

Bulletin Officiel de la Propriété Industrielle (BOPI)

Brevets d'inventions

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Organisation
Africaine de la
Propriété
Intellectuelle



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**PREMIERE PARTIE
GENERALITES**

Extrait de la norme ST.3 de l'OMPI

Code normalisé à deux lettres recommandé pour la représentation des pays ainsi que d'autres entités et des organisations internationales délivrant ou enregistrant des titres de propriété industrielle.

Afghanistan	AF	Cook, Îles	CK
Afrique du Sud	ZA	Corée (République de Corée)	KR
Albanie	AL	Corée (Rép. Populaire de Corée)	KP
Algérie	DZ	Costa Rica	CR
Allemagne	DE	Côte d'Ivoire*	CI
Andorre	AD	Croatie	HR
Angola	AO	Cuba	CU
Anguilla	AI	Danemark	DK
Antigua-et-Barbuda	AG	Djibouti	DJ
Antilles Néerlandaises	AN	Dominicaine, République	DO
Arabie Saoudite	SA	Dominique	DM
Argentine	AR	Egypte	EG
Arménie	AM	El Salvador	SV
Aruba	AW	Emirats Arabes Unis	AE
Australie	AU	Equateur	EC
Autriche	AT	Erythrée	ER
Azerbaïdjan	AZ	Espagne	ES
Bahamas	BS	Estonie	EE
Bahreïn	BH	Etats-Unis d'Amérique	US
Bangladesh	BD	Ethiopie	ET
Barbade	BB	Ex Rep. Yougoslavie de Macedoine	MK
Bélarus	BY	Falkland, Îles (Malvinas)	FK
Belgique	BE	Fédération de Russie	RU
Belize	BZ	Fidji	FJ
Bénin*	BJ	Féroé, Îles	FO
Bermudes	BM	Finlande	FI
Bhoutan	BT	France	FR
Bolivie	BO	Gabon*	GA
Bonaire, Saint-Eustache et Saba	BQ	Gambie	GM
Bosnie-Herzégovine	BA	Géorgie	GE
Botswana	BW	Géorgie du Sud et les Îles Sandwich du Sud	GS
Bouvet, Île	BV	Ghana	GH
Brésil	BR	Gibraltar	GI
Brunéi Darussalam	BN	Grèce	GR
Bulgarie	BG	Grenade	GD
Burkina Faso*	BF	Groenland	GL
Burundi	BI	Guatemala	GT
Caïmanes, Îles	KY	Guernesey	GG
Cambodge	KH	Guinée*	GN
Cameroun*	CM	Guinée-Bissau*	GW
Canada	CA	Guinée Equatoriale*	GQ
Cap-Vert	CV	Guyana	GY
Centrafricaine, République*	CF	Haïti	HT

Chili	CL	Honduras	HN
Chine	CN	Hong Kong	HK
Chypre	CY	Hongrie	HU
Colombie	CO	Île de Man	IM
Comores*	KM	Îles Vierges (Britanniques)	VG
Congo*	CG	Inde	IN
Congo(Rép.Démocratique)	CD	Indonésie	ID
Iran(République Islamique d')	IR	Norvège	NO
Iraq	IQ	Nouvelle-Zélande	NZ
Irlande	IE	Oman	OM
Islande	IS	Ouganda	UG
Israël	IL	Ouzbékistan	UZ
Italie	IT	Pakistan	PK
Jamaïque	JM	Palaos	PW
Japon	JP	Panama	PA
Jersey	JE	Papouasie-Nouvelle-Guinée	PG
Jordanie	JO	Paraguay	PY
Kazakhstan	KZ	Pays-Bas	NL
Kenya	KE	Pérou	PE
Kirghizistan	KG	Philippines	PH
Kiribati	KI	Pologne	PL
Koweït	KW	Portugal	PT
Laos	LA	Qatar	QA
Lesotho	LS	Région admin. Spéciale de Hong Kong (Rep. Populaire de Chine)	HK
Lettonie	LV	Roumanie	RO
Liban	LB	Royaume Uni (Grande Bretagne)	GB
Libéria	LR	Rwanda	RW
Libye	LY	Sahara Occidental	EH
Liechtenstein	LI	Sainte-Hélène	SH
Lituanie	LT	Saint-Kitts-et-Nevis	KN
Luxembourg	LU	Sainte-Lucie	LC
Macao	MO	Saint-Marin	SM
Macédoine	MK	Saint-Marin (Partie Néerlandaise)	SX
Madagascar	MG	Saint-Siège(Vatican)	VA
Malaisie	MY	Saint-Vincent-et-les Grenadines(a,b)	VC
Malawi	MW	Salomon, Îles	SB
Maldives	MV	Samoa	WS
Mali*	ML	SaoTomé-et-Principe	ST
Malte	MT	Sénégal*	SN
Mariannes du Nord, Îles	MP	Serbie	RS
Maroc	MA	Seychelles	SC
Maurice	MU	Sierra Leone	SL
Mauritanie*	MR	Singapour	SG
Mexique	MX	Slovaquie	SK
Moldova	MD	Slovénie	SI
Monaco	MC	Somalie	SO

Mongolie	MN	Soudan	SD
Monténégro	ME	SriLanka	LK
Montserrat	MS	Suède	SE
Mozambique	MZ	Suisse	CH
Myanmar(Birmanie)	MM	Suriname	SR
Namibie	NA	Swaziland	SZ
Nauru	NR	Syrie	SY
Népal	NP	Tadjikistan	TJ
Nicaragua	NI	Taiwan,Province de Chine	TW
Niger*	NE	Tanzanie (Rép.-Unie)	TZ
Nigéria	NG	Tchad*	TD
Thaïlande	TH	Tchèque,République	CZ
Timor Oriental	TP	Ukraine	UA
Togo*	TG	Uruguay	UY
Tonga	TO	Vanuata	VU
Trinité-et-Tobago	TT	Venezuela	VE
Tunisie	TN	VietNam	VN
Turkménistan	TM	Yémen	YE
Turks et Caïques,Îles	TC	Yougoslavie	YU
Turquie	TR	Zambie	ZM
Tuvalu	TV	Zimbabwe	ZW

ORGANISATIONS INTERNATIONALES DELIVRANT OU ENREGISTRANT DES TITRES DE PROPRIETE INDUSTRIELLE

Bureau Benelux des marques et des dessins et modèles industriels	BX
Office Communautaire des variétés végétales (Communauté Européenne (OCVV))	QZ
Office de l'harmonisation dans le marché intérieur (Marque, dessins et modèles)	EM
Office des Brevets du conseil de Coopération des Etats du Golf (CCG)	GC
Office Européen des Brevets (OEB)	EP
Organisation Mondiale de la Propriété Intellectuelle (OMPI)	WO
Bureau International de l'OMPI	IB
Organisation Africaine de la Propriété Intellectuelle (OAPI)	OA
Organisation Eurasienne des Brevets (OEAB)	EA
Organisation Régionale Africaine de la Propriété Industrielle (ARIPO)	AP

*Etats membres de l'OAPI

**CODES UTILISES EN MATIERE DE DOCUMENTATION DES
BREVETS D'INVENTION ET DES MODELES D'UTILITE**

- (11) Numéro de publication.
- (12) Désignation du type de document.
- (19) Identification de l'office qui publie le document.
- (21) Numéro d'enregistrement ou de dépôt.
- (22) Date de dépôt.
- (24) Date de délivrance.
- (30) Pays dans lequel (lesquels) la(les) demande(s) de priorité a (ont) été déposée(s).
Date(s) de dépôt de la (des) demande(s) de priorité.

(le cas échéant)

Numéro(s) attribué(s) à la (aux) demande(s) de priorité.

- (51) Classification internationale des brevets(CIB).
- (54) Titre de l'invention.
- (57) Abrégé.
- (60) Références à d'autres documents apparentés (le cas échéant).
- (71) Nom(s) du ou des demandeur(s).
- (72) Nom de l'inventeur (le cas échéant) suivi éventuellement du nom de la société d'appartenance.
- (73) Nom(s) du ou des titulaire(s) le cas échéant.
(Ce code n'apparaît que sur la première page du brevet délivré)
- (74) Nom du mandataire en territoire OAPI (le cas échéant).

**CODES UTILISES EN MATIERE D'INSCRIPTIONS
DANS LE REGISTRE SPECIAL DES BREVETS D'INVENTION ET DES
MODELES D'UTILITE**

- (1) Numéro de délivrance
- (2) Numéro de dépôt
- (3) Numéro et date de la demande d'inscription
- (4) Nature de l'inscription
- (5) Numéro et date de l'inscription
- (10) Cédant
- (11) Cessionnaire
- (12) Apporteur
- (13) Bénéficiaire
- (14) Dénomination avant
- (15) Dénomination après
- (16) Concédant
- (17) Titulaire
- (18) Ancienne adresse
- (19) Nouvelle adresse
- (20) Constituant du nantissement
- (21) Créancier nanti

CLARIFICATION DU REGLEMENT RELATIF A L'EXTENSION DES DROITS SUITE A UNE NOUVELLE ADHESION A L'ACCORD DE BANGUI

RESOLUTIONN°47/32

LE CONSEIL D'ADMINISTRATION DE L'ORGANISATION AFRICAINE DE LAPROPRIETE INTELLECTUELLE

- Vu L'accord portant révision de l'accord de Bangui du 02 Mars 1977 instituant une Organisation Africaine de la Propriété Intellectuelle et ses annexes ;
- Vu Les dispositions des articles 18 et 19 dudit Accord relatives Aux attributions et pouvoirs du Conseil d'Administration ;

ADOPTE la clarification du règlement du 04 décembre 1988 relatif à l'extension des droits suite à une nouvelle adhésion à l'Accord de Bangui ci-après :

Article 1er :

Le Règlement du 04 décembre 1988 relatif à l'extension des droits suite à une nouvelle adhésion à l'Accord de Bangui est réaménagé ainsi qu'il suit :

« Article 5 (nouveau) » :

Les titulaires des titres en vigueur à l'Organisation avant la production des effets de l'adhésion d'un Etat à l'accord de Bangui ou ceux dont la demande a été déposée avant cette date et qui

voudront étendre la protection dans ces Etats doivent formuler une demande d'extension à cet effet auprès de l'Organisation suivant les modalités fixées aux articles 6 à 18 ci-dessous.

Le renouvellement de la protection des titres qui n'ont pas fait l'objet d'extension avant l'échéance dudit renouvellement entraîne une extension automatique des effets de la protection à l'ensemble du territoire OAPI».

Le reste sans changement.

Article 2 :

La présente clarification, qui entre en vigueur à compter du 1^{er} janvier 2008, s'applique aussi aux demandes d'extension en instance et sera publiée au Bulletin Officiel de l'Organisation.

Fait à Bangui le 17 décembre 2007

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www.oapi.int

DEUXIEME PARTIE
BREVETS D'INVENTION

A
REPERTOIRE NUMERIQUE
du 17166 au N° 17215

(11) **17166**

(51) B60K 17/26; F16D 41/064

(21) 1200600118 - PCT/JP04/015195

(22) 07.10.2004

(30) JP n° 2003-349059 du 08/10/2003

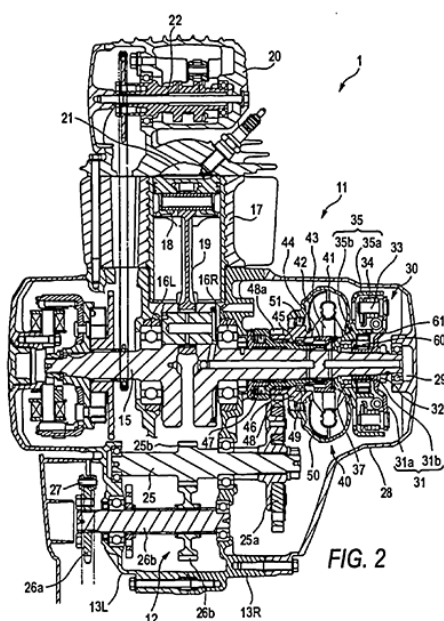
(54) Two-wheeled motor vehicle and power unit.

(72) KUROIWA Yasuyuki;
SAWAMURA Yoshinobu;
ABE Katsuya;
KONDO Hitoshi.

(73) Honda Motor Co., Ltd. (JP)

(74) SCP NICO HALLE & Co. LAW FIRM,
B.P. 4876, DOUALA (CM).

(57) A motorcycle includes : an internal combustion engine having a crankshaft; a transmission mechanism; a centrifugal start-up clutch; and a torque converter. The centrifugal start-up clutch and the torque converter are provided between the crankshaft and the transmission mechanism. The motorcycle further includes a one-way clutch provided between the crankshaft and the torque converter so that the one-way clutch transmits power from the transmission mechanism to the crankshaft only when a driving force transmitted from a wheel toward the transmission mechanism is larger than a driving force of the internal combustion engine and a rotational speed of the crankshaft is not lower than a predetermined value.

[Consulter le mémoire](#)(11) **17167**

(51) A61K 31/4188; C07D 491/052

(21) 1201300262 - PCT/US12/065681

(22) 16.11.2012

(30) US n° 61/560,654 du 16/11/2011

(54) Condensed imidazolylimidazoles as antiviral compounds.

(72) KATANA, Ashley, Anne;
KATO, Darryl;

BACON, Elizabeth, M.;

COTTELL, Jeromy, J.;

KRYGOWSKI, Evan, S.;

LINK, John, O.;

TAYLOR, James;

TRAN, Chinh Viet;

TREJO MARTIN, Teresa, Alejandra;

YANG, Zheng-Yu;

ZIPFEL, Sheila.

(73) GILEAD SCIENCES, INC. (US)

(74) Cabinet ISIS CONSEILS (SCP), B.P. 15067,
YAOUNDE (CM).

