.	06/05/2005	MUMBAI
104	204214	357/MUM/2000	17/04/2000	28/04/1999	A REAR CUSHION UNIT MOUNTING STRUCTURE FOR A SCOOTER-TYPE VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/01/2006	MUMBAI
105	204215	737/MUM/2000	09/08/2000	18/08/1999	SIGNAL PROCESSING CIRCUIT FOR COMMUNICATING WITH A MODULAR MOBILE SATELLITE TERMINAL AND METHOD THEREFOR	HUGHES ELECTRONICS CORPORATION	14/10/2005	MUMBAI
106	204216	533/MUM/2000	09/06/2000		AN ADJUSTABLE ROOF SUPPORTING SYSTEM FOR MINES	SANDEEP SURESHCHAND BANTHIA	03/03/2006	MUMBAI
107	204218	691/MUM/2000	24/07/2000	06/08/1999	A COMPOSITION BRAKE SHOE FOR A RAILWAY VEHICLE FOR RECONDITIONING A WHEEL TREAD SURFACE DURING NORMAL BRAKING	WESTINGHOUSE AIR BRAKE COMPANY	06/05/2005	MUMBAI
108	204219	882/MUM/2000	27/09/2000		A SELF SETTING VERTICAL FLOUR MILL	ROHITBHAI JASHBHAI PATEL	05/05/2006	MUMBAI
109	204220	638/MUM/2000	10/07/2000		A PROCESS FOR THE PREPARATION OF POLYMERS FROM VINYLIC MONOMERS USING TETRAETHYLTHIURIUM MONOSULFIDE (MONOSULFIRAM) AS PHOTO INITIATOR	INDIAN INSTITUTE OF TECHNOLOGY	10/06/2005	MUMBAI
110	204221	94/MUM/2000	31/01/2000		SYSTEM FOR DEPOSITION OF CARBON FILMS AND PROCESS FOR THE SAME	DEPARTMENT OF ATOMIC ENERGY	01/07/2005	MUMBAI
111	204323	360/MUM/1996	11/07/1996		AN AYURVEDIC FORMULATION FOR TREATMENT OF ACQUIRED IMMUNO DEFICIENCY SYNDROME(AIDS)	PREM CHAND JAIN	04/03/2005	MUMBAI
112	204324	736/MUM/2002	14/08/2002		AN INCLUSION COMPLEX OF GLIPIZIDE AND CYCLODEXTRIN AND ITS PHARMACEUTICAL COMPOSITION	USV LIMITED	18/03/2005	MUMBAI

113	204325	841/MUM/1999	24/11/1999	27/11/1998	AN ELETRIPTAN HYDROBROMIDE MONOHYDRATE AND A PROCESS FOR THE PREPARATION OF THE SAME	PFIZER INC	18/03/2005	MUMBAI
114	204326	225/MUM/2000	16/03/2000		IMPROVED DETERGENT COMPOSITION	HINDUSTAN LEVER LIMITED	06/05/2005	MUMBAI
115	204327	1014/MUM/2000	13/11/2000	14/12/1999	AN INDIVIDUAL SECTION MACHINE	EMHART GLASS S.A.	05/05/2006	MUMBAI
116	204328	27/MUM/2000	10/01/2000	14/01/1999	A SWING-TYPE POWER UNIT	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/05/2005	MUMBAI
117	204329	IN/PCT/2000/00697/MUM	05/12/2000	18/06/1998	AMORPHOUS METAL STATOR FOR A RADIAL-FLUX MOTOR AND METHOD FOR CONSTRUCTING THE SAME	HONEYWELL INTERNATIONAL INC	15/07/2005	MUMBAI
118	204330	754/MUM/2000	14/08/2000	24/09/1999	AIR CLEANER FOR MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	14/10/2005	MUMBAI
119	204331	812/MUM/1999	17/11/1999	04/12/1998	"PROCESS FOR THE MANUFACTURE OF VINYL ACETATE"	BP CHEMICALS LIMITED	30/12/2005	MUMBAI
120	204332	992/MUM/2000	07/11/2000		AN AUTOMATIC ONLINE PASTING DEVICE FOR PAPER WEB FED PRINTING MACHINE	BARVE ARUN SUBHASH	06/05/2005	MUMBAI
121	204333	995/MUM/2000	07/11/2000		AN APPARATUS FOR FORMING INDIVIDUAL SLEEVING LABELS AND APPLYING THEM OVER THE CONTAINERS	PAPER PRODUCTS LIMITED	06/05/2005	MUMBAI
122	204334	51/MUM/2000	14/01/2000	17/03/1999	ABS RECYCLING PROCESS	PREMARK RWP HOLDINGS, INC	18/02/2005	MUMBAI
123	204335	988/MUM/2000	06/11/2000	19/11/1999	OIL RECOVERY SYSTEM FOR TWO-CYCLE ENGINE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	18/11/2005	MUMBAI
