

# Bulletin Officiel de la Propriété Industrielle (BOPI)

**Brevets d'invention**

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du 17 Septembre 2018

**O**rganisation  
**A**friqueaine de la  
**P**ropriété  
**I**ntellectuelle



**SOMMAIRE**

<b>TITRE</b>	<b>PAGES</b>
<b>PREMIERE PARTIE : GENERALITES</b>	<b>2</b>
Extrait de la norme ST3 de l'OMPI utilisée pour la représentation des pays et organisations internationales	3
Extrait de la norme ST9 de l'OMPI utilisée en matière de documentation des Brevets d'Invention et des Modèles d'Utilité	6
Codes utilisés en matière d'inscriptions dans les registres spéciaux des Brevets d'Invention et des Modèles d'Utilité	6
Clarification du règlement relatif à l'extension des droits suite à une nouvelle adhésion à l'Accord de Bangui	7
Adresses utiles	8
<b>DEUXIEME PARTIE : BREVETS D'INVENTION</b>	<b>9</b>
Repertoire numérique du N° 18246 au N° 18285	10
Repertoire suivant la C.I.B	32
Repertoire des noms	34

**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
Afrique du Sud	ZA
Albanie	AL
Algérie	DZ
Allemagne	DE
Andorre	AD
Angola	AO
Anguilla	AI
Antigua-et-Barbuda	AG
Antilles Néerlandaises	AN
Arabie Saoudite	SA
Argentine	AR
Arménie	AM
Aruba	AW
Australie	AU
Autriche	AT
Azerbaïdjan	AZ
Bahamas	BS
Bahreïn	BH
Bangladesh	BD
Barbade	BB
Bélarus	BY
Belgique	BE
Belize	BZ
Bénin*	BJ
Bermudes	BM
Bhoutan	BT
Bolivie	BO
Bonaire, Saint-Eustache et Saba	BQ
Bosnie-Herzégovine	BA
Botswana	BW
Bouvet, île	BV
Brésil	BR
Brunéi Darussalam	BN
Bulgarie	BG
Burkina Faso*	BF
Burundi	BI
Caïmanes, îles	KY
Cambodge	KH
Cameroun*	CM
Canada	CA
Cap-Vert	CV
Centrafricaine, République*	CF

Cook, îles	CK
Corée (République de Corée)	KR
Corée (Rép. Populaire de Corée)	KP
Costa Rica	CR
Côte d'Ivoire*	CI
Croatie	HR
Cuba	CU
Danemark	DK
Djibouti	DJ
Dominicaine, République	DO
Dominique	DM
Egypte	EG
El Salvador	SV
Emirats Arabes Unis	AE
Equateur	EC
Erythrée	ER
Espagne	ES
Estonie	EE
Etats-Unis d'Amérique	US
Ethiopie	ET
Ex Rep. Yougoslavie de Macédoine	MK
Falkland, îles (Malvinas)	FK
Fédération de Russie	RU
Fidji	FJ
Féroé, îles	FO
Finlande	FI
France	FR
Gabon*	GA
Gambie	GM
Géorgie	GE
Géorgie du Sud et les îles Sandwich du Sud	GS
Ghana	GH
Gibraltar	GI
Grèce	GR
Grenade	GD
Groenland	GL
Guatemala	GT
Guernesey	GG
Guinée*	GN
Guinée-Bissau*	GW
GuinéeEquatoriale*	GQ
Guyana	GY
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
Kirghizstan	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	<b>MN</b>	Soudan	<b>SD</b>
Monténégro	<b>ME</b>	Sri Lanka	<b>LK</b>
Montserrat	<b>MS</b>	Suède	<b>SE</b>
Mozambique	<b>MZ</b>	Suisse	<b>CH</b>
Myanmar (Birmanie)	<b>MM</b>	Suriname	<b>SR</b>
Namibie	<b>NA</b>	Swaziland	<b>SZ</b>
Nauru	<b>NR</b>	Syrie	<b>SY</b>
Népal	<b>NP</b>	Tadjikistan	<b>TJ</b>
Nicaragua	<b>NI</b>	Taïwan, Province de Chine	<b>TW</b>
Niger*	<b>NE</b>	Tanzanie (Rép.-Unie)	<b>TZ</b>
Nigéria	<b>NG</b>	Tchad*	<b>TD</b>
Thaïlande	<b>TH</b>	Tchèque, République	<b>CZ</b>
Timor Oriental	<b>TP</b>	Ukraine	<b>UA</b>
Togo*	<b>TG</b>	Uruguay	<b>UY</b>
Tonga	<b>TO</b>	Vanuata	<b>VU</b>
Trinité-et-Tobago	<b>TT</b>	Venezuela	<b>VE</b>
Tunisie	<b>TN</b>	Viet Nam	<b>VN</b>
Turkménistan	<b>TM</b>	Yémen	<b>YE</b>
Turks et Caïques, îles	<b>TC</b>	Yougoslavie	<b>YU</b>
Turquie	<b>TR</b>	Zambie	<b>ZM</b>
Tuvalu	<b>TV</b>	Zimbabwe	<b>ZW</b>