(57) The disclosure is related to anti-viral compounds, compositions containing such compounds, and therapeutic methods that include the administration of such compounds, as well as to processes and intermediates useful for preparing such compounds.

[Consulter le mémoire](#)(11) **17168**

(51) H04L 12/16 (06.01)

(21) 1201400039 - PCT/CN12/077891

(22) 29.06.2012

(30) CN n° 201110214115.7 du 28/07/2011

(54) Method and system for demonstrating and processing network medium information.

(72) ZHOU, Chaojian;
 ZHU, Longyun;
 LING, Shenglong;
 YANG, Jie.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Disclosed are a method and a system for demonstrating and processing network medium information. The system comprises a medium information demonstration apparatus of a terminal side and a medium information playing apparatus of a network side. The method comprises: a terminal side searching for a demonstration position on a demonstration medium, obtaining identification information of more than one demonstration positions, merging the identification information of demonstration positions into one information playing request, and sending the information playing request to a network side; the network side parses the identification information of demonstration positions in the information playing request, finding demonstration data corresponding to each demonstration position, merging the identification information and the demonstration data corresponding to each demonstration position into one information playing response, and sending the information playing response to the terminal side; and the terminal side, according to the demonstration data of each demonstration position, demonstration medium information on a demonstration position corresponding to a demonstration medium. The present invention may be used to reduce the data processing pressure of a medium information processing apparatus of a network side in a network medium information publishing system, and reduce the occupation of network bandwidth resources.

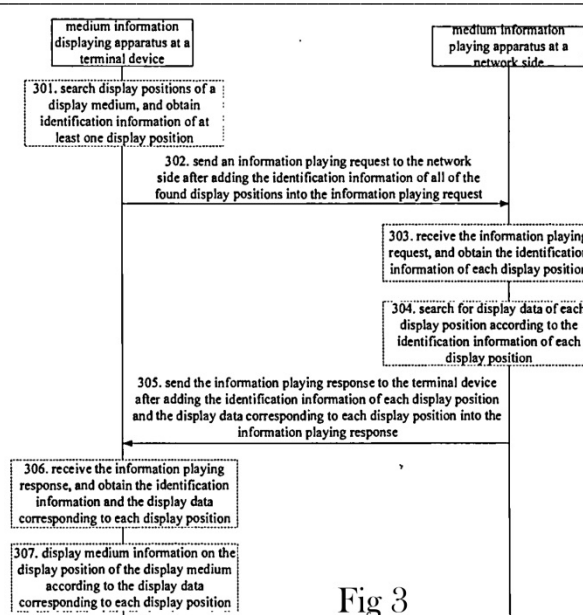


Fig 3

[Consulter le mémoire](#)

(11) **17169**

(51) A01N 35/00; A61K 31/11

(21) 1201400285 - PCT/US12/072177

(22) 28.12.2012

(30) US n° 61/581,053 du 28/12/2011

US n° 61/661,320 du 18/06/2012

(54) Substituted benzaldehyde compounds and methods for their use in increasing tissue oxygenation.

(72) METCALF, Brian;
 CHUANG, Chihyuan;
 WARRINGTON, Jeffrey;
 PAULVANNAN, Kumar;
 JACOBSON, Matthew P.;
 HUA, Lan;
 MORGAN, Bradley.

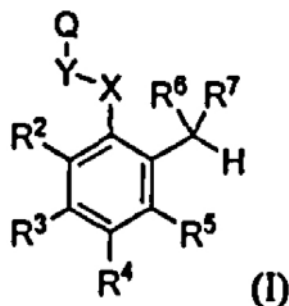
(73) Global Blood Therapeutics (US)
 Cytokinetics, Inc. (US)

The Regents of the University of California (US).

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Provided are substituted benzaldehydes and derivatives thereof that act as allosteric modulators of hemoglobin, methods and

intermediates for their preparation, pharmaceutical compositions comprising the modulators, and methods for their use in treating disorders mediate by hemoglobin and disorders that would benefit from increased tissue oxygenation.



[Consulter le mémoire](#)

(11) **17170**

(51) H04L 29/08 (06.01)

(21) 1201400379 - PCT/CN13/070696

(22) 18.01.2013

(30) CN n° 201210039521.9 du 21/02/2012

(54) method and system for transferring speech information.

(72) ZHANG, Bin;
GUAN, Zhenan;
LIANG, Xing;
CHEN, Yuewei;
LIU, Lejun.

(73) TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED (CN)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) It relates to computer communication technology. A method and system for transmitting voice messages are disclosed. The method includes: voice data collected by the first 5 intercom terminal are received; whether the size of the voice data collected reaches a predefined threshold are circularly detected; and when the size of the voice data collected reaches the predefined threshold, or when the voice data collected doesn't reach the predefined size but contains a voice message terminator, the voice data collected are upload to the transit server via a predefined network, to realize 10 asynchronization between voice data collection and uploading. Thus the problem of the

prolongation of the intercom data transmission time associated with existing processes is solved by such an effective intercom data transmission method. In this method, the collection and uploading of the voice data can be done asynchronously, thus the delay of intercom can be reduced and the experience of the users of intercom terminal can be improved.

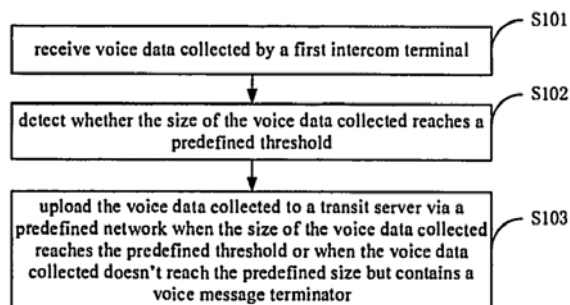


Figure 1

[Consulter le mémoire](#)

(11) **17171**

(51) B66C 13/02 (06.01)

(21) 1201400475 - PCT/GB13/050978

(22) 18.04.2013

(30) GB n° 1206805.2 du 18/04/2012

(54) Lifting apparatus.
(72) BECK, Leigh;
BOSWORTH, Philip;
WOOD, Eddie.

(73) Helix Energy Solutions (U.K.) Limited (GB)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) A lifting method comprising supporting a payload (20) using a first lifting apparatus (18); and activating an emergency lifting apparatus (14) to raise the payload (20) a predetermined distance in response to an emergency signal. The emergency lifting apparatus (14) is configured to be activated to lift the payload (20) a predetermined distance in response to an emergency activation signal. The method and apparatus (14) are particularly useful in the event of a failure of the first lifting apparatus (18): the emergency lifting apparatus (14) may be activated to lift the payload (20) a relatively small distance sufficient to clear adjacent structures. This may be particularly advantageous in offshore operations,

where the first lifting apparatus is supported on a floating vessel (10) which will experience heave.

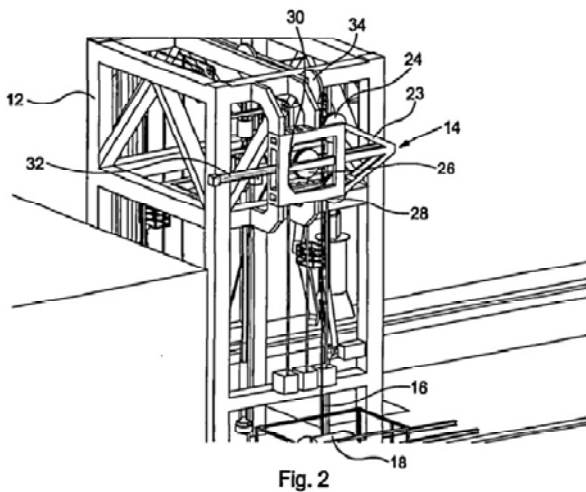


Fig. 2

[Consulter le mémoire](#)

(11) **17172**

(51) G11B 5/00 (06.01)

(21) 1201400488

(22) 21.10.2014

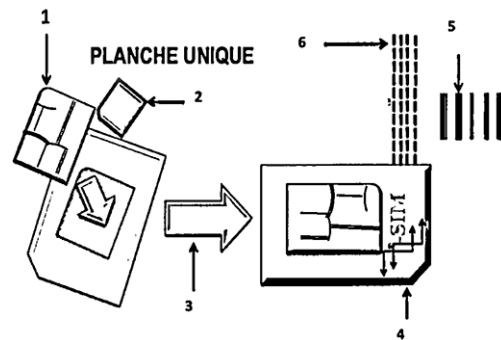
(54) Carte SIM pour les transactions électroniques.

(72) M. MEITE Ousmane.

(73) M. MEITE Ousmane, 31 B.P. 450, ABIDJAN 31 (CI).

(57) L'invention est une carte SIM qui comprend un décodeur et récepteur hertziens (1), d'une carte mémoire (2), d'un numéro en mode code barre (5) sur écran GSM. La carte SIM permet d'obtenir un pré-abonnement via E-SIM money et est créé pour faire des transactions de valeurs électroniques et vocales virtuelles avec des systèmes de change de devises et conversion de valeurs en mode crédit et débit d'un numéro SIM a un autre fixe ou mobile et permet de récupérer un transfert partir par erreur sur un autre numéro en bloquant ce numéro de toute opération pendant l'opération de récupération à partir d'un variable USSD. Aussi, permet d'afficher son numéro de téléphone en mode code barre (5) sur un écran GSM pour les paiements par lecteur code barre en confirmant la transaction par son code secret. Encore, elle est dotée d'une capacité de stockage terra (1000 Giga-octets) grâce à une carte mémoire intégrée (5) ainsi qu'un micro circuit décodeur satellitaire pour recevoir des

images satellitaires et stabilise l'internet sur un mobile.



[Consulter le mémoire](#)

(11) **17173**

(51) H03K 3/00 (06.01)

(21) 1201400489

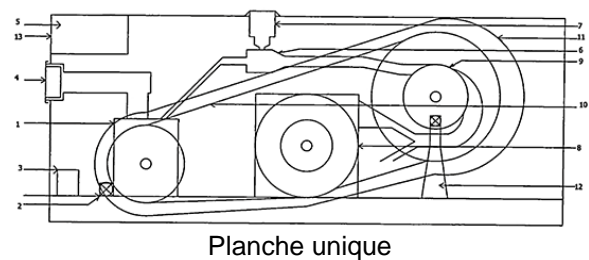
(22) 21.10.2014

(54) Le générateur pneumatique.

(72) M. AKAFFOU Akaffou Jacques Delon.

(73) M. AKAFFOU Akaffou Jacques Delon, 01 B.P. 7609, ABIDJAN 01 (CI).

(57) L'invention est un générateur composé d'un compresseur à came (1); d'un démarreur (2); d'une batterie (3) pour la mise en service du démarreur, d'un filtre à air (4); d'un tableau de contrôle (5), d'un receveur (6), d'un décompresseur (7), d'un alternateur (8), d'une turbine (9), d'une chaîne de distribution (10). Le générateur pneumatique transforme l'énergie de pression de l'air en énergie électrique.



[Consulter le mémoire](#)

(11) **17174**

(51) H04L 29/06 (06.01)

(21) 1201400493 - PCT/CN13/075929

(22) 20.05.2013

(30) CN n° 201210204568.6 du 20/06/2012

(54) Method, system, and apparatus for exchanging data between client devices.

(72) HUANG, Tieming.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Systems and methods for exchanging data between two client devices are disclosed. A method includes, at a computer system, obtaining, from a first client device, a first data acquisition request, wherein the first data acquisition request includes (i) a device identifier identifying a second client device distinct from the first client device, and (ii) a search parameter identifier; and identifying the second client device, from a plurality of client devices, in accordance with the device identifier. In some implementations, a method further includes, issuing a second data acquisition request to the second device, the second data acquisition request including the search parameter identifier; obtaining, from the second client device, a search parameter associated with the search parameter identifier; obtaining one or more search results associated with the search parameter; and providing at least one search result in the one or more search result to the first client device for display to a user of the first client device.

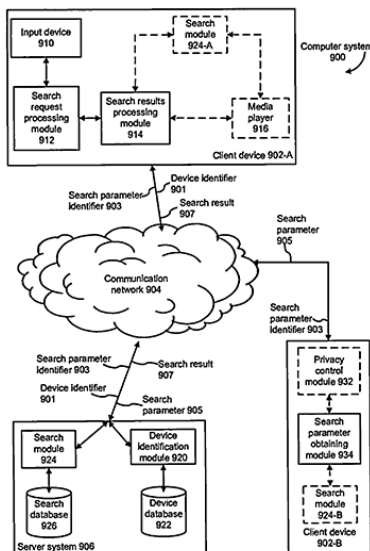


Fig. 9

[Consulter le mémoire](#)

(11) **17175**

(51) A61N 5/10 (06.01)

(21) 1201400496 - PCT/EP13/059031

(22) 30.04.2013

(30) DE n° 10 2012104058.3 du 09/05/2012

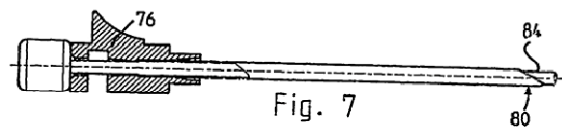
(54) Cannula comprising a stylet unit arranged in a displaceable manner.

(72) HAINDL Hans.

(73) SFM MEDICAL DEVICES GmbH (DE)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) The application relates to a cannula (78) comprising a bevelled cannula tip (80) at the distal end and a cannula holder (16) holding the cannula (78) at the proximal end, as well as a stylet unit (82), which can be displaced from a starting position to an end position in the cannula (78), wherein the cannula (78) is particularly intended to deposit at least one element (18, 20) in a body. According to the invention, in order to ensure simple and reliable protection of the cannula tip as well as a locking of the stylet unit in the end position, the distal end (84) of the stylet unit protrudes a distance (A) beyond the cannula tip (80) in the end position and the stylet unit (82) is fixed in the end position while simultaneously covering the bevelled cannula tip (80).