124	204336	00648/MUM/2000	13/07/2000	14/07/1999	A CUT-OFF ADJUSTING APPARATUS FOR ADJUSTING A CUT-OFF OF A CATHODE RAY TUBE DISPLAY	SONY CORPORATION	11/11/2005	MUMBAI
125	204337	01036/MUM/2000	17/11/2000	26/11/1999	SYSTEM FOR DISSIPATING ELECTRICAL CHARGE FROM A CABINET OF A ELECTRONIC APPARATUS	SONY CORPORATION	16/06/2006	MUMBAI

126	204338	00948/MUM/2000	23/10/2000	16/12/1999	A DEVICE FOR INHIBITING THE FORMATION OF ICE IN REFRIGERATION APPLIANCES	MULTIBRAS S. A. ELETRODOMESTICOS	16/06/2006	MUMBAI
127	204339	00313/MUM/2000	06/04/2000	28/04/1999	ENGINE SUPPORTING STRUCTURE FOR SCOOTER-TYPE VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/01/2006	MUMBAI
128	204340	222/MUM/2000	15/03/2000	30/03/1999	A SIDE VALVE TYPE FOUR STROKE ENGINE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/07/2005	MUMBAI
129	204341	244/MUM/2000	21/03/2000		A PROCESS FOR PREPARING HERBAL COMPOSITION	GODREJ CONSUMER PRODUCTS LIMITED	03/03/2006	MUMBAI
130	204342	280/MUM/2000	29/03/2000	27/04/1999	VENTILATION-HOLE STRUCTURE OF LAMP DEVICE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/07/2005	MUMBAI
131	204343	00586/MUM/2000	26/06/2000	30/06/1999	POLYMORPH OF (2R, 3S, 4R, 5R, 8R, 10R, 11R, 12S, 13S, 14R)- 13- [[2,6-DIDEOXY-3-C-METHYL-3-O-METHYL-4-(-[(PROPYLAMINO)METHYL]-a-L- RIBO-HEXOPRYANOSYL]-2-ETHYL-3,4,10-TRIHYDROXY-3,5,8,10,12,14-EXAMETHYL-11-[[3,4,6-TRIDEOXY-3-(DIMETHYLAMINO)-B-D-XYLO-HEXOPYRANOSYL] OXA]-1-OXA-6-AZACYCOPENTADECAN-15-ONE DIPHOSPHATE	PFIZER PRODUCTS, INC	04/03/2005	MUMBAI
132	204344	00456/MUM/2000	17/05/2000	21/05/1999	1-THIIFLUOROMETHYL-4-HYDROXY-7-PIPERIDINYLAMINOMETHYLCHROMAN DERIVATIVES	PFIZER PRODUCTS INC.	04/03/2005	MUMBAI
133	204345	201/MUM/2000	09/03/2000	24/03/1999	SYNERGISTIC INSECTICIDAL MIXTURES	BAYER AKTIENGESELLSCHAFT	04/03/2005	MUMBAI
134	204346	797/MUM/2000	31/08/2000	28/06/2000	A MULTIFUNCTIONAL RIGID CARRIER FOR A TWO-WHEELED VEHICLE	PIAGGIO & C. S.P.A.	01/07/2005	MUMBAI
135	204347	363/MUM/2000	18/04/2000		APPARATUS FOR DISPLAYING INFORMATION	NAIR NEEPA	06/05/2005	MUMBAI

136	204348	00268/MUM/2000	24/03/2000	26/03/1999	A PROCESS AND AN APPARATUS FOR EXTRACTING A DESIRED FRACTION FROM LIQUID	PRAXAIR TECHNOLOGY, INC	06/05/2005	MUMBAI
137	204349	00326/MUM/2000	10/04/2000	27/04/1999	AN ASSEMBLY OF A STARTER / GENERATOR FOR MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/01/2006	MUMBAI
138	204350	00855/MUM/2000	18/09/2000	24/09/1999	SWITCHING POWER SUPPLY CIRCUIT	SONY CORPORATION	18/11/2005	MUMBAI
139	204351	217/MUM/2000	14/03/2000	24/03/1999	POWER CONVERSION APPARATUS	FUJI ELECTRIC CO., LTD.	06/05/2005	MUMBAI
140	204352	354/MUM/2000	17/04/2000	28/04/1999	BODY FRAME FOR MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/01/2006	MUMBAI
141	204353	46/MUM/2000	13/01/2000	28/01/1999	A MOTOR SCOOTER	HONDA GIKEN KOGYO KABUSHIKI KAISHA	03/03/2006	MUMBAI
142	204354	00298/MUM/2000	31/03/2000	06/04/1999	A METHOD OF TREATING PARTICLESS COMPOSED IN WHOLE OR IN PART OF UREA	AGWAY INC	01/07/2005	MUMBAI
143	204355	872/MUM/2000	22/09/2000	05/10/1999	MOTIVE-POWER TRANSMISSION DEVICE FOR VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	18/11/2005	MUMBAI