**ORGANISATIONS INTERNATIONALES DELIVRANT OU ENREGISTRANT DES TITRES DE PROPRIETE INDUSTRIELLE**

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

\*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) Crédancier nanti

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

## Siège social

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Fax.: (236) 21 61 76 53

(Ministère du Commerce et de l'Industrie)

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Tel.: (269) 33 10 703  
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01 B.P. 2337 Abidjan  
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Fax.: (225) 22 41 11 81  
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Fax.: (241) 01 76 30 55  
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B.P. : 269 Bissau  
Tél. : (245) 322 22 75  
Fax. : (245) 322 34 64 15  
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B.P. : 528 Malabo  
Tel. : (240) 333 09 15 39  
Fax. : (240) 333 09 33 13/222 24 43 89  
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Fax: (223) 20 29 90 91  
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Fax.: (227) 20 73 21 50  
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Fax: (221) 33 827 36 14  
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Fax: (235) 22 52 21 79/68 84 84 18  
(Ministère du Commerce et de l'Industrie)

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Développer l'Afrique par la propriété intellectuelle est notre vision**

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Fax.: (228) 222 44 70  
(Ministère du Commerce, de l'Industrie, de la Promotion du secteur privé et du Tourisme)

**DEUXIEME PARTIE**  
**BREVETS D'INVENTION**

**A**  
**REPERTOIRE NUMERIQUE**  
**du N° 18246 au N° 18285**

**(11) 18246**

- (51) A61K31/4196 (2018.01);  
 A61K1/437 (2018.01);  
 A61P 25/18 (2018.01);  
 A61P 25/28 (2018.01);  
 C07D 471/04 (2018.01).

**(21) 1201200270 - PCT/DK2010/050344**

(22) 15/12/2010

**(30) DK n° PA 2009 01340 du 17/12/2009**

(54) Heteroaromatic Aryl Triazole Derivatives as PDE10A Enzyme Inhibitors.

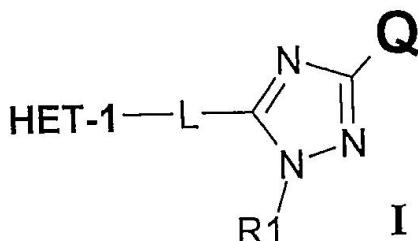
(72) KILBURN, John, Paul (DK);  
 KEHLER, Jan (DK);  
 PÜSCHL, Ask (DK);  
 NIELSEN, Jacob (DK);  
 MARIGO, Mauro (DK) et  
 LANGGÅRD, Morten (DK).

(73) **H. LUNDBECK A/S**, Otiliaevej 9, DK-2500 VALBY (DK).

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

(57)

This invention is directed to compounds (Formula 1),



which are PDE10A enzyme inhibitors. The invention provides a pharmaceutical composition comprising a therapeutically effective amount of a compound of the invention and a pharmaceutically acceptable carrier. The present invention also provides processes for the preparation of the compounds of formula (I). The present invention further provides a method of treating a subject suffering from a neurodegenerative disorder comprising administering to the subject a therapeutically effective amount of a compound of formula (I). The present invention also provides a method of treating a subject suffering from a drug addiction comprising administering to the subject a therapeutically effective amount of a compound of formula (I). The present invention further provides a method of treating a subject suffering

from a psychiatric disorder comprising administering to the subject a therapeutically effective amount of a compound of formula.

[Consulter le mémoire](#)

**(11) 18247**

- (51) G06Q 40/00 (2018.01).

**(21) 1201500330 - PCT/US2015/34664**

(22) 08/06/2015

**(30) US n° PCT/US2014/041551 du 09/06/2014**

(54) An integrity management system to manage and control data between entities in an oil and gas asset supply chain.

(72) CASET, Giorgio (CH);  
 FINKEL, Charles (US);  
 KOEBLER, Friedrich (CH);  
 CAMPBELL, Mark (CH);  
 VAN NGOC TY, Christophe (CH) et  
 NIELSEN, Aksel (CH).

(73) **SICPA SECURITY INKS & SYSTEMS USA, INC.**, 8000 Research Way, SPRINGFIELD, VA 22153 (US).

(74) SCP GLOBAL AFRICA IP, Base Buns, Mvog Betsi, (Sise Nouveau Marché), P.O. Box 3694, YAOUNDE (CM).

(57)

The disclosure generally relates to a system and method for managing and controlling data between entities in an oil and gas asset supply chain, and in particular to an excise tax management system and method to identify and reconcile tax filings, production volumes and operational reports. A data management system collects first data captured from a sensor or a data collector and second data provided by one of a subsidiary, franchise and third party contractor. The data management system secures and clusters the first data to generate one of a secure tax report, a tax estimation and tax information related to a key performance indicator (KPI), and secures and clusters the second data to generate one of secure data, a secure financial report related to one of the subsidiary, franchise and third party contractor of the oil and gas supply chain.