[Consulter le mémoire](#)

(11) **17176**

(51) F16M 3/00 (06.01)

(21) 1201400490

(22) 20.10.2014

(54) Le compresseur à came.

(72) M. AKAFFOU Akaffou Jacques Delon.

(73) M. AKAFFOU Akaffou Jacques Delon, 01 B.P. 7609, ABIDJAN 01 (CI).

(57) L'invention est un compresseur composé d'un piston (1); d'une tête de came (2); d'une came (4); d'un bras de bielle (5); d'une queue de la bielle (6); d'un roulement du bras logé dans la

queue de la bielle (7); d'un roulement du bras logé dans la came (8) ; d'une pompe de charge (9); d'une soupape d'admission (10); d'une soupape d'échappement (11); d'un ressort de compression (13). Le compresseur possède un arbre à came et un piston (1) fixé avec la bielle (5) qui est une tige rigide, articulée à ses deux extrémités et destinée à la transmission du mouvement entre deux pièces mobiles.

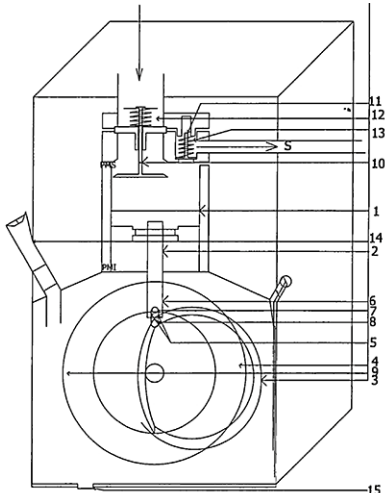


Fig. 1

[Consulter le mémoire](#)

(11) **17177**

(51) H04L 29/06 (06.01)

(21) 1201400503 - PCT/CN13/073853

(22) 08.04.2013

(30) CN n° 201210150076.3 du 15/05/2012

(54) Relationship circle processing method and system, and computer storage medium.

(72) LI, Yuhuang;

LIU, Yuewen;

HE, Peng;

MAI, Junming;

CHEN, Chuan;

CHEN, Weihua.

(73) Tencent Technology (Shenzhen) Company Limited (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Disclosed are a method, system and computer storage medium for processing relationship circle. The method includes: acquiring subgroups from a relationship circle (S10); extracting subgroup attributes shared between members of the relationship circle from the subgroups (S30); obtaining at least one recognition result from the subgroup attributes shared between members of the relationship circle; and mapping the at least one recognition result to the relationship circle (S50). The system includes: a subgroup acquisition module (10), configured to acquire subgroups within a relationship circle; an extraction module (30), configured to extract subgroup attributes shared between members of the relationship circle from the subgroups; and a mapping module (50), configured to obtain at least one recognition result by analyzing the subgroup attributes shared between members of the relationship circle and map the at least one attribute recognition result to the relationship circle. Through the above solutions dynamic relationship circle mapping can be implemented.

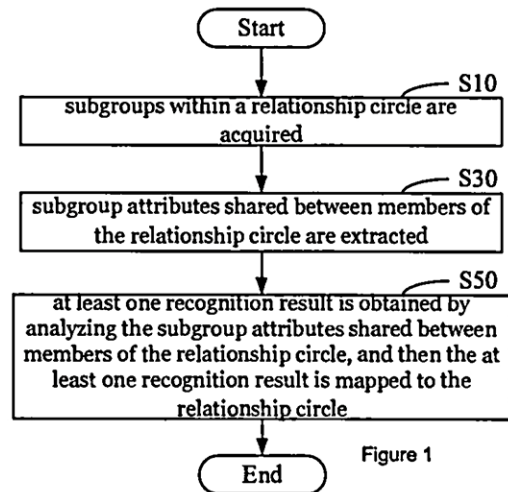


Figure 1

[Consulter le mémoire](#)

(11) **17178**

(51) A01N 25/04; A01N 25/34; A01N 25/18
A01N 53/00; A01N 25/20

(21) 1201400506 - PCT/EP13/059917

(22) 14.05.2013

(30) EP n° 12168250.4 du 16/05/2012

(54) Insecticidal water-in-oil (W/O) formulation.

(72) KIJLSTRA, Johan;
AKLE, Francois;
BERNI, José;
HEINRICH, Jean-Luc.

(73) Bayer CropScience AG (DE)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The invention relates to an insecticidal water-in-oil (W/O) formulation, comprising at least one insecticidal active ingredient and at least one burning salt, and the production of said formulation. The formulation according to the invention is suitable in particular for treating suitable carrier materials, in particular paper carriers, in an economical single-step process by means of conventional application methods. The present invention further relates to insecticidal products that can smolder, which are produced by treating a carrier material with the formulation according to the invention.

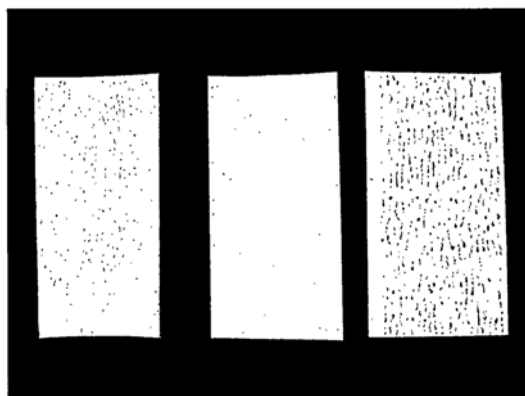


Fig. 1

[Consulter le mémoire](#)

(11) **17179**

(51) E05C 19/00 (06.01)

(21) 1201400507 - PCT/GR13/000021

(22) 18.04.2013

(30) GR n° 20120100259 du 14/05/2012

(54) Inviolable opening frames system.

(72) Zafeiropoulos, Grigorios.

(73) Zafeiropoulos, Grigorios (GR)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) By the invention it is possible for a hinged opening frames system (glazing and shutter), to be constructed, having a sash profile (1) with a groove (2) as shown in Figures 4 & 5 and a basic frame's profile (3) with a groove (4), where eventually the locking profile (5), which is initially placed into the groove (2) of the sash profile (1), being pushed out, enters the groove (4) of the basic frame's profile (3), so that the sash's (1) movable framework secures and literally embodies with the basic frame's (3) stable framework, in a way that makes the whole frame completely inviolable. The main motion's transmission accessory (9) is adjusted to the frame's cremone, which by being rotated, transmits motion to the drive belt (12), as shown in Figure 7, which moves the accessories (7), which push out the locking profiles (5), which in turn enter circumferentially into the groove (4) of the framework assembled by the basic frame's profile (3).

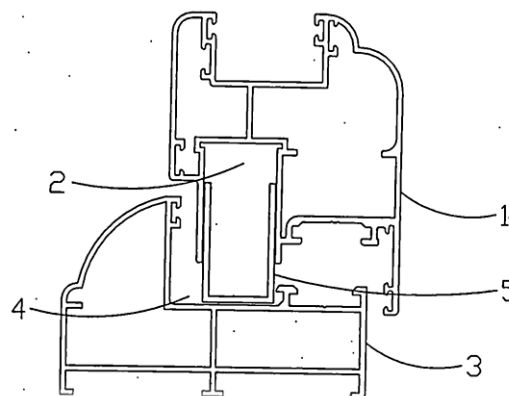


Figure 5

[Consulter le mémoire](#)

(11) **17180**

(51) E21B 13/00 (06.01)

(21) 1201400508 - PCT/US13/040020

(22) 08.05.2013

(30) US n° 13/472,210 du 15/05/2012

(54) Quick disconnect system.

(72) MCKEE, L. Michael;

WILSON Matthew E.;

SHEN, Christopher.

(73) PRAD Research and Development Limited (VG)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2^e Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A technique is presented for simultaneously releasing a plurality of control lines, and in particular to facilitate an oilfield operation with respect to a subsea wellbore. A hose reel or a plurality of hose reels may be mounted on a skid which, in turn, may be positioned on a vessel that works in cooperation with an offshore platform. Each hose reel is designed to engage a hose bundle via a release mechanism which releasably couples a plurality of control lines carried by the hose bundle. The release mechanism comprises a primary release and a secondary release to selectively enable disconnection of the control lines and release of the hose bundle from the skid.

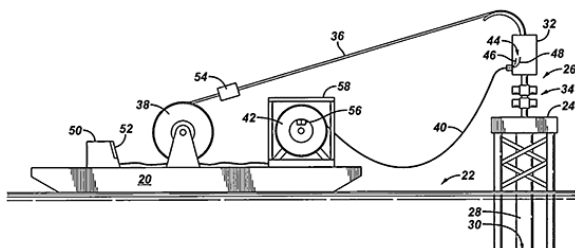


Fig. 1

[Consulter le mémoire](#)

(11) **17181**

(51) C12P 5/02; C02F 11/04; B09B 3/00

(21) 1201400530 - PCT/DK13/050194

(22) 12.06.2013

(30) US n° 61/658,419 du 12/06/2012

(54) Methods and compositions for biomethane production.

(72) JENSEN, Jacob Wagner;
RONSCH, Georg Ornskov;
ANTONSEN, Sebastian Buch.

(73) Renescience A/S (DK)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre

Commercial de l'Hôtel Hilton, 2^e Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) Methods of processing municipal solid wastes (MSW) are provided whereby concurrent enzymatic hydrolysis and microbial fermentation of wastes results in liquefaction of biodegradable components as well as accumulation of microbial metabolites. Liquefied biodegradable components are then separated from nondegradable solids to produce a bioliquid characterized in comprising a large percentage of dissolved solids of which a large fraction comprises some combination of acetate, ethanol, butyrate, lactate, formate or propionate. This bioliquid is, itself, a novel biomethane substrate composition, which permits very rapid conversion to biomethane. Methods of biomethane production are further provided using this bioliquid and using other biomethane substrate compositions produced by concurrent enzymatic hydrolysis and microbial fermentation of organic materials.

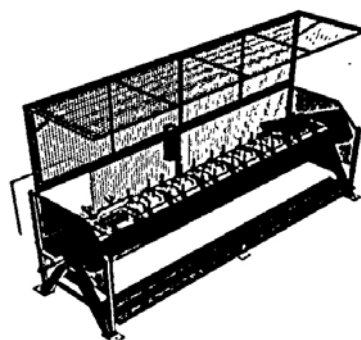


Figure 3. Graphical presentation of the REnescience test-reactor.

[Consulter le mémoire](#)

(11) **17182**

(51) C07K 16/28; A61K 39/395; A61P 29/00

(21) 1201400535 - PCT/IB13/054688

(22) 07.06.2013

(30) US n° 61/657,184 du 08/06/2012

(54) Humanized anti-TrkA antibodies with amino acid substitutions.

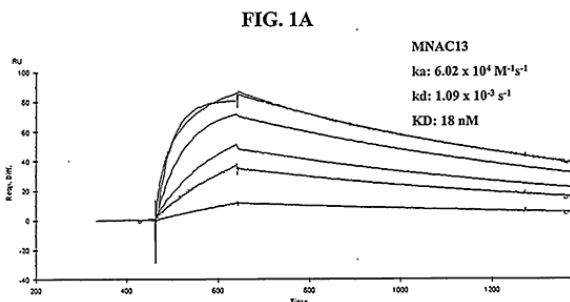
(72) BLEIN, Stanislas;
OLLIER, Romain;
SKEGRO, Darko.

(73) Glenmark Pharmaceuticals S.A. (CH)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre

Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present invention relates to antibodies directed against TrkA receptor and their uses, including humanized anti-TrkA antibodies. More specifically, the present invention relates to humanized anti-TrkA antibodies with enhanced inhibitory properties comprising a heavy chain variable region, a light chain variable region, a human light chain constant region and a variant human IgG4 heavy chain constant region which exhibit altered exchange properties.



[Consulter le mémoire](#)

(11) **17183**

(51) E21B 47/14; E21B 43/26

(21) 1201400536

(22) 08.12.2014

(30) US n° 14/103152 du 11/12/2013

(54) Methods for minimizing overdisplacement of proppant in fracture treatments.

(72) LECERF, Bruno;

KRAEMER, Chad;

POPE, Timothy L.;

WILLBERG, Dean M.;

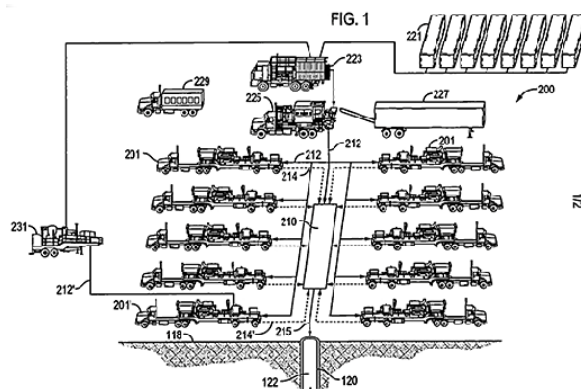
USOVA, Zinaida.

(73) PRAD Research and Development Limited (VG)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) A method of treating a subterranean formation includes generating a fracture in the subterranean formation, introducing a predetermined amount of proppant into a treatment fluid, and subsequently introducing a plugging agent into the treatment fluid before the

entire predetermined amount of proppant reaches the fracture, minimizing overdisplacement of the proppant from the fracture.



[Consulter le mémoire](#)

(11) **17184**

(51) C25C 3/08; C25C 3/12; C25C 3/18

(21) 1201400537 - PCT/CN13/076440

(22) 30.05.2013

(30) CN n° 201210188436.9 du 11/06/2012

(54) Electrolysis tank used for aluminum electrolysis and electrolysis process using the electrolyzer.