144	204356	367/MUM/2000	19/04/2000	23/04/1999	AN APPARATUS AND A METHOD FOR GENERATING A PLATFORM SPECIFIC COMPILER	SUN MICROSYSTEM S, INC.	10/06/2005	MUMBAI
145	204357	419/MUM/2000	08/05/2000	24/06/1999	POWER UNIT FOR MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/07/2005	MUMBAI
146	204358	360/MUM/2000	18/04/2000	21/04/1999	PROCESS FOR THE SEPARATION OF ENANTIOMERS	SOLVAY (SOCIETE ANONYME)	06/01/2006	MUMBAI
147	204359	903/MUM/2000	06/10/2000		PROCESS FOR MANUFACTURE OF BIS-QUATERNARY SALTS OF CINNAMIDOALKYL AMINES	GALAXY SURFACTANTS LIMITED	18/11/2005	MUMBAI
148	204360	290/MUM/2000	30/03/2000		A PROCESS FOR MANUFACTURE OF POLYMERIC FILMS WITH ELECTROACTIVE PATTERNS PRINTED ON THEM	TATA INSTITUTE OF FUNDAMENTAL RESEARCH	01/07/2005	MUMBAI
149	204361	200/MUM/2000	08/03/2000	31/03/1999	A LEG SHIELD FOR MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/07/2005	MUMBAI

150	204362	420/MUM/2000	08/05/2000	07/06/1999	SEATING DETECTING DEVICE FOR MOTORCYCLES	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/07/2005	MUMBAI
151	204363	529/MUM/2000	09/06/2000		AUTOMATIC ROLLING DRUM GATE FOR USE ON CANAL CROSS REGULATOR	GODBOLE PRABHAKAR DAMODAR	03/02/2006	MUMBAI
152	204364	60/MUM/2000	19/01/2000		A CHAIN CASE STRUCTURE FOR A REAR WHEEL IN A MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	05/05/2006	MUMBAI
153	204365	634/MUM/2000	07/07/2000		A HIGH EFFICIENCY ENERGY CONSERVING MULTI STAGE EVAPORATOR CUM WATER RECYCLE PLANT (100C)	ATRE ASHOK DATTATRAYA	06/05/2005	MUMBAI
154	204366	1033/MUM/2000	17/11/2000	16/06/2000	A LAMINATED PHOTOCATALYTIC PULP PAPER AND PROCESS FOR PRODUCING THE SAME	EIN KOHSAN CO., LTD.	18/02/2005	MUMBAI
155	204367	198/MUM/2000	07/03/2000	05/05/1999	CLUTCH ASSEMBLY	LUK LAMELLEN UND KUPPLUNGSBA U BETEILIGUNGS KG.	18/02/2005	MUMBAI
156	204368	IN/PCT/2000/00445/MUM	27/09/2000	02/04/1998	METHOD FOR LOADING DATA ONTO CHIP CARDS AND DEVICES ADAPTED THERETO	SWISSCOM MOBILE AG.	15/07/2005	MUMBAI
157	204369	79/MUM/2000	25/01/2000		APPARATUS FOR THE COLLECTION AND DISTRIBUTION OF LIQUID IN A COLUMN	SULZER CHEMTECH AG	30/12/2005	MUMBAI
158	204371	898/MUM/2000	05/10/2000		A PROCESS OF PREPARATION OF NOVEL MANNICH BASES FROM HYDROGENATED AND DISTILLED CASHEW NUT SHELL LIQUID (CNSL) FOR USE AS ADDITIVE IN LIQUID HYDROCARBON FUELS	INDIAN OIL CORPORATION LIMITED	08/07/2005	MUMBAI
159	204372	581/MUM/2000	23/06/2000	22/07/1999	THERMOSTAT ATTACHMENT STRUCTURE FOR A WATER-COOLED INTERNAL COMBUSTION ENGINE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	10/06/2005	MUMBAI

160	204373	1018/MUM/2000	15/11/2000		A METHOD TO MANUFACTURE AN OPHTHALMIC PHARMACEUTICAL PREPARATION	FDC LIMITED	08/07/2005	MUMBAI
161	204374	755/MUM/2000	14/08/2000	30/09/1999	MOTORCYCLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	01/07/2005	MUMBAI
162	204375	130/MUM/2000	15/02/2000		A NEW MECHANIZED AUTOMATIC CASHEW NUT-SHELL-CUTTER	SUDHIR BHALCHANDRA APTE	06/05/2005	MUMBAI
163	204376	679/MUM/2000	20/07/2000	28/09/1999	A METHOD FOR FASTENING AN ANCHORING DEVICE	ILLINOIS TOOL WORKS, INC	10/06/2005	MUMBAI
164	204378	868/MUM/2000	21/09/2000	01/10/1999	EXHAUST EMISSION CONTROL DEVICE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	18/11/2005	MUMBAI