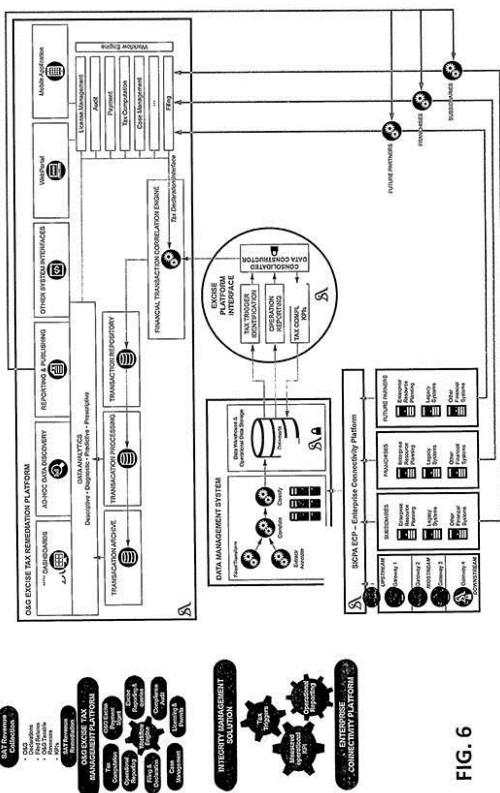


FIG. 6

[Consulter le mémoire](#)

## (11) 18248

(51) G01F 15/00 (2018.01).

(21) 1201500331 - PCT/US2014/033027

(22) 04/04/2014

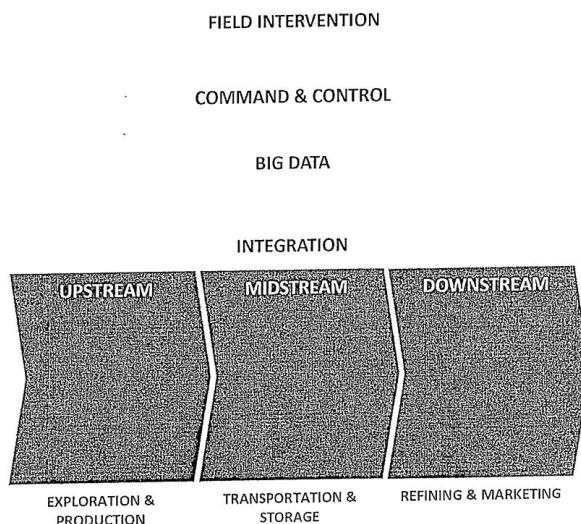
(54) Interface to generate data compatible an external system in an oil and gas asset supply chain.

(72) CASET, Giorgio (CH);  
FINKEL, Charles (US);  
CAMPBELL, Mark (CH) et  
VAN NGOC TY, Christophe (CH).(73) **SICPA SECURITY INKS & SYSTEMS USA, INC.**, 8000 Research Way, SPRINGFIELD, VA 22153 (US).

(74) SCP GLOBAL AFRICA IP, Base Buns, Mvog Betsi, (Sise Nouveau Marché), P.O. Box 3694, YAOUNDE (CM).

(57)  
The present disclosure generally relates to an interface system and method of interfacing to generate data compatible with an external system in an oil and gas asset supply chain, and in particular to an interface and interface method for generating secure and verifiable data to prevent

tampering, injection of unwanted data resulting from an unauthorized access along a supply chain. An interface generates and transforms data in an oil and gas supply chain for compatibility with external systems. Collected data is captured by an industrial control system sensor or data collector, which is transferred in a secure intermediary hardware platform to interface with a software component. The collected data is then modified using a business rules engine to create enhanced data and events created from the enhanced data.


[Consulter le mémoire](#)

## (11) 18249

(51) G06F 17/00 (2018.01).

(21) 1201500332 - PCT/US2015/34662

(22) 08/06/2015

(30) US n° PCT/US2014/041579 du 09/06/2014

(54) Creating secure data in an oil gas supply chain.

(72) CASET, Giorgio (CH);  
FINKEL, Charles (US);  
KOEBLER, Friedrich (CH);  
CAMPBELL, Mark (CH);  
VAN NGOC TY, Christophe (CH) et  
NIELSEN, Aksel (CH).(73) **SICPA SECURITY INKS & SYSTEMS USA, INC.**, 8000 Research Way, SPRINGFIELD, VA 22153 (US).

(74) SCP GLOBAL AFRICA IP, Base Buns, Mvog Betsi, (Sise Nouveau Marché), P.O. Box 3694, YAOUNDE (CM).

(57)

The present invention generally relates to a system and method creating secure data in a gas and oil supply chain. The system creates secure data related to oil and gas assets while traversing an oil and gas supply chain. At least one repository system(s), which collects secure data generated by capturing information using a secure observer device, sends the secure data to a gateway which is a part of a global management system or an integrity management system to create clustered events. The disclosure also relates to a system and method for managing and controlling data between entities in an oil and gas asset supply chain, and in particular to an excise tax management system and method to identify and reconcile tax filings, production volumes and operational reports.