(72) SUN, Songtao;

FANG, Yulin.

(73) Inner Mongolia United Industrial Co., Ltd. (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present invention discloses an electrolytic cell for aluminum electrolysis, comprising a cell body, wherein an anode and a cathode are arranged inside the cell body, the cell body is further filled with an electrolyte, and at least a part of the anode is immersed in the electrolyte; the anode is arranged above the cell body, the cathode is arranged at the bottom of the electrolytic cell and is covered by a certain amount of aluminum liquid, the electrolyte is located between the anode and the cathode and covers the aluminum liquid, and an insulating layer is arranged on the inner sidewall of the cell body and is used for isolating oxygen or the electrolyte from a carbon block. The electrolytic cell for aluminum electrolysis is characterized in that the anode contains the components including

Fe, Cu Ni and Sn, wherein Fe and Cu serve as primary components; and the electrolyte is composed of 30-38wt% of NaF to AlF_3 , 1-5wt% of LiF, 1-6wt% of KF and 3-6wt% of Al_2O_3 , wherein the molar ratio of NaF to AlF_3 is 1.0-1.52. The electrolytic cell can be used for preparing industrial electrolytic aluminum.

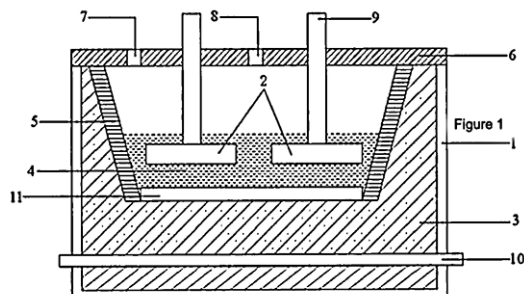


Fig. 1

[Consulter le mémoire](#)

- (11) **17185**
 (51) C25C 3/18
 (21) 1201400538 - PCT/CN13/076442
 (22) 30.05.2013
 (30) CN n° 201210188422.7 du 11/06/2012;
 CN n° 201310024018.0 du 23/01/2013
 (54) Electrolyte used for aluminum electrolysis and electrolysis process using the electrolyte.
 (72) SUN, Songtao;
 FANG, Yulin.
 (73) Inner Mongolia United Industrial Co., Ltd. (CN)
 (74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).
 (57) The present invention relates to an electrolyte used for aluminum electrolysis and an electrolysis process using the electrolyte. The electrolyte of the present invention employs a pure fluoride salt system and consists of the following mass percent of constituents: 20% to 29.9% of NaF, 60.1% to 66% of AlF_3 , 3% to 10% of LiF, 4% to 13.9% of KF, and 3% to 6% of Al_2O_3 , where the molar ratio of NaF to AlF_3 is between 0.6 and 0.995; or consists of the following mass percent of constituents: 30% to 38% of NaF, 49% to 60% of AlF_3 , 1% to 5% of

LiF, 1% to 6% of KF, and 3% to 6% of Al_2O_3 , where the molar ratio of NaF to AlF_3 is between 1.0 and 1.52. The electrolyte provided in the present invention is provided with a reduced primary crystallization temperature and improved solubility of aluminum oxide, while the electrolyte is provided with an increased electric conductivity. The electrolyte of the present invention provides improved effects of reduced energy consumption, increased current efficiency, and improved working environment during the electrolysis process.

[Consulter le mémoire](#)

- (11) **17186**
 (51) C25C 3/12
 (21) 1201400539 - PCT/CN13/076441
 (22) 30.05.2013
 (30) CN n° 201210188424.6 du 11/06/2012;
 CN n° 201310024019.5 du 23/01/2013
 (54) Inert alloy anode used for aluminum electrolysis and preparation method therefor.
 (72) SUN, Songtao;
 FANG, Yulin.
 (73) Inner Mongolia United Industrial Co., Ltd. (CN)
 (74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).
 (57) An inert alloy anode used for aluminum electrolysis. The anode has Fe and Cu as the main constituents and comprises Sn. The addition of the Sn metal is conducive to the formation of a layer of oxidized film having a great antioxidant activity and structural stability on the surface of the inert alloy anode, and is conducive to an increase in the corrosion resistance of the anode. On this basis, the constituents of the inert alloy anode also comprise Ni, Al, and Y. The addition of the Al metal prevents the main metal constituents from being oxidized, the addition of the Y metal controls the alloy to provide a required polymorph in a preparation process, thus achieving the goal of anti-oxidation. The inert alloy anode having Fe and Cu as the main constituents has a low over-voltage, high electric conductivity, and reduced

costs, and is applicable in the aluminum electrolysis industry.

[Consulter le mémoire](#)

(11) **17187**

(51) C03C 25/20

(21) 1201400543 - PCT/CN13/077327

(22) 17.06.2013

(30) CN n° 201210200664.3 du 18/06/2012

(54) Method and device for automatically controlling temperature of optical fiber coatings in wiredrawing process.

(72) XIANG, Decheng;

ZHANG Huaming;

HE, Qinguo;

QIAN, Xinwei;

WANG, Ruichun;

CHEN, Gang.

(73) Yangtze Optical Fibre and Cable Joint Stock Limited Company (CN)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present application relates to a method and an apparatus for automatically controlling the temperature of optical fiber coating in a wiredrawing process. The apparatus comprises an optical fiber coating device (4), wherein a coating chamber of the optical fiber coating device (4) is communicated with a charging bucket by a charging pipeline. The apparatus is characterized in that the charging pipeline is externally provided with a controllable heater (6) which is used for heating the coatings in the charging pipeline, the charging pipeline is also provided with a processing control unit which is used for comparing an acquired wiredrawing speed sensing signal and a charging pipeline temperature sensing signal with a preset parameter numerical value, so as to control the heating process of the controllable heater (6), so that the automatic controlling and adjusting process of the temperature of the coatings in the optical fiber coating device can be realized. According to the apparatus and the method, the temperature of the coatings in an optical fiber coating wiredrawing process can be automatically changed along with the wiredrawing speed, so

that the temperature or the viscosity of the coatings can be well matched with the wiredrawing speed, and thus the quality of a coating layer on the surface of the optical fiber can be guaranteed, and the machining yield of the optical fiber can be improved.

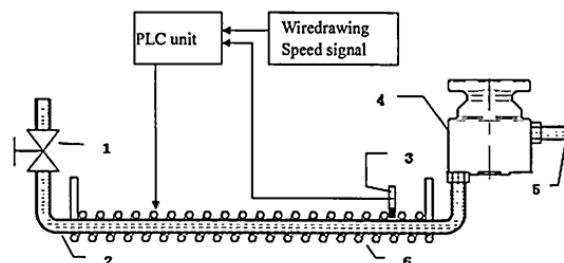


Fig. 1

[Consulter le mémoire](#)

(11) **17188**

(51) C25D 5/04

(21) 1201400546 - PCT/JP13/067194

(22) 24.06.2013

(30) JP n° 2012-148476 du 02/07/2012

(54) Electroplating device.

(72) Ishii, Kazuya;

Kimoto, Masanari;

Yamamoto, Tatsuya.

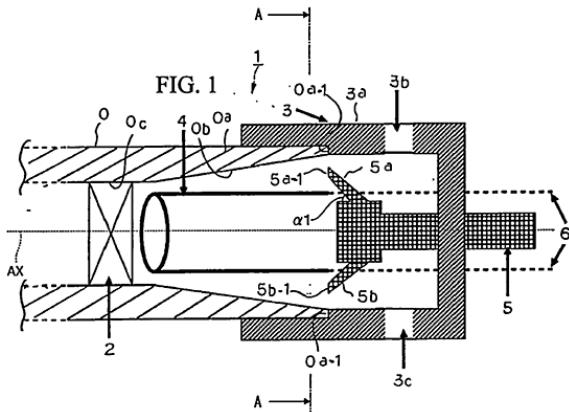
(73) Nippon Steel & Sumitomo Metal Corporation (JP)

Vallourec Oil and Gas France (FR).

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) An electro plating device includes a pipe inside seal mechanism which occludes an inner channel of a steel pipe, a tubular insoluble electrode which is disposed in a pipe end so as to be opposite to a female screw, a plating solution feed mechanism which includes a plurality of nozzles which extend radially with a pipe axis of the steel pipe as a center, and a pipe end seal mechanism which accommodates the nozzles there inside and is mounted to the pipe end, when viewed in the pipe axial direction, a tip of each of the nozzles is positioned between the female screw and the insoluble electrode, and each of the

nozzles injects the plating solution toward a direction which intersects an extension direction of the nozzle, the direction being a rotational direction of a clockwise direction or a counterclockwise direction in which the pipe axis is the center.



[Consulter le mémoire](#)

(11) **17189**

(51) C12P 7/06; C12P 7/08; C12P 7/10

(21) 1201400550

(22) 16.12.2014

(54) Bioéthanol à partir d'une plante non comestible "Chromolaëna odorata" et son procédé d'obtention.

(72) Madame EYENGA ONDO Berthe Ariane;

Messieur MEVA'A MEVA'A Georges Ruphin;

Messieur AYISSI Zacharie Merlin.

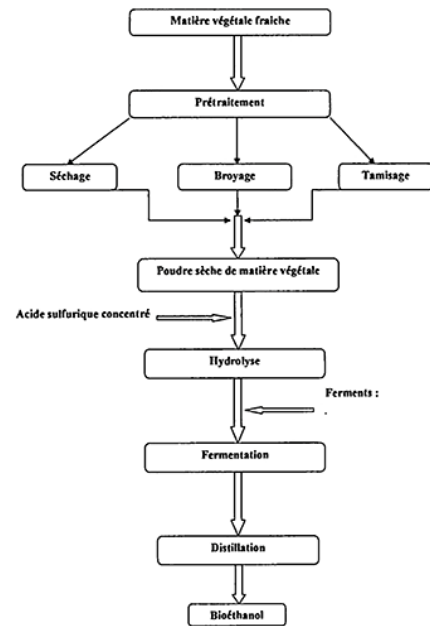
(73) Madame EYENGA ONDO Berthe Ariane, B.P. 12259, YAOUNDE (CM)

Messieur MEVA'A MEVA'A Georges Ruphin, B.P. 12259, YAOUNDE (CM)

Messieur AYISSI Zacharie Merlin, B.P. 12259, YAOUNDE (CM).

(57) La présente invention porte sur la production du bioéthanol à partir d'une plante non comestible chromolaëna odorata qui va révolutionner le monde des industries en produisant un solvant industriel et un biocarburant, et à partir du bioéthanol élaboré, nous obtiendrons d'autres produits comme l'alcool de pharmacie, l'eau de Cologne pour bébé, produit pour esthétique, parfum, peinture industrielle, biocarburant,

matières plastiques. La procédure d'élaboration de ce bioéthanol consiste à un prétraitement mécanique, une hydrolyse, une fermentation, une distillation, une déshydratation et une rectification.



[Consulter le mémoire](#)

(11) **17190**

(51) A61K 9/00; A61P 29/00; A61K 31/167

(21) 1201400553 - PCT/IB13/055277

(22) 27.06.2013

(30) IT n° MI2012A001154 du 29/06/2012

(54) Injectable supersaturated acetaminophen solution for spinal administration.

(72) MITIDIERI Augusto;

DONATI, Elisabetta;

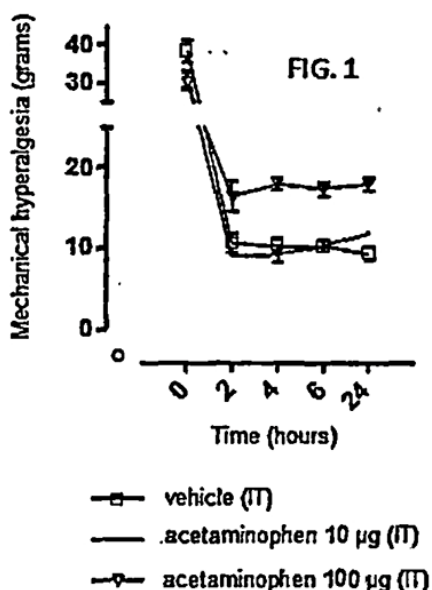
CARONZOLO, Nicola.

(73) SINTETICA S.A. (CH)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) The present invention relates to an acetaminophen injectable aqueous solution for use in the treatment or in the prevention of pain by spinal administration, wherein said acetaminophen injectable solution is supersaturated. In certain embodiments, the

acetaminophen injectable aqueous solution is administered simultaneously, separately or sequentially with a local anaesthetic by spinal administration.



[Consulter le mémoire](#)

(11) **17191**

(51) C12P 19/02

(21) 1201400554 - PCT/US13/049265

(22) 03.07.2013

(30) US n° 61/667,481 du 03/07/2012

(54) Conversion of biomass.

(72) COOPER Christopher;

MEDOFF, Marshall;

KHAN Jihan;

MASTERMAN, Thomas, Craig.

(73) XYLECO, INC. (US)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) Biomass feedstocks (e.g., plant biomass, animal biomass, and municipal waste biomass) are processed to produce useful products, such

as fuels. For example, systems are described that can convert feedstock materials to a sugar solution, which can then be chemically converted to furfural and furfural-derived products.