165	204379	588/MUM/2000	27/06/2000		APPARATUS FOR PRODUCING OXYGEN BY CRYOGENIC RECTIFICATION	PRAXAIR TECHNOLOGY, INC	06/05/2005	MUMBAI
166	204380	8/MUM/2000	03/01/2000	05/01/1999	METHOD OF AND APPARATUS FOR MEASURING HORIZONTAL FREQUENCY	SONY CORPORATION	03/03/2006	MUMBAI
167	204381	240/MUM/2000	21/03/2000		A PROCESS FOR REMOVAL OF SULPHUR FROM FATTY ACIDS	GODREJ CONSUMER PRODUCTS LIMITED	30/12/2005	MUMBAI
168	204382	314/MUM/2000	06/04/2000		BODY FRAME FOR SCOOTER TYPE VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	06/01/2006	MUMBAI
169	204384	246/MUM/2000	21/03/2000	08/04/1999	SHOWERHEAD ENGINE ASSEMBLY	ALSONS CORPORATION	05/05/2006	MUMBAI
170	204385	791/MUM/2000	30/08/2000		VEHICLE FRAME OF SADDLE-TYPE VEHICLE	HONDA GIKEN KOGYO KABUSHIKI KAISHA	18/11/2005	MUMBAI
171	204386	904/MUM/2000	06/10/2000		COMPOSITION CONTAINING BIS-QUATERNARY SALTS OF CINAMIDOALKYLA MINES	GALAXY SURFACTANTS LIMITED	18/11/2005	MUMBAI
172	204387	IN/PCT/2000/00645/MUM	21/11/2000	12/05/1998	APPARATUS AND METHOD FOR CONTAINING AND AGITATING A PLURALITY OF ARTICLES WITHIN A DEFINED SPACE	DYSON TECHNOLOGY LIMITED	15/07/2005	MUMBAI
173	204388	IN/PCT/2000/00315/MUM	22/08/2000	14/03/1998	A GYROSCOPE	BAE SYSTEMS PLC	15/07/2005	MUMBAI

174	204389	IN/PCT/2000/00286/MUM	10/08/2000	27/03/1998	A PROCESS FOR PREPARING AN ORALLY ADMINISTERED SOLID PHARMACEUTICAL PREPARATION AT MELOXICAM	BOEHRINGER INGELHEIM PHARMA KG.	15/07/2005	MUMBAI
175	204390	IN/PCT/2000/00610/MUM	10/11/2000	24/06/1998	A COATING COMPOSITION	E.I. DU PONT DE NEMOURS AND COMPANY	15/07/2005	MUMBAI
176	204392	IN/PCT/2000/00139/MUM	30/06/2000	03/11/1998	APPARATUS FOR GENERATING A QUERY	PLATINUM TECHNOLOGY, INC.	18/02/2005	MUMBAI
177	204393	IN/PCT/2000/00411/MUM	18/09/2000	23/03/1998	AXIAL FLOW FAN	SPAL S.R.L.	15/07/2005	MUMBAI
178	204394	IN/PCT/2000/00296/MUM	16/08/2000	12/02/1998	A SYSTEM FOR SYNCHRONIZING A PLURALITY OF BASE STATIONS	TELEFONAKTI EBOLAGET LM ERICSSON [PUBL]	15/07/2005	MUMBAI
179	204395	IN/PCT/2000/00439/MUM	26/09/2000	23/03/1998	A PROCESS FOR THE PREPARATION OF A TOPICAL COMPOSITION CONTAINING NOMEGESTROL ACETATE	LABORATOIRE THERAMEX	15/07/2005	MUMBAI
180	204397	IN/PCT/2000/00764/MUM	21/12/2000	03/09/1998	METHOD AND MACHINE FOR LAPPING OR TESTING BEVEL OR HYPOID GEARS	THE GLEASON WORKS	15/07/2005	MUMBAI
181	204398	IN/PCT/2000/00769/MUM	22/12/2000	23/06/1998	AN APPARATUS FOR TRAINING A COMPUTER CLASSIFICATION SYSTEM	INTELLIX A / S	15/07/2005	MUMBAI
182	204399	IN/PCT/2000/00410/MUM	18/09/2000	18/03/1999	AXIAL FLOW FAN	SPAL S. R. L.	15/07/2005	MUMBAI
183	204400	IN/PCT/2000/00467/MUM	03/10/2000	23/04/1998	A METHOD OF MAKING A CONTAINER COMPRISING A POLYESTER AND A CONTAINER ARTICLE MADE THEREBY	E I DU PONT DE NEMOURS & COMPANY	15/07/2005	MUMBAI
184	204401	01042/MUM/2001	25/10/2001		A MULTI PURPOSE GEPMETRICAL EDUCATIONAL APPARATUS	SHINDE BHAUSAHEB SHAMARAO	18/03/2005	MUMBAI
185	204402	IN/PCT/2001/01233/MUM	09/10/2001	09/04/1999	METHOD AND SYSTEM FOR ENABLING ERROR-FREE DELIVERY OF DATA BETWEEN TRANSMITTING AND RECEIVING PEER ENTITIES	TELEFONAKTI EBOLAGET LM ERICSSON [PUBL]	17/06/2005	MUMBAI