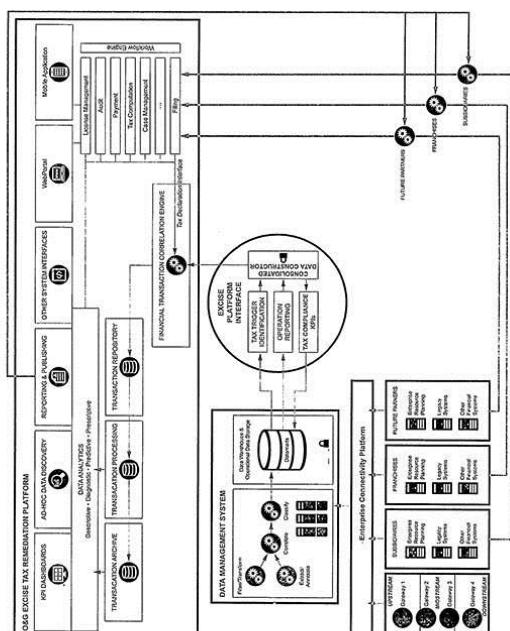


FIG. 5

[Consulter le mémoire](#)

(11) 18250

(51) C10M 125/02 (2018.01);  
 C10N 20/06 (2018.01);  
 C10N 30/06 (2018.01);  
 C10N 40/02 (2018.01);  
 C10N 40/04 (2018.01);  
 C10N 40/25 (2018.01);  
 C10N 50/10 (2018.01).

(21) 1201700084 - PCT/JP2015/058789

(22) 23/03/2015

(30) JP n° PCT/JP2014/073838 du 09/09/2014;

JP n° PCT/JP2015/055977 du 27/02/2015;

(54) Composite lubricating material, engine oil, grease, and lubricating oil.

(72) HASEGAWA Shoji (JP) et KAMIYA Nagisa (JP).

(73) GRAPHENE PLATFORM CORPORATION, 1-15-1, Ebisu-Minami Shibuya-ku, TOKYO 150-0022 (JP).

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

(57)

Provided are a composite lubricating material, engine oil, grease and lubricant, excellent in lubricity. The composite lubricating material comprises at least a graphite-based carbon material and/or graphene-like graphite exfoliated from the graphite-based carbon material dispersed in a base material. The graphite-based carbon material is characterized by having a rhombohedral graphite layer (3R) and a hexagonal graphite layer (2H), wherein a Rate (3R) of the rhombohedral graphite layer (3R) and the hexagonal graphite layer (2H), based on an X-ray diffraction method, which is defined by following Equation 1 is 31% or more:

$$\text{Rate (3R)} = \frac{P_3}{(P_3+P_4)} \times 100 \quad \dots \quad \text{Equation 1}$$

wherein

P3 is a peak intensity of a (101) plane of the rhombohedral graphite layer (3R) based on the X-ray diffraction method, and

P4 is a peak intensity of a (101) plane of the hexagonal graphite layer (2H) based on the X-ray diffraction method

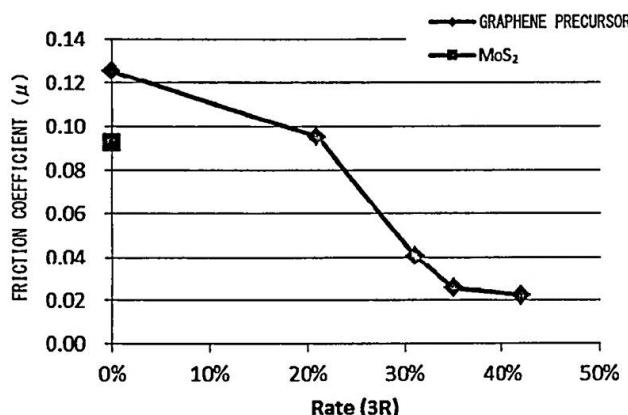


Fig. 21

[Consulter le mémoire](#)

### (11) 18251

- (51) B01D 61/00 (2018.01);  
 C02F 1/28 (2018.01);  
 C02F 1/44 (2018.01);  
 C02F 1/52 (2018.01);  
 C02F 1/66 (2018.01);  
 C02F 101/10 (2018.01);  
 C02F 11/12 (2018.01);  
 C02F 5/06 (2018.01);  
 C02F 5/14 (2018.01).

(21) 1201700102 - PCT/EP2015/070917

(22) 14/09/2015

(30) FR n° 1458779 du 17/09/2014;

(54) Method for treating an effluent supersaturated with calcium carbonate in the presence of phosphonate precipitation-inhibiting products.

(72) GRANGE Didier (FR);  
 COSTE M. (FR) et  
 BARBIER E. (FR).

(73) VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, Immeuble l'aquarène, 1 place Montgolfier, 94410 SAINT MAURICE (FR).

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

(57)

The present invention relates to a method for treating an aqueous liquid effluent containing calcium and carbonate ions and containing precipitation-inhibiting products, said process comprising the following successive steps: a) providing an aqueous liquid effluent supersaturated with  $\text{CaCO}_3$  and containing

precipitation-inhibiting products; b) having the effluent obtained in step a) pass into a reactor with high solid content with a solid content maintained between 20 and 800 g/l and integrated solid-liquid separation, at a pH comprised between 8 and 9.2 allowing in a single step precipitation in situ of the aragonite polymorph of calcium carbonate and removal of the precipitation-inhibiting products; c) recovering an aqueous liquid supernatant containing a suspended solids content of less than or equal to 0.1% by mass of the solid content in the reactor, advantageously a suspended solids content of less than 50 mg/l, the precipitation-inhibiting products being phosphonates.