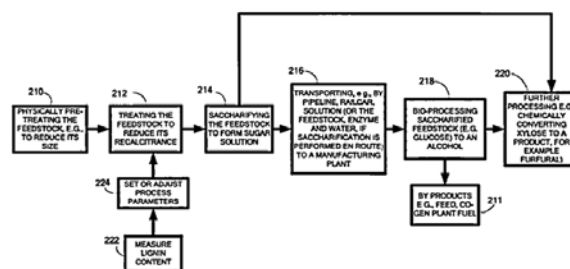


Fig. 5

[Consulter le mémoire](#)

(11) **17192**

(51) B65D 30/08; B65D 33/12; B65D 77/04

(21) 1201400556

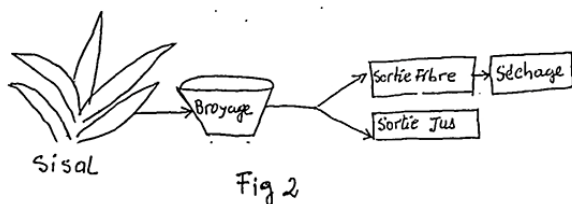
(22) 18.12.2014

(54) Sacs pour conditionnement des produits agricoles à partir de la fibre végétale du Sisal et leurs procédés de fabrication.

(72) Madame ENADA LEKA Lucie Chantale.

(73) Madame ENADA LEKA Lucie Chantale, S/C AMANA II B.P. 15 829, YAOUNDE (CM).

(57) L'invention a trait aux procédés de production de la fibre végétale à base du Sisal et de la production des sacs pour le conditionnement des produits agricoles à base de la même fibre. L'obtention de la fibre selon l'invention obéit à deux procédés : la méthode par immersion et la méthode mécanique. La fibre de Sisal est plus résistante et rentre dans plusieurs applications industrielles contrairement à la fibre de jute qui n'est pas résistante. Le procédé pour la réalisation des sacs par tissage est fait sur un métier non conventionnel équipé d'un mécanisme à commande des cordes de trame et de chaîne qui permettent de tisser un tissu (toile) simple constitué de deux nappes espacées l'une à l'autre par entrecroisement respectif des cordes de chaîne et de trame qui les composent, et étant liées par intermittence et à espaces déterminés sur toute leur largeur également par entrecroisement respectif des cordes de trame et de chaîne qui la composent.



[Consulter le mémoire](#)

(11) **17193**

(51) A61K 31/519; A61P 35/00; C07D 417/04
C07D 495/04

(21) 1201400559

(22) 18.12.2014

(30) FR n° 13/63500 du 23/12/2013

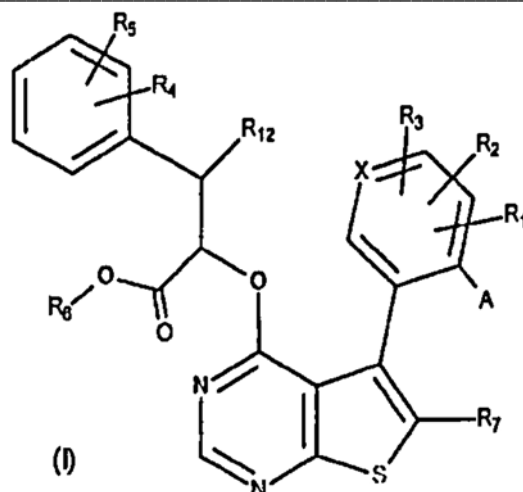
(54) New thienopyrimidine derivatives, a process for their preparation and pharmaceutical compositions containing them.

(72) Andràs KOTSCHY;
Zoltàn SZLAVIK;
Màrton CSEKEI;
Attila PACZAL;
Zoltàn SZABO;
Szabolcs SIPOS;
Gàbor RADICS;
Agnes PROSZENYAK;
Balàzs BALINT;
Alain BRUNO;
Olivier GENESTE;
James Edward Paul DAVIDSON;
James Brooke MURRAY;
I-Jen CHEN;
Françoise PERRON-SIERRA.

(73) LES LABORATOIRES SERVIER (FR)
VERNALIS (R&D) Ltd. (GB)

(74) Cabinet EKANI-CONSEILS, B.P. 5852,
YAOUNDE (CM).

(57) Compounds of formula (I):



wherein R₁, R₂, R₃, R₄, R₅, R₆, R₇, R₁₂, X, A and n are as defined in the description. Medicaments.

[Consulter le mémoire](#)

(11) **17194**

(51) C07D 215/227; A61K 31/4704
C07D 413/12; A61P 1/04

(21) 1201400565 - PCT/KR13/005622

(22) 26.06.2013

(30) KR n° 10-2012-0068394 du 26/06/2012

(54) Novel rebamipide prodrug, method for producing same, and usage thereof.

(72) CHOI Sung Ju;
LEE Sung Woo;
SHIN Hee Jong;
KWON Ho Seok;
LEE Jae Woong;
JOO Jeong Ho;
KIM Hyun Tae;
SONG Woo-Heon;
CHO Eui-Hwan;
YOON Jong Bae;
PARK Ki Seok;
PARK Ho Joon;
NAM Ho Tae.

(73) Samjin Pharmaceutical Co., Ltd. (KR)
Astech. Co., Ltd. (KR)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL,
B.P. 6370, YAOUNDE (CM).

(57) Disclosed are a novel rebamipide prodrug, a method for preparing the same, and use thereof. Also, a pharmaceutical composition comprising the novel rebamipide prodrug as an active ingredient is provided. The rebamipide prodrug is increased 25-fold in absorption rate compared to rebamipide itself, and can be applied to the prophylaxis or therapy of gastric ulcer, acute gastritis, chronic gastritis, xerophthalmia, cancer, osteoarthritis, rheumatoid arthritis, or obesity.

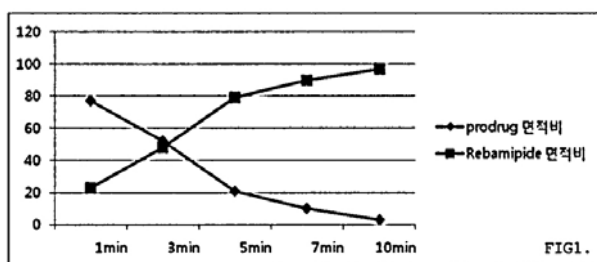


Fig. 1

[Consulter le mémoire](#)

(11) **17195**

(51) C07D 487/04; A61K 31/519; A61P 33/00

(21) 1201400571 - PCT/EP13/063065

(22) 21.06.2013

(30) FR n° 12559258 du 22/06/2012

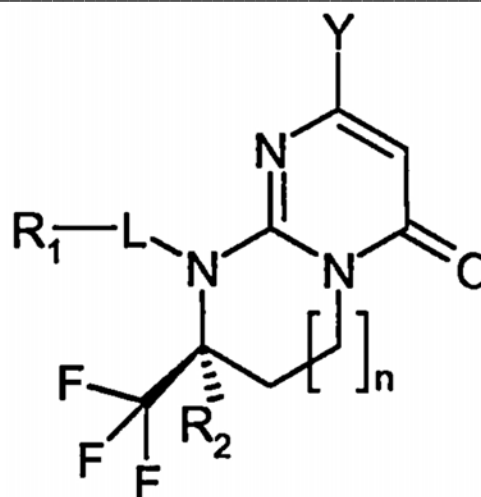
(54) Pyrimidinone derivatives as antimalarial agents.

(72) EL-AHMAD Youssef;
FILOCHE-ROMME Bruno;
GANZHORM Axel;
MARCINIAK Gilbert;
MUZET Nicolas;
RONAN Baptiste;
VIVET Bertrand;
ZERR Véronique.

(73) SANOFI (FR)

(74) Cabinet CAZENAVE SARL, B.P. 500,
YAOUNDE (CM).

(57) The invention relates to novel pyrimidinone-based heterocyclic compounds which are parasite growth inhibitors, having the general formula (I)



in which Y is a morpholine chosen from three bridged morpholines, L is a bond or a linker, n = 0 or 1 and R₂ is a methyl group when n = 0 and a hydrogen atom when n = 1. Process for the preparation thereof and therapeutic use thereof.

[Consulter le mémoire](#)

(11) **17196**

(51) C07D 491/18; A61K 31/4995; A61P 31/14

(21) 1201400575 - PCT/US13/049119

(22) 02.07.2013

(30) US n° 61/667,806 du 03/07/2012
US n° 61/798,524 du 15/03/2013

(54) Inhibitors of hepatitis C virus.

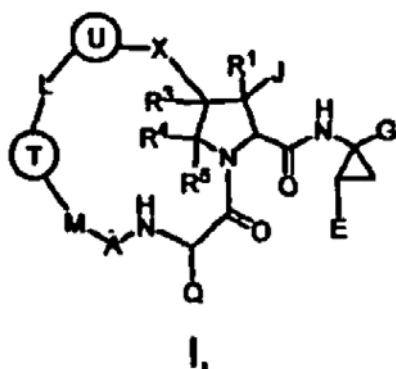
(72) BJORNSON Kyla;
CANALES Eda;
COTTELL Jeromy J.;
KARKI Kapil Kumar;
KATANA Ashley Anne;
KATO Darryl;
KOBAYASHI Tetsuya;
LINK John O.;
MARTINEZ Ruben;
PHILLIPS Barton W.;
PYUN Hyung-Jung;
SANGI Michael;
SCHRIER Adam James;
SIEGEL Dustin;
TAYLOR James G.;

TRAN Chinh Viet;
 TREJO MARTIN Teresa Alejandra;
 VIVIAN Randall W.;
 YANG Zheng-Yu;
 ZABLOCKI Jeff;
 ZIPFEL Sheila.

(73) GILEAD SCIENCES, INC., 333 Lakeside Drive, FOSTER CITY, CA 94404 (US)

(74) GAD CONSULTANTS, P.O. Box 13448, YAOUNDE (CM).

(57) Compounds of formula (I)



are disclosed. As well as pharmaceutically acceptable salts thereof. Methods of using said compounds and pharmaceutical compositions containing said compounds are also disclosed.

[Consulter le mémoire](#)

(11) **17197**

(51) C12P 7/10; D21C 3/04; D21C 1/04

(21) 1201400577 - PCT/DK13/050256

(22) 01.08.2013

(30) UA n° PA 2012 70461 du 01/08/2012

US n° 61/678,130 du 01/08/2012

(54) Methods of processing lignocellulosic biomass using single-stage autohydrolysis and enzymatic hydrolysis with C5 bypass and post-hydrolysis.

(72) LARSEN, Jan;
 NIELSEN POULSEN, Niels;
 JEPPESEN, Martin Dan;
 MOGENSEN, Kit Kellebjerg .

(73) Inbicon A/S (DK)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The invention relates, in general, to methods of processing lignocellulosic biomass to fermentable sugars and to methods that rely on hydrothermal pretreatment. In particular, the invention relates to a method of processing lignocellulosic biomass comprising: providing soft lignocellulosic biomass feedstock, pretreatment of the feedstock in a single-stage pressurized hydrothermal pretreatment to very low severity, separation of the pretreated biomass into an solid fraction and a liquid fraction, hydrolyzing the solid fraction using enzymatic hydrolysis catalysed by an enzyme mixture, and subsequently mixing the separated liquid fraction and the hydrolysed solid fraction, whereby xylo-oligomers in the liquid fraction are degraded to xylose monomers.

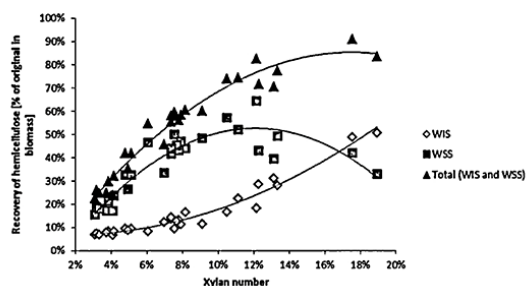


Figure 2. Recovery of original hemicellulose sugars from wheat straw after pretreatment expressed as water insoluble solids (WIS) and water soluble solids (WSS) as a function of Xylan number.

Fig. 2

[Consulter le mémoire](#)

(11) **17198**

(51) E21B 43/34; C09K 8/035

(21) 1201500042 - PCT/US13/053896

(22) 07.08.2013

(30) US n° 61/681 232 du 09/08/2012

(54) Process for producing and separating oil.

(72) JANSSEN Albert Joseph Hendrik;
 SUIJKERBUIJK Bartholomeus Marinus Josephus Maria.

(73) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. (NL)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) The present invention is directed to a process for producing and separating oil. An aqueous fluid having an ionic content of at most 0.15M and a total dissolved solids content of from 200 ppm to 10,000 ppm is introduced into an oil-bearing formation. Oil and water are produced from the formation subsequent to the introduction of the aqueous fluid into the formation. A demulsifier and a brine solution having a total dissolved solids content of greater than 10,000 ppm are mixed with the oil and water produced from the formation. Oil is then separated from the mixture of oil, water, demulsifier, and brine solution.

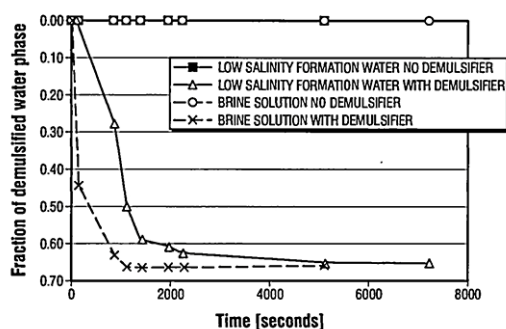


Fig. 12

[Consulter le mémoire](#)

(11) **17199**

(51) A61K 31/18; A61K 31/44; C07D 309/14
C07D 233/42; C07C 311/16; C07D 277/16
A61P 31/20

(21) 1201500046 - PCT/EP13/067829

(22) 28.08.2013

(30) EP n° 12182076.5 du 28/08/2012

EP n° 12185055.6 du 19/09/2012

EP n° 12190837.0 du 31/10/2012

EP n° 13157230.7 du 28/02/2013

EP n° 13169574.4 du 28/05/2013

(54) Sulfamoyl-arylamides and the use thereof as medicaments for the treatment of hepatitis B.