186	204403	IN/PCT/2000/00177/MUM	13/07/2000	16/10/1998	PROCESS FOR PREPARING A PREALLOYED METAL	EUROTUNGSTE NE POUDRES	15/07/2005	MUMBAI

187	204404	717/MUM/2001	26/07/2001		A DERAILMENT ARRESTER MEANS IN AN ELEVATED SUSPENDED COACH RAIL TRANSPORTATION SYSTEM	KONKAN RAILWAY CORPORATION LIMITED	16/06/2006	MUMBAI
188	204405	IN/PCT/2000/00282/MUM	10/08/2000	21/12/1998	A TEMPORARY VEHICLE DOOR CHECKING MECHANISM	MULTIMATIC INC.	15/07/2005	MUMBAI
189	204406	IN/PCT/2001/00305/MUM	19/03/2001	08/09/1998	A FIXED CELLULAR TELEPHONE INTERFACE SYSTEM FOR ESTABLISHING A CALL CONNECTION	ERICSSON INC.	19/08/2005	MUMBAI
190	204408	1088/MUM/2001	15/11/2001		A HANDLE ACCESSORY FOR REMOVABLY HOLDING A SOCKET	TAPARIA TOOLS LIMITED	03/02/2006	MUMBAI
191	204409	IN/PCT/2001/01114/MUM	14/09/2001	11/03/1999	A RADIO NETWORK CONTROLLER IN A CODE DIVISION MULTIPLE ACCESS (CDMA) RADIO COMMUNICATION SYSTEM	TELEFONAKTI EBOLAGET LM ERICSSON (PUBL)	03/02/2006	MUMBAI
192	204410	IN/PCT/2000/00619/MUM	13/11/2000	22/05/1998	THREAD PROTECTOR	DRILLTEC PATENTS & TECHNOLOGIES COMPANY, INC.	15/07/2005	MUMBAI
193	204411	IN/PCT/2000/00585/MUM	03/11/2000	18/05/1998	ANTENNA DEVICE FOR RECEIVING AND TRANSMITTING RF SIGNALS	AMC CENTURION AB	15/07/2005	MUMBAI
194	204412	IN/PCT/2000/00023/MUM	18/04/2000	19/08/1998	ORGANIC PHOTSENSITIVE OPTOELECTRONIC DEVICE	THE TRUSTEES OF PRINCETON UNIVERSITY	17/06/2005	MUMBAI
195	204413	IN/PCT/2000/00011/MUM	24/02/2000	20/07/1998	A CURRENT LOOP FOR CONNECTING AN ANALOG SENSOR	ALSTOM HOLDINGS	15/07/2005	MUMBAI
196	204415	IN/PCT/2000/00614/MUM	10/11/2000	02/06/1998	METHOD FOR REGULATING AERATION DURING WASTE WATER BIOLOGICAL TREATMENT	SUEZ-LYONNAISE DES EAUX	15/07/2005	MUMBAI
197	204421	IN/PCT/2000/00111/MUM	21/06/2000	06/02/1998	A PROCESS FOR THE MANUFACTURE OF SHAPED ABSORBENT UNITS	JOHNSON MATTHEY PLC	15/07/2005	MUMBAI
198	204429	IN/PCT/2000/00343/MUM	30/08/2000	12/03/1998	A POLYMERISATION CATALYST COMPOSITION	BP CHEMICALS LIMITED	15/07/2005	MUMBAI

199	204438	IN/PCT/2000/00200/MUM	20/07/2000	22/01/1998	A PROCESS FOR THE MANUFACTURE OF A FROZEN FOOD PRODUCT	HINDUSTAN LEVER LIMITED	15/07/2005	MUMBAI
200	204448	IN/PCT/2000/00107/MUM	20/06/2000	29/12/1997	A LOGIC CIRCUIT	INTEL CORPORATION	17/06/2005	MUMBAI
201	204449	IN/PCT/2000/00350/MUM	31/08/2000	10/03/1998	A RESERVOIR FOR A FLUID, SPECIFICALLY A POWDER PRODUCT AND A DEVICE FOR DISPENSING SAID FLUID	VALOIS S.A.	15/07/2005	MUMBAI
202	204450	IN/PCT/2000/00405/MUM	15/09/2000	24/03/1998	A CONTINUOUS PROCESS FOR MANUFACTURING AN EPOXIDE	SOLVAY (SOCIETE ANONYME)	15/07/2005	MUMBAI
203	204451	IN/PCT/2000/00284/MUM	10/08/2000	07/02/1998	A SWITCHGERAR CABINET	RITTAL-WERK RUDOLF LOH GMBH & CO. KG.	15/07/2005	MUMBAI

PUBLICATION UNDER SECTION 43(2) IN RESPECT OF THE GRANT

Following Patents have been granted and any person interested in opposing these patents Under Section 25(2) may at any time within one year from the date of this issue, give notice to the Controller of Patents at the appropriate office on the prescribed form 7 along with written statement and evidence if any.