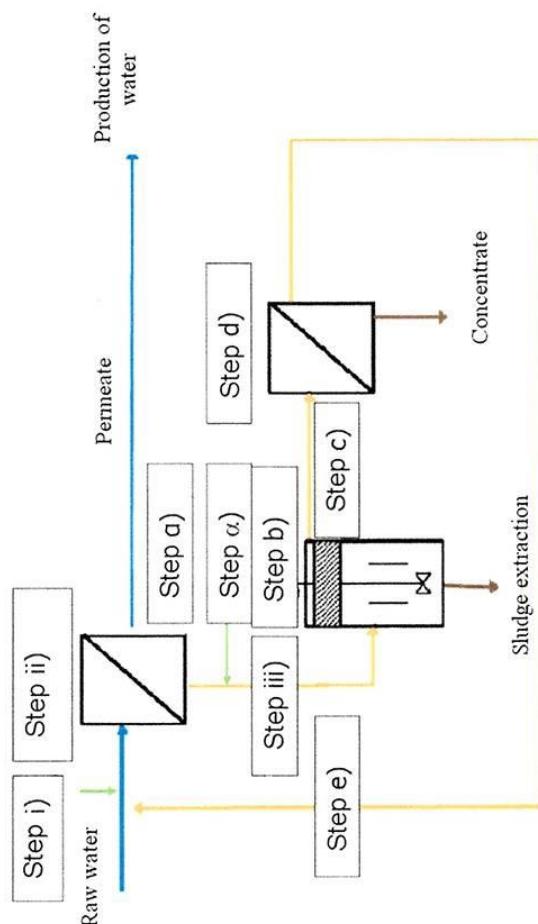


Fig. 1

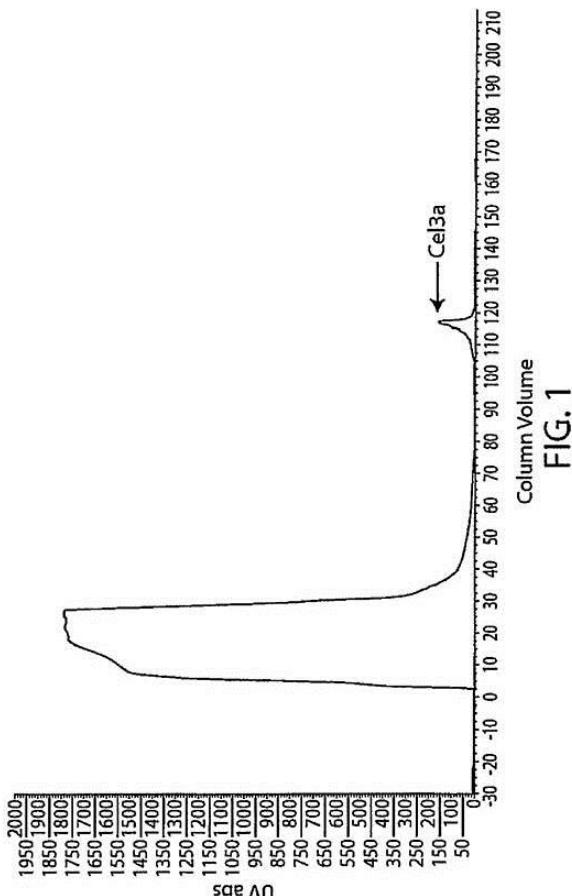
[Consulter le mémoire](#)

### (11) 18252

- (51) A61K 36/00 (2018.01);  
 A63J 1/00 (2018.01);  
 C12N 15/74 (2018.01);  
 C12N 9/14 (2018.01).

- (21) 1201700105 - PCT/US2015/052200  
 (22) 25/09/2015  
 (30) US n° 62/055702 du 26/09/2014;  
 (54) Solubilized enzyme and uses thereof.  
 (72) YOSHIDA Aiichiro (US);  
 MASTERNAN Thomas Craig (US);  
 MEDOFF Marshall (US);  
 KREDER Natasha (US);  
 LYNCH James (US);  
 LANDRY Sean (US) et  
 PANGILINAN Desiree (US).  
 (73) Xyleco, Inc., 360 Audubon Road,  
 WAKEFIELD, MA 01880-6248 (US).  
 (74) Cabinet EKÉMÉ LYSAGHT SARL,  
 B.P. 6370, YAOUNDE (CM).  
 (57)

The present invention relates to mixtures comprising a polypeptide or a plurality of polypeptides having biomass-degrading activity that is solubilized from an inclusion body, and retaining biomass-degrading activity, and methods for producing and using the same. The invention described herein provides methods for increasing the yield of recombinant protein with biomass-degrading activity that can be isolated from host cells.



[Consulter le mémoire](#)

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**(11) 18253**

- (51) C01B 25/12 (2018.01).  
 (21) 1201700109 - PCT/US2015/052402

(22) 25/09/2015  
 (30) US n° 14/864731 du 24/09/2015;  
 US n° 62/056254 du 26/09/2014;  
 US n° 62/085778 du 01/12/2014.

(54) Phosphorous pentoxide producing methods and systems with increased agglomerate compression strength.  
 (72) BLAKE David B. (US);  
 MEGY Joseph A.(Deceased) (US);  
 PACHPOR Sourabh A. (US);  
 HANDMAN Lawrence M. (US);  
 FOWLER Theodore P. (US);  
 TRAINHAM James A. (US) et  
 VIGNOVIC Mark (US).