(72) VANDYCK, Koen;

LAST, Stefaan Julien;

ROMBOUTS, Geert;

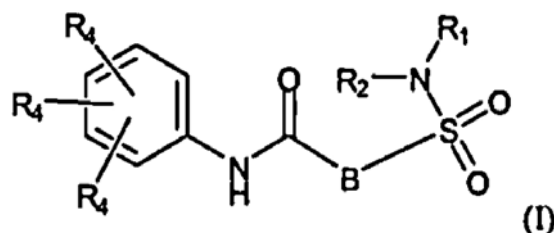
VERSCHUEREN, Wim Gaston;

RABOISSON, Pierre Jean-Marie Bernard.

(73) JANSSEN SCIENCES IRELAND UC (IE)

(74) SCP AKKUM, AKKUM & Associates,
Quartier Mballa II, Dragages, B.P. 4966,
YAOUNDE (CM).

(57) Sulfamoyl-arylamides and the use thereof as medicaments for the treatment of hepatitis B. Inhibitors of HBV replication of formula (I)



including stereochemically isomeric forms, and salts, hydrates, solvates thereof, wherein B, Ri, R2 and R4 have the meaning as defined herein. The present invention also relates to processes for preparing said compounds, pharmaceutical compositions containing them and their use, alone or in combination with other HBV inhibitors, in HBV therapy.

[Consulter le mémoire](#)

(11) **17200**

(51) C07D 309/14; C07D 231/14; C07D 333/46
C07D 295/26; A61K 31/18; A61K 31/351
A61P 31/20; A61P 1/18

(21) 1201500047 - PCT/EP13/067821

(22) 28.08.2013

(30) EP n° 12182076.5 du 28/08/2012

EP n° 12185055.6 du 19/09/2012

EP n° 12190837.0 du 31/10/2012

EP n° 13157230.7 du 28/02/2013

EP n° 13169574.4 du 28/05/2013

(54) Sulfamoyl-arylamides and the use thereof as medicaments for the treatment of hepatitis B.

(72) VANDYCK, Koen;

LAST, Stefaan Julien;

ROMBOUTS, Geert;

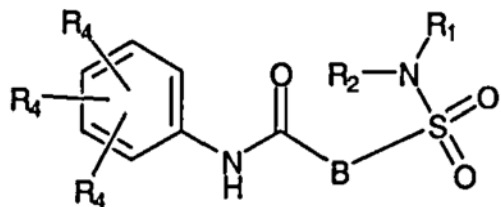
VERSCHUEREN, Wim Gaston;

RABOISSON, Pierre Jean-Marie Bernard.

(73) JANSSEN SCIENCES IRELAND UC (IE)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) Sulfamoyl-arylamides and the use thereof as medicaments for the treatment of hepatitis B. Inhibitors of HBV replicant of formula (I)



including stereochemically isomeric forms, and salts, hydrates, solvates thereof, 10 wherein B, R₁, R₂ and R₄ have the meaning as defined herein. The present invention also relates to processes for preparing said compounds, pharmaceutical compositions containing them and their use, alone or in combination with other HBV inhibitors, in HBV therapy.

[Consulter le mémoire](#)

(11) **17201**

(51) C07D 471/04; A61K 31/4745; A61P 31/12

(21) 1201500051 - PCT/EP13/067201

(22) 16.08.2013

(30) DE n° 10 2012 016 908.6 du 17/08/2012

(54) Tris(hetero)arylpzazoles and use thereof.

(72) WILDUM Steffen;

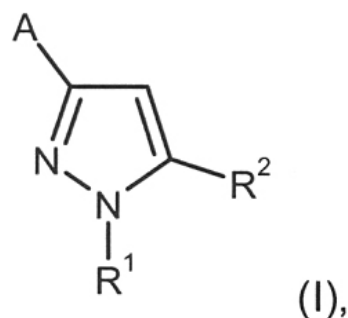
KLENKE Burkhard;

WENDT Astrid.

(73) AiCuris GmbH & Co. KG (DE)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) The present invention relates to novel tris(hetero)arylpzazoles, to processes for preparation thereof, to the use thereof for treatment and/or prophylaxis of diseases and to the use thereof for production of medicaments for treatment and/or prophylaxis of diseases, especially of retroviral disorders, in man and/or animals.



[Consulter le mémoire](#)

(11) **17202**

(51) C07D 235/02; C07D 401/06; C07D 403/04; A61K 31/4184; A61P 25/28

(21) 1201500052 - PCT/US13/056566

(22) 26.08.2013

(30) US n° 61/693,512 du 27/08/2012;

US n° 61/788,839 du 15/03/2013;

US n° 61/816,458 du 26/04/2013

(54) Inhibitors of beta-secretase.

(72) GROSS, Ulrike;

HEINE, Niklas;

JIA, Lanqi;

LALA, Deepak, S.;

MORALES-RAMOS, Angel;

SINGH, Suresh, B.;

SAUER, Achim;

VENKATRAMAN, Shankar;

XU, Zhenrong;

YUAN, Jing;

ZHAO, Yi;

ZHENG, Yajun;

BUKHTIYAROV, Yuri;

CACATIAN, Salvación;

DILLARD, Lawrence, Wayne;

DORNER-CIOSSEK;

FUCHS, Klaus.

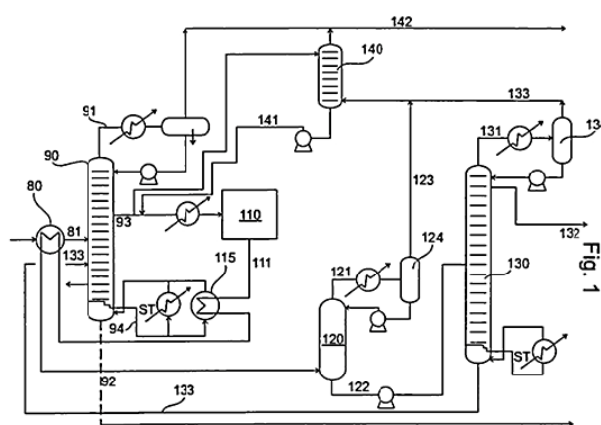
(73) BOEHRINGER INGELHEIM INTERNATIONAL GMBH (DE)

VITAE PHARMACEUTICALS, INC. (US)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57) The present invention relates to spirocyclic acylguanidines and their use as inhibitors of the B-secretase enzyme (BACE1) activity, pharmaceutical compositions containing the same, and methods of using the same as therapeutic agents in the treatment of neurodegenerative disorders, disorders characterized by cognitive decline, cognitive impairment, dementia and diseases characterized by production of B-amyloid aggregates.

[Consulter le mémoire](#)



[Consulter le mémoire](#)

(11) **17203**

(51) C07C 41/09; B01D 3/00; C07C 41/42 B01J 14/00

(21) 1201500053 - PCT/EP13/066977

(22) 14.08.2013

(30) EP n° PCT/EP2012/066253 du 21/08/2012

(54) Process for production of DME from crude methanol.

(72) DAHL, Juul Per;
OSTERGAARD, Janni.

(73) Haldor topsøe A/S (DK)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The invention provides a process for the production of purified dimethylether (DME). Methanol is dehydrated to provide a first DME-containing product. The first DME-containing product is purified in a two-stage process. The invention also provides an apparatus arranged to carry out said process.

(11) **17204**

(51) C09K 21/08

(21) 1201500059 - PCT/EP13/069026

(22) 13.09.2013

(30) EP n° 12185232.1 du 20/09/2012
EP n° 13157918.7 du 06/03/2013

(54) Use of biocides as flame retardants.

(72) VERMEER, Ronald;
HEPPERLE, Jens;
HORN, Karin.

(73) Bayer CropScience AG (DE)

(74) Cabinet Spoor & Fisher Inc. Ngwafor & Partners, Blvd. du 20 Mai, Immeuble Centre Commercial de l'Hôtel Hilton, 2è Etage, Porte 208A, B.P. 8211, YAOUNDE (CM).

(57) The present invention relates to the use of biocides as flame retardants.

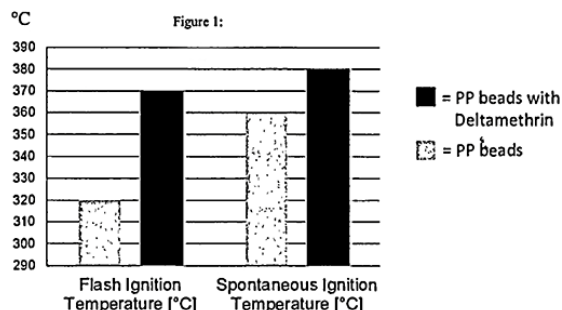


Fig. 1

[Consulter le mémoire](#)

(11) 17205

(51) B01D 53/14

(21) 1201500061 - PCT/EP13/067217

(22) 19.08.2013

(30) EP n° 12183132.5 du 05/09/2012

US n° 61/696827 du 05/09/2012

(54) Process for separating off acid gases from a water-comprising fluid stream.

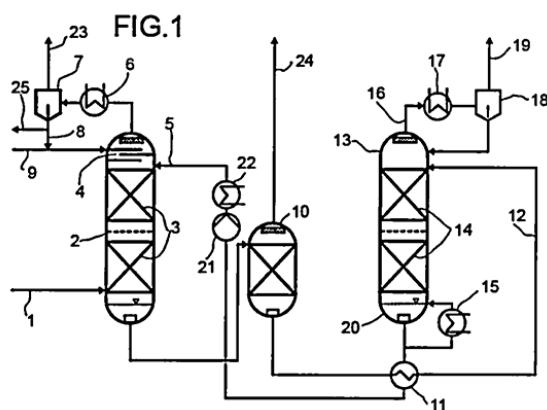
(72) KATZ Torsten;

BARTLING Karsten.

(73) BASF SE (DE)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL,
B.P. 6370, YAOUNDE (CM).

(57) A process for separating off acid gases from a water-comprising fluid stream is described, in which a) the water-comprising fluid stream is contacted in an absorption zone with an absorbent that comprises at least one amine, wherein a deacidified fluid stream and an acid gas-loaded absorbent is obtained, b) the deacidified fluid stream is contacted in a scrubbing zone with an aqueous scrubbing liquid, in order to transfer entrained amine at least in part to the scrubbing liquid, wherein a deaminated, deacidified fluid stream and an amine-loaded scrubbing liquid are obtained, c) the deaminated, deacidified fluid stream is cooled downstream of the scrubbing zone, wherein an absorber top condensate is condensed out of the deaminated, deacidified fluid stream, d) the loaded absorbent is passed into a desorption zone in which the acid gases are at least in part released, wherein a regenerated absorbent and desorbed acid gases are obtained, e) the regenerated absorbent is returned to the absorption zone in order to form an absorbent circuit, f) the amine-loaded scrubbing liquid and the absorber top condensate are introduced into the absorbent circuit, and g) the desorbed acid gases are conducted through an enrichment zone and the acid gases exiting at the top of the enrichment zone are cooled, in order to condense out of the acid gases a desorber top condensate which in part is returned to the enrichment zone and in part is passed out of the process. The process permits efficient retention of amines from the treated fluid streams with maintenance of the water balance of the acid gas removal plant.

[Consulter le mémoire](#)**(11) 17206**(51) C09K 14/50; A61K 38/18; C07K 14/605
A61K 38/26

(21) 1201500068 - PCT/EP13/068239

(22) 04.09.2013

(30) EP n° 12306072.5 du 07/09/2012

(54) Fusion proteins for treating a metabolic syndrome.

(72) HABERMANN Paul;

BOSCHEINEN Oliver;

DREYER Matthias;

SCHAEFER Hans-Ludwig;

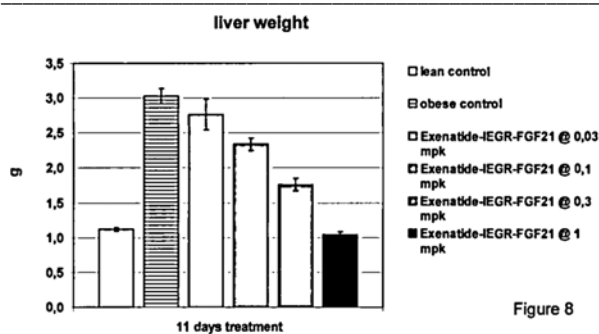
SOMMERFELD Mark;

LANGER Thomas.

(73) SANOFI (FR)

(74) Cabinet CAZENAVE SARL, B.P. 500,
YAOUNDE (CM).

(57) The invention is directed to a fusion protein comprising at least one FGF-21 (fibroblast growth factor-21) compound and at least one GLP-1R (glucagon-like peptide-1 receptor) agonist as well as to pharmaceutical compositions, medical uses and methods of treatment involving the fusion protein, particularly in the field of diabetes, dyslipidemia, obesity and/or adipositas.



[Consulter le mémoire](#)

(11) **17207**

(51) A61K 8/365; A61K 8/44; A61Q 19/02
A61K 8/98

(21) 1201500069 - PCT/EP13/002666

(22) 05.09.2013

(30) EP n° 12006270.8 du 05/09/2012

(54) Use of spider venoms for skin whitening/depigmenting and composition comprising spider venoms molecules or synthetic analogs.

(72) MABROUK Kamel;
LUIS José;
DE POMYERS Harold;
BERTIN Denis;
BENGELOUNE Abd Haq;
VERDONI Marion;
GIGMES Didier;
ROUDAUT Hermine.