SL. NO.	Patent Number	Appli-cation Number	Date of Appli-cation	Date of Priority	Title of Invention	Name of Patentee	Date of Publi-cation of Abstract u/s 11(A)	Appropriate Office
1	207362	01518/KOLNP/2004	11/10/2004	19/04/2002	MEHTOD FOR REMOTE MAINTENANCE OF REPEATER AND APPARATUS THEREOF	HUAWEI TECHNOLOGIES CO. LTD.	9/9/2005	KOLKATA
2	207363	IN/PCT/1999/00042/KOL	30/09/1999	2/2/1998	"PRINTED DOCUMENT HAVING A VALUE AND COMPRISING A LUMINESCENT AUTHENTICITY FEATURE"	GIESECKE&DEVRI ENT GMBH,	30/12/2005	KOLKATA
3	207364	IN/PCT/2000/00634/KOL	14/12/2000	20/06/1998	"PROCESS FOR PRODUCING A POLYVINYL ALCOH OL GEL AND A MECHANICALLY HIGHLY STABLE GEL PRODUCED ACCORDING TO THE PROCESS"	DR. KLAUS-DIETER VORLOP	31/03/2006	KOLKATA
4	207365	IN/PCT/2001/00044/KOL	11/1/2001	10/7/1998	ADDITIVE COMPOSITION FOR PAPER MAKING	RAISIO CHEMICALS LTD	10/2/2006	KOLKATA
5	207366	IN/PCT/2001/00226/KOL	27/02/2001	8/9/1998	METHOD FOR SYNCHRONIZATION OF A BASE STATION TO A MOBILE STATION	SIEMENS AKTIENGESELLSC HAFT	30/12/2005	KOLKATA
6	207367	IN/PCT/2001/00337/KOL	26/03/2001	30/07/1999	MASSAGE VIBRATOR FORTHE RELIEF OF ACHES AND PAIN	1)TAVERNA LUCIA, 2)MARINELLI LUCIANO, 3)BERTOLI HENRY, 4)BERTOLI LOUIS ,MARINELLI LUCIANO, ,BERTOLI HENRY,BERTOLI LOUIS	10/2/2006	KOLKATA
7	207368	IN/PCT/2001/00367/KOL	29/03/2001	8/10/1998	AN IMPROVED WATER ENTRY DEVICE FOR FACILITATING DELIVERY OF WATER TO A WATER DISTRIBUTOR OF AN EVAPORATIVE COOLER	FF SEELEY NOMINEES PTY LTD.	17/02/2006	KOLKATA
8	207369	IN/PCT/2001/00711/KOL	9/7/2001	17/11/1999	"A METHOD FOR MANUFACTURING A LAMP".	PATENT TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH,	10/2/2006	KOLKATA
9	207370	IN/PCT/2001/01340/KOL	19/12/2001	24/06/1999	"A METHOD OF CLEANING VALVES OR LINES FOR HYDROLYSABLE POLYMER".	LURGI ZIMMER AG	3/2/2006	KOLKATA
10	207371	IN/PCT/2001/01348/KOL	20/12/2001	21/03/2000	A VALVE SYSTEM	ROSS OPERATING VALVE CMPANY	10/2/2006	KOLKATA
11	207372	IN/PCT/2002/00024/KOL	4/1/2002	13/06/1999	METHOD AND APPARATUS FOR THE MEANUFACTURE OF BRUSHES AND BRUSHES MANUFACTURED BY THE SAME.	CORONET-WERKE GMBH	3/2/2006	KOLKATA

12	207373	IN/PCT/2002/ 00046/KOL	11/1/2002	12/7/1999	"A MICROBIAL PROCESS FOR THE PREPARATION OF PRAVASTATIN BY HYDROXYLATION OF COMPACTIN BY MICROMONOSPORA"	IVAX DRUG RESEARCH INSTITUTE LTD.	10/2/2006	KOLKATA
13	207374	IN/PCT/2002/ 00102/KOL	23/01/2002	14/08/1999	ACOMPONENT SUITABLE FOR USE IN A DROPLET DEPOSITION APPARATUS. AND A METHOD OF FORMING THE SAME	XAAR TECHNOLOGY LIMITED	3/2/2006	KOLKATA
14	207375	IN/PCT/2002/ 00204/KOL	8/2/2002	12/7/1999	"A DATA PROCESSING METHOD AND SYSTEM FOR DETERMINING A PREFERRED CURRENCY FOR ASSOCIATION WITH A CHARGE, DEBIT OR CREDIT CARD TRANSACTION".	MAINLINE CORPORATE HOLDINGS LIMITED,	30/12/2005	KOLKATA
15	207376	IN/PCT/2002/ 00218/KOL	12/2/2002	21/08/1999	APPARATUS FOR FORMING POLYMER CONTINUOUSLY ON THE SURFACE OF METAL BY DC PLASMA POLYMERIZATION"	LG ELECTRONICS INC.,	27/01/2006	KOLKATA