(73) JDCPHOSPHATE, INC., 3200 County Road 630 West, FORT MEADE, Florida 33841 (US).

(74) Cabinet EKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).  
 (57)

A phosphorous pentoxide producing method includes forming pre-feed agglomerates containing phosphate ore particles, carbonaceous material particles, and silica particles and heating the pre-feed agglomerates in a reducing or inert atmosphere to an induration temperature from above 900 C to less than 1180 C and maintaining the induration temperature for 15 minutes or more. The method includes forming feed agglomerates and increasing a compression strength of the feed agglomerates to above 25 lbf using the heating, the feed agglomerates exhibiting a calcium-to-silica mole ratio less than 1 and a silica-to-(calcium + magnesium) mole ratio greater than 2. A reducing kiln bed is formed using the feed agglomerates, kiln off-gas is generated, and phosphorous pentoxide is collected from the kiln off gas.

[Consulter le mémoire](#)

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**(11) 18254**

- (51) A61K 31/454 (2018.01);  
 A61P 29/02 (2018.01);  
 A61P 37/08 (2018.01) ;  
 C07D 401/14 (2018.01).

(21) 1201700111 - PCT/IB2015/057314  
 (22) 22/09/2015

- (30) **US n° 62/055,811 du 26/09/2014;**  
**US n° 62/110,048 du 30/01/2015;**  
**US n° 62/209,124 du 24/08/2015.**
- (54) Methyl-and trifluoromethyl-substituted pyrrolopyridine modulators of rorc2 and methods of use thereof.
- (72) ZAMARATSKI, Edouard (SE);  
VAZQUEZ, Michael L. (US);  
SCHNUTE, Mark Edward (US);  
MENTE, Scot Richard (US);  
JONES, Peter (US);  
TRZUPEK, John David (US);  
KAILA, Neelu (US);  
ZHANG, Liying (US);  
FLICK, Andrew Christopher (US);  
XING, Li (US) et  
WENNERSTAL, Göran Mattias (SE).
- (73) **PFIZER INC.**, 235 East 42nd Street, NEW YORK, New York 10017 (US).
- (74) S.C.P AKKUM, AKKUM & Associates, Quartier Mballa II, Dragages, B.P. 4966, YAOUNDE (CM).

(57)  
The present invention provides methyl- and trifluoromethyl-substituted pyrrolopyridines, pharmaceutical compositions thereof, methods of modulating RORy activity and/or reducing the amount of IL-17 in a subject, and methods of treating various medical disorders using such pyrrolopyridines and pharmaceutical compositions thereof.

[Consulter le mémoire](#)

## (11) 18255

- (51) A23L 33/10 (2018.01);  
A23L 33/115 (2018.01).
- (21) **1201700119 - PCT/EP2015/071842**
- (22) 23/09/2015
- (30) **EP n° 14306513.4 du 29/09/2014;**
- (54) Aliment thérapeutique prêt à l'emploi et son procédé de fabrication.
- (72) CHESNAIS-BED'HOM Nathalie (FR) et  
CORTIANA Catherine (FR).
- (73) **COMPAGNIE D'EXPLOITATION DES SERVICES AUXILIAIRES AERIENS (SERVAIR)**, Bâtiment Altaï Roissypole Est, 10/14 rue de Rome, B.P. 19701, 95726 ROISSY CHARLES DE GAULLE CEDEX (FR).
- (74) CAZENAVE SARL, B.P. 500, YAOUNDE (CM).

(57)  
La présente invention se rapporte à un aliment thérapeutique prêt à l'emploi, et ne nécessitant aucune dilution avant consommation, comprenant, en pourcentages pondéraux par rapport au poids total dudit aliment, 5 à 45% d'une farine d'une ou plusieurs céréales et/ou d'une poudre d'une ou plusieurs légumineuses et/ou une ou plusieurs tubercules et/ou une ou plusieurs racines, 10 à 35% de lait en poudre, 10 à 30% de sucre, 15 à 35% de matière grasse laitière animale ou d'origine animale, 0 à 20% de protéines en poudre, 0 à 10% d'un ou plusieurs émulsifiants. L'invention porte également sur l'utilisation d'un tel aliment pour traiter et/ou prévenir la malnutrition et/ou les états de malabsorption et autres affections nécessitant un enrichissement en énergie et protéines, et porte également sur un procédé d'obtention d'un tel aliment.

[Consulter le mémoire](#)

## (11) 18256

- (51) A61K 31/00 (2018.01);  
A61K 36/47 (2018.01);  
A61K 9/16 (2018.01) ;  
A61P 31/18 (2018.01).
- (21) **1201700123 - PCT/FR2015/050413**
- (22) 20/02/2015
- (30) **FR n° 1455226 du 10/06/2014;**
- (54) Anthostema senegalense-based composition, for use as an anti-AIDS drug.
- (72) BALDE Aliou Mamadou (BE).
- (73) **BALDE Aliou Mamadou**, 14 rue Mareyde, B-1150 BRUXELLES (BE) et  
**LABORATOIRE MICHEL IDERNE**, Parc d'Activités du Rosenmeer, F-67560 ROSHEIM (FR).
- (74) Cabinet EKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).
- (57)  
The invention relates to a pharmaceutical composition based on Anthostema senegalense used as a drug in the treatment of HIV infection, AIDS and accompanying clinical manifestations. The composition can be used as an antiretroviral drug against HIV type 1 or HIV type 2. The composition preferably comprises a polar and/or apolar plant extract of Anthostema senegalense, preferably obtained from the stem bark of

Anthostema senegalense. The composition is preferably formulated in the form of microspheres produced using an extrusion and spheronisation" method, and then grouped together in capsules.