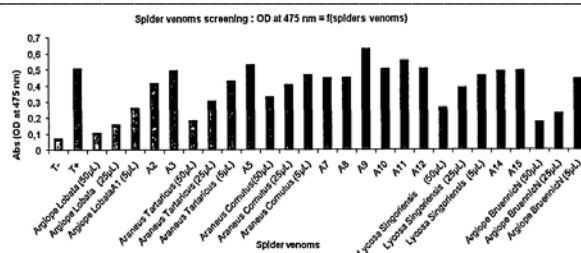
(73) Laboratoire In'Oya (FR)

Latoxan (FR)

Université Aix-Marseille (FR)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL,
B.P. 6370, YAOUNDE (CM).

(57) The present invention relates to the use of spider venom, molecules or synthetic analogs thereof for skin whitening. The invention also relates to compositions comprising spider venom, molecules or synthetic analogs thereof for skin 5 whitening/depigmenting. The invention finally relates to a non-therapeutic method for whitening human skin comprising topically applying an effective amount on said human skin of the composition of the invention.



[Consulter le mémoire](#)

(11) **17208**

(51) C08J 3/07; C09D 179/08

(21) 1201500081 - PCT/EP13/068798

(22) 11.09.2013

(30) FR n° 12/02426 du 12/09/2012

(54) Process for preparing a stable aqueous dispersion of polyamide-imide which is free of carcinogenic, mutagenic or reprotoxic substances, and application to coatings.

(72) PINEL Eliette;
PETIT Mikael;
GOUIDER Mohamed;
GARD Eric.

(73) VALLOUREC OIL AND GAS France (FR)
NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)

(74) Cabinet CAZENAVE SARL, B.P. 500,
YAOUNDE (CM).

(57) The invention concerns a process for preparing an aqueous polyamide-imide dispersion, characterized in that it comprises at least one step of selecting a polyamide-imide powder and a step of producing a dispersion comprising the polyamide-imide powder, a polar aprotic solvent with a boiling point of more than 180°C at 760 mm Hg, and water. The invention also concerns a process for producing a dry polyamide-imide film on a substrate.

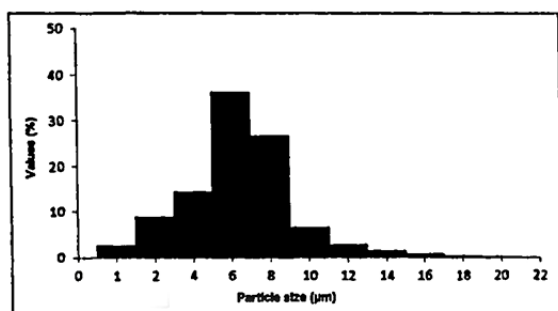


Fig. 4

[Consulter le mémoire](#)

(11) **17209**

(51) C10M 177/00; C10M 107/44

(21) 1201500082 - PCT/EP13/068799

(22) 11.09.2013

(30) FR n° 12/02427 du 12/09/2012

(54) Process for producing a dry polyamide-imide film with high galling resistance on a threaded tubular component from an aqueous dispersion which is free of carcinogenic substances.

(72) GOUIDER Mohamed;

GARD Eric;

PINEL Eliette;

PETIT Mikael.

(73) VALLOUREC OIL AND GAS France (FR)

NIPPON STEEL & SUMITOMO METAL CORPORATION (JP)

(74) Cabinet CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57) The invention concerns a process for producing a dry film with a high galling resistance on a threaded element for drilling and/or operating a hydrocarbon well, characterized in that it comprises at least the following steps : - forming a stable dispersion comprising a polyamide-imide powder, a polar aprotic solvent with a boiling point of more than 180°C at 760 mm Hg, and water; - applying the dispersion to one of the ends (1, 2) of said threaded element at a temperature in the range 20°C to 40°C; - drying the coated end.

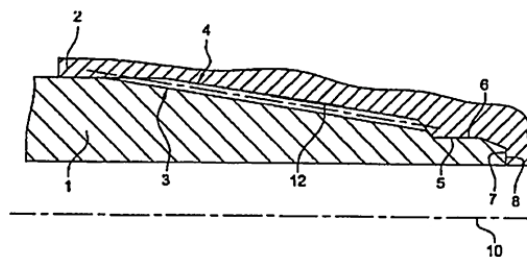


Fig. 6

[Consulter le mémoire](#)

(11) **17210**

(51) C12Q 1/68

(21) 1201500086 - PCT/MA13/000005

(22) 05.04.2013

(30) MA n° 35213 du 13/09/2012

(54) Sondes et amorces pour la détection du gène BCR-ABL en réaction duplex.

(72) SEFRIQUI EL Hassan;

EL AMRANI Manale;

KOTTWITZ Denise.

(73) Mascir (Moroccan Foundation For Advanced Science, Research And Innovation) (MA)

(74) Cabinet ÉKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57) La présente invention concerne l'utilisation de nouvelles sondes, amorces, sets d'amorces, sets de sondes et amorces en qPCR pour la détection et la quantification de la translocation BCR-ABL et un gène contrôle en! réaction simplexe ou multiplexe. En quantifiant le gène BCR-ABL et le gène contrôle, la qPCR de la présente invention permettra la détection de la leucémie chronique myéloïde (LMC), le suivi du traitement ainsi que de la maladie résiduelle.

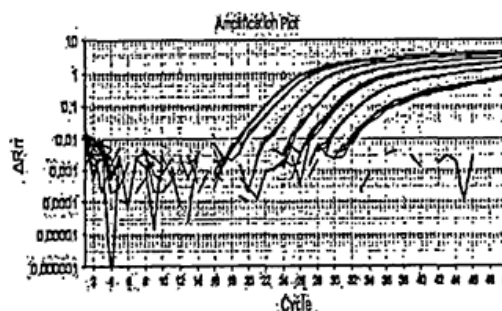


Figure 1a

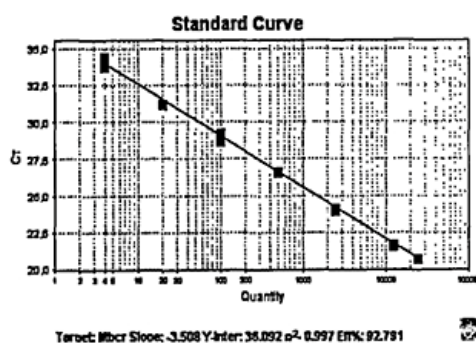


Figure 1b

Fig. (1a et 1b)

[Consulter le mémoire](#)(11) **17211**

(51) C07D 471/04; A61P 25/38; A61K 31/4985

(21) 1201500087 - PCT/IB13/058347

(22) 06.09.2013

(30) US n° 61/703,969 du 21/09/2012

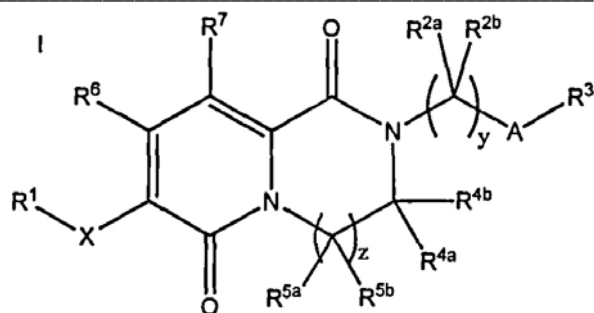
(54) Novel bicyclic pyridinones.

(72) AM ENDE, Christopher William;
 GREEN, Michael Eric;
 JOHNSON, Douglas Scott;
 KAUFFMAN, Gregory Wayne;
 O'DONNELL, Christopher John;
 PATEL, Nandini Chaturbhai;
 PETERSSON, Martin Youngjin;
 STEPAN, Antonia, Friederike;
 STIFF, Cory Michael;
 SUBRAMANYAM, Chakrapani;
 TRAN, Tuan Phong;
 VERHOEST, Patrick Robert.

(73) PFIZER INC. (US)

(74) SCP AKKUM, AKKUM & Associates,
 Quartier Mballa II, Dragages, B.P. 4966,
 YAOUNDE (CM).

(57) Compounds and pharmaceutical acceptable salts of the compounds are disclosed, wherein the compounds have the structure of formula (I)



as defined in the specification. Corresponding pharmaceutical compositions, methods of treatment, methods of synthesis, and intermediates are also disclosed.

[Consulter le mémoire](#)(11) **17212**(51) C07H 15/26; A61K 31/7048; A61K 31/7052
A61P 31/04; A61P 31/06

(21) 1201500093 - PCT/EP13/069185

(22) 16.09.2013

(30) FR n° 1258744 du 18/09/2012

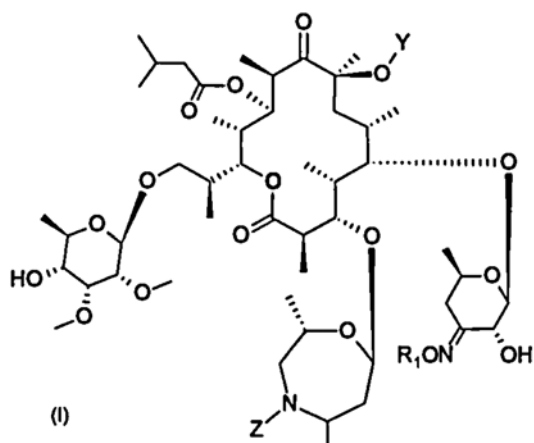
(54) Macrolide derivatives, preparation thereof and therapeutic use thereof.

(72) BAURIN Nicolas;
 BENEDETTI Yannick;
 BOULEY Emmanuel;
 ZHANG Jidong.

(73) SANOFI (FR)

(74) Cabinet CAZENAVE SARL, B.P. 500,
 YAOUNDE (CM).

(57) The patent application relates to compounds of formula (I) below:



formula (I) to a process for preparing them and to the therapeutic use thereof.

[Consulter le mémoire](#)

(11) **17213**

(51) C12P 7/10

(21) 1201500105 - PCT/US13/064317

(22) 10.10.2013

- (30) US n° 61/711,801 du 10/10/2012
 US n° 61/711,807 du 10/10/2012
 US n° 61/774,684 du 08/03/2013
 US n° 61/774,723 du 08/03/2013
 US n° 61/774,731 du 08/03/2013
 US n° 61/774,735 du 08/03/2013
 US n° 61/774,740 du 08/03/2013
 US n° 61/774,744 du 08/03/2013
 US n° 61/774,746 du 08/03/2013
 US n° 61/774,750 du 08/03/2013
 US n° 61/774,752 du 08/03/2013
 US n° 61/774,754 du 08/03/2013
 US n° 61/774,761 du 08/03/2013
 US n° 61/774,773 du 08/03/2013
 US n° 61/774,775 du 08/03/2013
 US n° 61/774,780 du 08/03/2013
 US n° 61/793,336 du 15/03/2013

(54) Equipment protecting enclosures.

(72) MEDOFF, Marshall;

MASTERMAN, Thomas;

PARADIS, Robert.

(73) XYLECO, INC. (US)

(74) SCP AKKUM, AKKUM & Associates,
 Quartier Mballa II, Dragages, B.P. 4966,
 YAOUNDE (CM).

(57) Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed to produce useful intermediates and products, such as energy, fuels, foods or materials. For example, systems and methods are described that can be used to treat feedstock materials, such as cellulosic and/or lignocellulosic materials, in a vault in which the equipment is protected from radiation and hazardous gases by equipment enclosures. The equipment enclosures may be purged with gas.

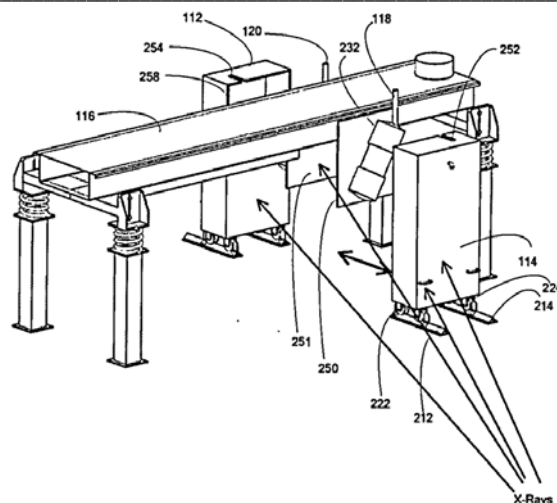


Fig. 2a

[Consulter le mémoire](#)

(11) **17214**

(51) B01J 19/08

(21) 1201500106 - PCT/US13/064289

(22) 10.10.2013

- (30) US n° 61/711,801 du 10/10/2012
 US n° 61/711,807 du 10/10/2012
 US n° 61/774,684 du 08/03/2013
 US n° 61/774,723 du 08/03/2013
 US n° 61/774,731 du 08/03/2013
 US n° 61/774,735 du 08/03/2013
 US n° 61/774,740 du 08/03/2013
 US n° 61/774,744 du 08/03/2013
 US n° 61/774,746 du 08/03/2013
 US n° 61/774,750 du 08/03/2013
 US n° 61/774,752 du 08/03/2013
 US n° 61/774,754 du 08/03/2013
 US n° 61/774,761 du 08/03/2013
 US n° 61/774,773 du 08/03/2013
 US n° 61/774,775 du 08/03/2013
 US n° 61/774,780 du 08/03/2013
 US n° 61/793,336 du 08/03/2013

(54) Processing biomass.

(72) MEDOFF, Marshall;

MASTERMAN, Thomas;

PARADIS, Robert.

(73) XYLECO, INC. (US)

US n° 61/774,773 du 08/03/2013

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

US n° 61/774,775 du 08/03/2013

US n° 61/774,780 du 08/03/2013

US n° 61/793,336 du 15/03/2013

(57) Methods and systems are described for processing cellulosic and lignocellulosic materials into useful intermediates and products, such as energy and fuels. For example, conveying systems, such as highly efficient vibratory conveyors, are described for the processing of the cellulosic and lignocellulosic materials. Provided herein is an apparatus for producing a treated biomass material, that includes an ionizing radiation source.