16	207377	IN/PCT/2002/ 00659/KOL	16/05/2002	2/12/1999	SURFACE TREATMENT OF AN ORGANIC POLYMERIC MATERIAL	DOW CORNING LTD	11/3/2005	KOLKATA
17	207378	IN/PCT/2002/ 00762/KOL	6/6/2002	6/12/1999	"METHOD AND DEVICE FOR REDUCING THE POLYGON EFFECT THAT OCCURS DURING THE COURSE IF REVERSING A CHAIN".	KONE CORPORATION,	10/2/2006	KOLKATA
18	207379	IN/PCT/2002/ 00840/KOL	24/06/2002	24/11/1999	'A ZEOLITIC MATERIAL TIQ-6, A MICROPOROUS MATEIRLS METIQ-6 AND PROCESS FOR PREPARATION THEREOF".	CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS,UNIV ERSIDAD POLITECNICA DE VALENCIA	10/3/2006	KOLKATA
19	207380	IN/PCT/2002/ 01008/KOL	6/8/2002	2/3/2000	DYE REDUCTION MEDIATOR SYSTEMS BASED ON MIXED METAL COMPLEXES	DYSTAR TEXTILFARBEN GMBH & CO DEUTSCHLAND KG	30/12/2005	KOLKATA
20	207381	IN/PCT/2002/ 01589/KOL	27/12/2002	13/07/2000	"SYSTEM AND PROCESS FOR ADDRESSING A CENTRAL PROCESSING UNIT OF A MULTI-DEVICE APPLIANCE AND SAID MULTI-DEVICE APPLIANCE".	THOMSON LICENSING , S.A.	11/3/2005	KOLKATA
21	207382	00103/KOLNP /2005	28/01/2005	10/7/2002	THRUST LOAD ENHANCEMENT DEVICE AND AMETHOD FOR THRUST LOAD ENHANCEME4NT FOR A ROTOR BEARING SYSTEM.	TURBOCOR INC.	25/11/2005	KOLKATA
22	207383	00171/KOLNP /2005	11/2/2005	25/07/2002	METHOD FOR EXTINGUISHING FIRE IN A MINE SHAFT AND APPARATUS THEREFOR.	OZMENT ALDEN	4/11/2005	KOLKATA
23	207384	00470/KOLNP /2003	16/04/2003	3/11/2000	A PROCESS FOR THE PREPARATION OF A 3-OXO-4-AZASTEROID FROM A CORRESPONDING 4-AZA-ANDROSTEN-3-ONE.	GLAXO GROUP LIMITED	11/3/2005	KOLKATA
24	207385	00490/KOLNP /2004	13/04/2004	16/10/2001	AN OPERATING ROPE FOR OPERATING A SUNSHADE.	KIM HWA-SOON	19/05/2006	KOLKATA

25	207386	00573/KOLNP/2005	5/4/2005	18/09/2002	A GHRH ANALOGUES OR A PHARMACEUTICALLY ACCEPTABLE SALT THEREOF ABLE TO STIMULATE SECRETION OR SYNTHESIS OF GROWTH HORMONE IN A MAMMAL.	CENTRE HOSPITALIER DE L'UNIVERSITE DE MONTREAL (CHUM)	13/01/2006	KOLKATA
26	207387	00577/KOLNP/2005	5/4/2005	6/9/2002	A METHOD AND SYSTEM FOR RETRIEVING SECURED DATA FROM A SECURE DATA STORE.	UNITED STATES POSTAL SERVICE	25/11/2005	KOLKATA
27	207388	00595/KOLNP/2003	9/5/2003	10/11/2000	FURNACE ROLLER AND CAST TIRE THEREFOR	BRICMONT INC.,	21/01/2005	KOLKATA
28	207389	00657/KOLNP/2004	20/05/2004	20/11/2001	UNWROUGHT REFRACTORY COMPOSITION, IN PARTICULAR FOR PRODUCING GLASS FURNACE HEARTHS	SAINT GOBAIN CENTRE DE RECHERCHES ET D'ETUDES EUROPEEN,	23/09/2005	KOLKATA
29	207390	00728/KOLNP/2004	31/05/2004	21/12/2001	ANALYTICAL METHOD FOR DETECTING ALKALINE SPHINGOMYELINASE AND KIT FOR USE IN SUCH METHOD	ACTIAL FARMACEUTICA, LDA.	2/6/2006	KOLKATA
30	207391	00884/KOLNP/2004	24/06/2004	27/12/2001	BLIND FASTENER WITH A BLIND SIDE HEAD HAVING A CLAMP SUPPORT AND LOCK SECTION.	HUCK INTERNATIONAL, INC.	23/09/2005	KOLKATA
31	207392	01138/KOLNP/2004	9/8/2004	20/02/2002	PROCESS AND CONTROL DEVICE FOR THE CYCLIC MANUFACTURE OF INJECTION CAST PARTS	NETSTAL MASCHINEN AG	3/3/2006	KOLKATA
32	207393	01242/KOLNP/2004	25/08/2004	4/3/2002	SYNTHETIC RESIN CAP, CLOSING DEVICE, AND PACKAGED BEVERAGE"	ALCOA CLOSURE SYSTEMS JAPAN LIMITED	12/8/2005	KOLKATA