[Consulter le mémoire](#)

### (11) 18257

- (51) A61K 31/519 (2018.01);  
A61P 25/00 (2018.01) ;  
C07D 487/04 (2018.01).

(21) 1201700124 - PCT/EP2015/073417

(22) 09/10/2015

(30) DK n° PA 2014 00582 du 10/10/2014;

(54) Triazolopyrazinones as PDE 1 inhibitors.

(72) KEHLER, Jan (DK);  
JESSING, Mikkel (DK) et  
RASMUSSEN, Lars, Kyhn (DK).

(73) H Lundbeck A/S, Ottlieavej 9, DK-2500 VALBY (DK).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre, Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM)

(57)

The present invention provides triazolopyrazinones as PDE1 inhibitors and their use as a medicament, in particular for the treatment of neurodegenerative disorders and psychiatric disorders.

[Consulter le mémoire](#)

### (11) 18258

- (51) A61K 39/13 (2018.01);  
A61K 39/39 (2018.01);  
C12N 7/04 (2018.01) ;  
C12N 7/06 (2018.01).

(21) 1201700129 - PCT/IN2015/000376

(22) 06/10/2015

(30) IN n° 3180/MUM/2014 du 07/10/2014;

(54) Improved methods for enterovirus inactivation, adjuvant adsorption and dose reduced vaccine compositions obtained thereof.

(72) DHERE, Rajeev Mhalasakant (IN);  
ZADE, Jagdish Kamalaji (IN);  
SABALE, Rajendra Narayan (IN) et  
PISAL, Sambhaji Shankar (IN)

(73) SERUM INSTITUTE OF INDIA PRIVATE LIMITED, 212/2, Off Soli Poonawalla Road, Hadapsar- Pune, MAHARASHTRA, 411 028 Pune (IN).

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

(57)

The present invention is directed to improved methods of Enterovirus inactivation by formaldehyde in presence of tromethamine buffer resulting in maximum recovery of D-antigen. Subsequent adsorption of said sIPV on aluminium hydroxide provides significantly dose reduced sIPV compositions.

[Consulter le mémoire](#)

### (11) 18259

- (51) C04B 7/42 (2018.01).

(21) 1201700132 - PCT/US2015/063065

(22) 01/12/2015

(30) US n° 62/092,441 du 16/12/2014;  
US n° 62/104,985 du 19/01/2015;

(54) Ultra-high salinity surfactant formulation.

(72) SALAZAR, Luis, C. (US);  
LEWIS, David, C. (US) et  
GODAVARTHY, Srinivasa (US).

(73) HUNTSMAN PETROCHEMICAL LLC, 10003 Woodloch Forest Dr., THE WOODLANDS, TX 77380 (US).

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

(57)

Methods of enhanced oil recovery are disclosed that use compositions including an alkyl polyether anionic surfactant having the general structure R<sup>1</sup>JA, wherein R<sup>1</sup> is a C<sub>8</sub>-C<sub>18</sub> primary or secondary radical group, J is a random, block, alternating, or alternating block polyether segment having the structure [(PO)<sub>x</sub>(EO)<sub>y</sub>(BO)<sub>z</sub>], wherein x is 4 to 18, y is 0 to 20, and z is 0 to 5, and A is an anionic group; a co-surfactant having the general structure (R<sup>2</sup>)<sub>q</sub>(B)Ph-L-Ph(D)(R<sup>3</sup>)<sub>r</sub>, wherein R<sup>2</sup> and R<sup>3</sup> are each, independently in each instance, a

$C_8-C_{24}$  linear or branched, primary or secondary alkyl group, B and D are anionic groups, q is 1 to 3, r is 1 to 3, and L is O or  $CH_2$ ; and an alkoxy alcohol.

[Consulter le mémoire](#)

### (11) 18260

- (51) B03B 7/00 (2018.01);  
B03B 9/00 (2018.01);  
B03C 1/10 (2018.01);  
B03C 1/247 (2018.01) ;  
B03C 1/30(2018.01).

### (21) 1201700136 - PCT/BR15/050150

(22) 14/09/2015

#### (30) BR n° BR102014025420-0 du 10/10/2014;

(54) Method and system for total dry refining of iron oxide ore through a magnetic separation unit.

(72) FUMYO YAMAMOTO, Mauro (BR).