(54) Processing materials.

(72) MEDOFF, Marshall;
MASTERMAN, Thomas;
PARADIS, Robert.

(73) XYLECO, INC. (US)

(74) SCP AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

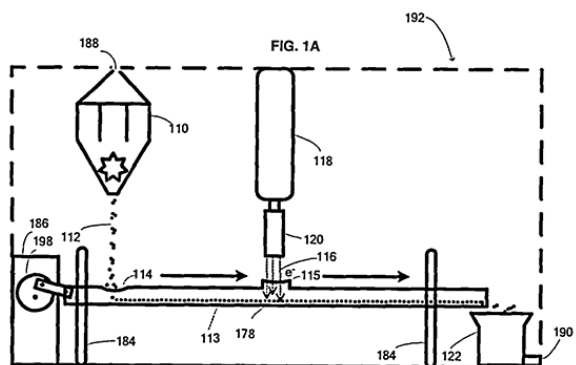


Fig. 1a

[Consulter le mémoire](#)

(57) Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed to produce useful intermediates and products, such as energy, fuels, foods or materials. For example, systems and methods are described that can be used to treat feedstock materials, such as cellulosic and/or lignocellulosic materials, while cooling equipment and the biomass to prevent overheating and possible distortion and/or degradation. The biomass is conveyed by a conveyor, which conveys the biomass under an electron beam from an electron beam accelerator. The conveyor can be cooled with cooling fluid. The conveyor can also vibrate to facilitate exposure to the electron beam. The conveyor can be configured as a trough that can be optionally cooled.

(11) **17215**

(51) A23L 3/26; B65G 27/00; C12P 7/10

(21) 1201500107 - PCT/US13/064320

(22) 10.10.2013

(30) US n° 61/711,801 du 10/10/2012

US n° 61/711,807 du 10/10/2012

US n° 61/774,684 du 08/03/2013

US n° 61/774,723 du 08/03/2013

US n° 61/774,731 du 08/03/2013

US n° 61/774,735 du 08/03/2013

US n° 61/774,740 du 08/03/2013

US n° 61/774,744 du 08/03/2013

US n° 61/774,746 du 08/03/2013

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US n° 61/774,752 du 08/03/2013

US n° 61/774,754 du 08/03/2013

US n° 61/774,761 du 08/03/2013

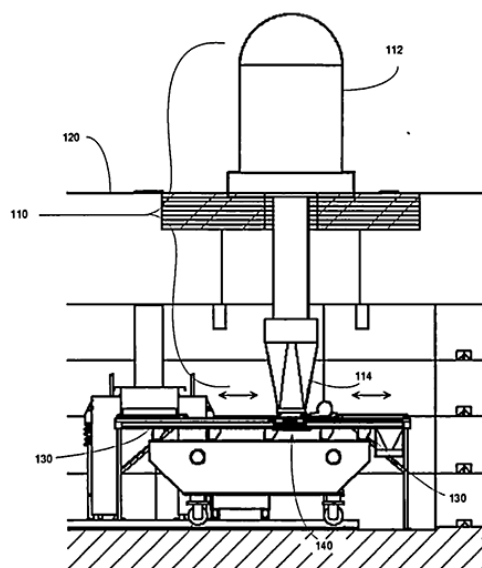


Fig. 1

[Consulter le mémoire](#)

B
REPERTOIRE SUIVANT LA C.I.B.

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17169	A01N 35/00
17215	A23L 3/26
17199	A61K 31/18
17167	A61K 31/4188
17193	A61K 31/519
17207	A61K 8/365
17190	A61K 9/00
17175	A61N 5/10 (06.01)
17205	B01D 53/14
17214	B01J 19/08
17166	B60K 17/26
17192	B65D30/08
17171	B66C 13/02 (06.01)
17187	C03C 25/20
17203	C07C 41/09
17194	C07D 215/227
17202	C07D 235/02
17200	C07D 309/14
17201	C07D 471/04
17211	C07D 471/04
17195	C07D 487/04
17196	C07D 491/18
17212	C07H 15/26
17182	C07K 16/28
17208	C08J 3/07
17206	C09K 14/50
17204	C09K 21/08
17209	C10M 177/00
17191	C12P 19/02
17181	C12P 5/02
17189	C12P 7/06
17197	C12P 7/10
17213	C12P 7/10
17210	C12Q 1/68

(11)	(51)
17184	C25C 3/08
17186	C25C 3/12
17185	C25C 3/18
17188	C25D 5/04
17179	E05C 19/00 (06.01)
17180	E21B 13/00 (06.01)
17198	E21B 43/34
17183	E21B 47/14
17176	F16M 3/00 (06.01)
17172	G11B 5/00 (06.01)
17173	H03K 3/00 (06.01)
17168	H04L 12/16 (06.01)
17174	H04L 29/06 (06.01)
17177	H04L 29/06 (06.01)
17170	H04L 29/08 (06.01)

C
REPERTOIRE DES NOMS

AiCuris GmbH & Co. KG
(11) 17201 (51) C07D 471/04
AKAFFOU Akaffou Jacques Delon (M.)
(11) 17173 (51) H03K 3/00 (06.01)
(11) 17176 (51) F16M 3/00 (06.01)
BASF SE
(11) 17205 (51) B01D 53/14
Bayer CropScience AG
(11) 17178 (51) A01N 25/04
(11) 17204 (51) C09K 21/08
BOEHRINGER INGELHEIM INTERNATIONAL GMBH and VITAE PHARMACEUTICALS, INC.
(11) 17202 (51) C07D 235/02
ENADA LEKA Lucie Chantale (Madame)
(11) 17192 (51) B65D 30/08
EYENGA ONDO Berthe Ariane (Madame) ; MEVA'A MEVA'A Georges Ruphin et Messieur AYISSI ZACHARIE Merlin (Messieurs)
(11) 17189 (51) C12P 7/06
GILEAD SCIENCES, INC.
(11) 17167 (51) A61K 31/4188
(11) 17196 (51) C07D 491/18
Glenmark Pharmaceuticals S.A.
(11) 17182 (51) C07K 16/28
Global Blood Therapeutics; Cytokinetics, Inc. and The Regents of the University of California
(11) 17169 (51) A01N 35/00
Haldor topsøe A/S
(11) 17203 (51) C07C 41/09
Helix Energy Solutions (U.K.) Limited
(11) 17171 (51) B66C 13/02 (06.01)
Honda Motor Co., Ltd.
(11) 17166 (51) B60K 17/26
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(11) 17197 (51) C12P 7/10
Inner Mongolia United Industrial Co., Ltd.
(11) 17184 (51) C25C 3/08
(11) 17185 (51) C25C 3/18
(11) 17186 (51) C25C 3/12

JANSEN SCIENCES. IRELAND UC
(11) 17199 (51) A61k 31/18
(11) 17200 (51) Co 7D 309/14
Laboratoire In'Oya; Latoxan and Université Aix-Marseille
(11) 17207 (51) A61K 8/365
LES LABORATOIRES SERVIER and VERNALIS (R&D) Ltd.
(11) 17193 (51) A61K 31/519
Mascir (Moroccan Foundation For Advanced Science, Research And Innovation)
(11) 17210 (51) C12Q 1/68
MEITE Ousmane (M.)
(11) 17172 (51) G11B 5/00 (06.01)
Nippon Steel & Sumitomo Metal Corporation and Vallourec Oil and Gas France
(11) 17188 (51) C25D 5/04
PFIZER INC.
(11) 17211 (51) C07D 471/04
PRAD Research and Development Limited
(11) 17180 (51) E21B 13/00 (06.01)
(11) 17183 (51) E21B 47/14
Renescience A/S
(11) 17181 (51) C12P 5/02
Samjin Pharmaceutical Co., Ltd. and Astech. Co., Ltd
(11) 17194 (51) C07D 215/227
SANOFI
(11) 17195 (51) C07D 487/04
(11) 17206 (51) C09K 14/50
(11) 17212 (51) C07H 15/26
SFM MEDICAL DEVICES GmbH
(11) 17175 (51) A61N 5/10 (06.01)
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(11) 17198 (51) E21B 43/34
SINETICA S.A.
(11) 17190 (51) A61K 9/00
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED
(11) 17170 (51) H04L 29/08 (06.01)

Tencent Technology (Shenzhen) Company Limited		
(11)	17168	(51) H04L 12/16 (06.01)
(11)	17174	(51) H04L 29/06 (06.01)
(11)	17177	(51) H04L 29/06 (06.01)
VALLOUREC OIL AND GAS FRANCE and NIPPON STEEL & SUMITOMO METAL CORPORATION		
(11)	17208	(51) C08J 3/07
(11)	17209	(51) C10M 177/00
XYLECO, INC.		
(11)	17191	(51) C12P 19/02
(11)	17213	(51) C12P 7/10
(11)	17214	(51) B01J 19/08
(11)	17215	(51) A23L 3/26
Yangtze Optical Fibre and Cable Joint Stock Limited Company		
(11)	17187	(51) C03C 25/20
Zafeiropoulos, Grigorios		
(11)	17179	(51) E05C 19/00 (06.01)

**TROISIEME PARTIE
MODELES D'UTILITE**

(11) **00086**

(51) E06B 9/52; A01M 1/22

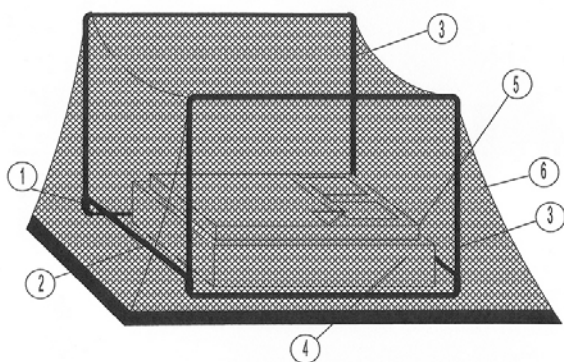
(21) 2201400002

(22) 31.08.2015

(54) Support de moustiquaire démontable.

(73) Auguste OUEDRAOGO, 10 B.P. 535, OUAGADOUGOU 10 (BF).

(57) La présente invention concerne un support de moustiquaire démontable, permettant de lutter contre les piqûres de moustiques et d'insectes de taille comparable. Il est constitué de deux bras (2) identiques, de quatre pièces d'emboîtement (1) et de structure en matériau rigide monté en double cadre (3), cintré aux extrémités pour procurer un espace vital suffisant à l'intérieur. Il protège la moustiquaire (6) généralement fragile et permet un meilleur déploiement de celle-ci. Il permet également une meilleure protection de l'utilisateur car il tend la moustiquaire (6), diminue les contacts de celui-ci avec la moustiquaire (6) lui évitant ainsi les piqûres de moustiques et d'insectes de taille comparable. Il peut être fabriqué à l'aide d'éléments tubulaires creux ou pleins en matériaux durs. Il assure une efficacité fonctionnelle et optimale de la moustiquaire (6) tout en protégeant celle-ci de détériorations dues à l'usage de supports inappropriés. Le support peut être dimensionné en fonction des besoins des utilisateurs à l'intérieur ou à l'extérieur des habitations.

(11) **00087**

(51) E06B 9/52; A01M 1/22

(21) 2201400004

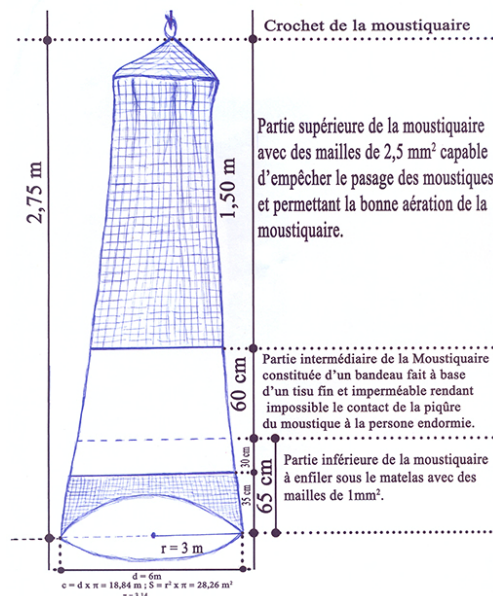
(22) 31.08.2015

(54) Moustiquaire de protection sûre (MPS).

(73) MAKIANA BOUNGOU-MBOUNGOU Le SAGE, 04 bis, rue Louka, Quartier Château d'eau, B.P. 72, BRAZZAVILLE (CG).

(57) L'invention concerne une moustiquaire à laquelle on a ajouté un bandeau permettant de protéger la personne qui s'y trouve contre les moustiques. Le bandeau permet à la personne d'être même en contact avec la moustiquaire, les piqûres de moustiques lui seront impossibles et vaines. C'est une moustiquaire écologique car elle n'utilise pas de produits chimiques pour son efficacité contre les moustiques.

Dessin: Moustiquaire de protection sûre (M.P.S)



(11) Numéro de publication

(51) Classification internationale des brevets (CIB)
 (21) Numéro d'enregistrement ou de dépôt
 (22) Date d'enregistrement
 (54) Titre de l'invention
 (72) Nom de l'inventeur, suivi de la société d'appartenance
 (73) Nom du titulaire
 (74) Nom du mandataire en territoire OAPI
 (57) Abrégé.

(11) Numéro de publication

(51) Classification internationale des brevets (CIB)
 (21) Numéro d'enregistrement ou de dépôt
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 (57) Abrégé.

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 (57) Abrégé.

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 (57) Abrégé.

(11) Numéro de publication

(51) Classification internationale de brevets (CIB)
 (21) Numéro d'enregistrement ou de dépôt
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 (73) Nom du titulaire
 (74) Nom du mandataire en territoire OAPI
 (57) Abrégé.