33	207394	01400/KOLNP/2004	21/09/2004	28/03/2002	INFUSION CONTAINER WITH MULTIPLE CHAMBERS AND PRODUCTION METHOD THEREOF	SHOWA DENKO PLASTIC PRODUCTS CO. LTD.	2/9/2005	KOLKATA
34	207395	01799/KOLNP/2004	25/11/2004	27/05/2002	A THREADED FASTENER WRENCHING STRUCTURE.	OSG CORPORATION	2/6/2006	KOLKATA
35	207396	01842/KOLNP/2004	2/12/2004	5/6/2002	APPARATUS FOR PROCESSING THERMOPLASTIC SYNTHETIC PLASTIC MATERIAL	EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H	17/02/2006	KOLKATA
36	207397	00035/KOLNP/2003	9/1/2003	25/07/2000	A DIGITAL DATA MODULATION METHOD AND A DATA MODULATOR INCLUDING A DATA DEMODULATOR THEREFOR.	THOMSON LICENSING S.A.	11/3/2005	KOLKATA
37	207398	856/CAL/1995	25/07/1995	29/07/1994	A SECRETED EI/SECRETED E2 COMPLEX	CHIRON CORPORATION	21/10/2005	KOLKATA
38	207399	IN/PCT/1999/00108/KOL	6/12/1999	23/03/1998	"PROCESS FOR PREPARATION OF PREPOLYMERIZED CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS".	MONTELL TECHNOLOGY COMPANY B.V.,	30/12/2005	KOLKATA
39	207400	IN/PCT/2000/00547/KOL	22/11/2000	22/05/1998	IMPROVED HOCKEY STICK	HOWGATE IAN ROBERT MALCOLM, GREAT BRITAIN	10/3/2006	KOLKATA

40	207401	IN/PCT/2001/ 00200/KOL	19/02/2001	12/9/1998	PROCESS FOR CARRYING OUT GAS-LIQUID REACTIONS	DEGUSSA AG	10/2/2006	KOLKATA
41	207402	IN/PCT/2001/ 00505/KOL	9/5/2001	8/12/1998	A CAPACITIVE PICK OFF SENSOR FOR A MASS FLOWMEASUREMENT DEVICE AND A CORIOLIS MASS FLOW SENSOR.	EMERSON ELECTRIC CO.	25/08/2006	KOLKATA
42	207403	IN/PCT/2001/ 00578/KOL	30/05/2001	3/12/1998	' Tampon applicator'.	JOHNSON & JOHNSON GMBH	3/2/2006	KOLKATA
43	207404	IN/PCT/2001/ 00813/KOL	9/8/2001	22/01/1999	"PIPE COUPLING FOR PLASTIC PIPES"	CALDERO TRUST REG	27/01/2006	KOLKATA
44	207405	IN/PCT/2002/ 00258/KOL	20/02/2002	26/06/2000	"AN IMPROVED MOBILE COMMUNICATION SYSTEM ADAPTABLE TO CARRY- OUT MOBILE COMMUNICATION USING A SHARED CHANNEL"	MATSUSHITA ELECTRIC INDUSTRIAL CO.LTD.	30/12/2005	KOLKATA
45	207406	IN/PCT/2002/ 00259/KOL	21/02/2002	21/07/1999	AN APPARATUS FOR ELECTROWINNING A METAL IN POWER FORM AND A METHOD FOR THE SAME	ELECTROMETALS TECHNOLOGIES LIMITED	3/2/2006	KOLKATA
46	207407	IN/PCT/2002/ 00535/KOL	26/04/2002	13/10/1999	AN APPARATUS COMPRISING A THERMOCOUPLE FOR MEASURING THE TEMPERATURE.	TEXACO DEVELOPMENT CORPORATION,	14/07/2006	KOLKATA
47	207408	IN/PCT/2002/ 01046/KOL	13/08/2002	11/2/2000	"N-ACYLATED A82846 GLYCOPEPTIDE ANALOGS"	ELILILLY AND COMPANYO F DROP CODE 1104	1/7/2005	KOLKATA
48	207409	IN/PCT/2002/ 01204/KOL	23/09/2002	31/03/2000	A MEDICAL DIAGNOSTIC DEVICE FOR MEASURING AN ANALYTE CONCENTRATION IN A BIOLOGICAL FLUID.	LIFESCAN INC.,	16/09/2005	KOLKATA
49	207410	IN/PCT/2002/ 436/KOL	4/4/2002	25/09/1999	PACKAGED ARTICLE AND METHOD OF PACKAGED AN ARTICLE.	ARTHUR W. CLOWES LIMITED	4/11/2005	KOLKATA
50	207411	IN/PCT/2002/ 01151/KOL	11/9/2002	3/3/2000	A PRESERVATIVE COMPOSITION FOR FRUITS AND VEGETABLES	CITRUS SENSATION PTY LTD	11/3/2005	KOLKATA