(73) New Steel Soluções Sustentaveis S.A., Av. Joao Cabral de Mello Neto, n° 850, East Tower Salas 1405 e 1406 CEO Offices, Barra da Tijuca, 22775-057 RIO DE JANEIRO-RJ (BR).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre, Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM)

(57)

The present invention discloses a system and a process for dry improvement of iron-oxide ore fines and superfines present in dump barrages and low-content dump, which comprise a hot-air injection dryer (9) with mechanical-agitation means and axles provided with blades (9.2) for disaggregating and moving the material in the horizontal and vertical directions; a set of aeroclassifiers operationally connected to the dryer outlet, which carry out classification of the fine and superfine iron ores into predetermined granulometry ranges, and magnetic separators (13, 16, 19) with magnetic rollers (32, 42,47) arranged in cascade, formed by rare-earth magnets of low and/or high magnetic intensity, wherein the magnetic rollers are arranged at a determined inclination angle.

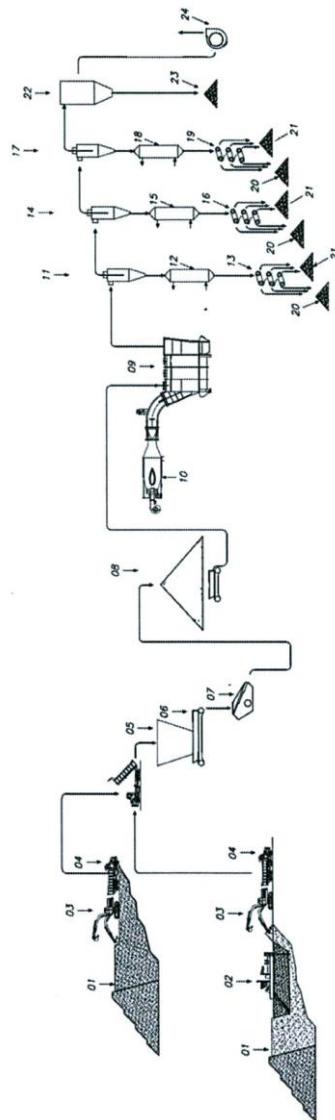


Fig. 1

[Consulter le mémoire](#)

### (11) 18261

- (51) A47G 33/00 (2018.01);  
A63H 3/02 (2018.01);  
A63H 3/33 (2018.01) ;  
A63H 5/00 (2018.01)

### (21) 1201700139 - PCT/IB15/001946

(22) 19/10/2015

#### (30) IE n° EP2014/002857 du 07/10/2014;

(54) Inspirational talking toys.

(72) M. OSAROGIAGBON Kelvin (IE).

(73) M. OSAROGIAGBON Kelvin, Flat 2, Francis Court, Newbridge, CO. KILDARE, Ireland Zip code 001 (IE).

(74) Maître AKE Raymond, Avocat à la Cour, 05 B.P. 875, ABIDJAN 05 (CI).

(57)

This invention relates to toys for children. Particularly, the invention provides Inspirational, bible/biblical verses, messages and mini songs through an SD card Reader device inside the toy that can be heard once the buttons located in different places (arm, leg etc...) connected to the device are pushed. The advantage of the toy is that it will recite the inspirational and/or biblical information in a youthful way so that the children are interested and can understand the meaning of the different Inspirational, bible/biblical verses, messages and mini songs; and it will be safe for children to play with and the audio files installed on the SD card will be under parental control. The inspirational and/or biblical information derived from within the toy by software reading the SD card, written in a proprietary fashion so as to ensure only messages created for the product can be played via the SD card reader on the plush toy, therefore ensuring that no other unsuitable material can be played/listened too on the toy or through the G kingdom games application (App).

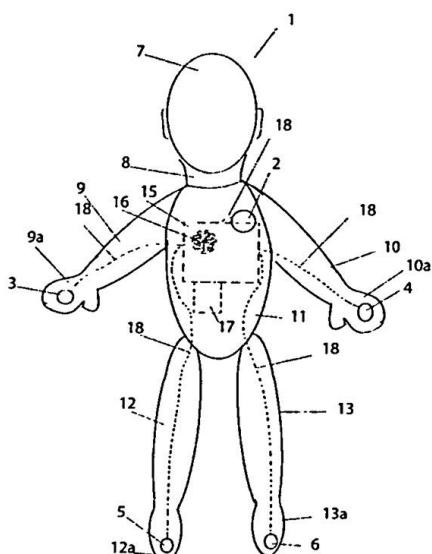


Fig. 4

[Consulter le mémoire](#)**(11) 18262**

- (51) A01N 25/34 (2018.01);  
A01N 31/14 (2018.01);  
A01N 53/00 (2018.01);  
A01P 7/00 (2018.01).

(21) 1201700148 - PCT/EP2015/072037

(22) 24/09/2015

(30) GB n° 1418924.5 du 24/10/2014;

(54) Storage bag.

- (72) GUILLET, Pierre (TZ);  
SHAH, Anuj (TZ) et  
DOVE, Rachel (TZ).

(73) **A to Z Textile Mills Ltd**, P.O. Box 945, Unga Limited Industrial Area, ARUSHA (TZ).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre , Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM).

(57)

A storage bag with an inside and an outside, the storage bag comprising multiple layers, the multiple layers comprising an airtight layer, an insect barrier layer comprising an insecticide or insect repellent, and a chemical barrier layer for limiting permeation of the insecticide or insect repellent through the chemical barrier layer, wherein the chemical barrier layer is arranged between the inside of the storage bag and any insect barrier layer. A method of using the storage bag. A film and method for manufacturing the storage bag.

Fig. 1

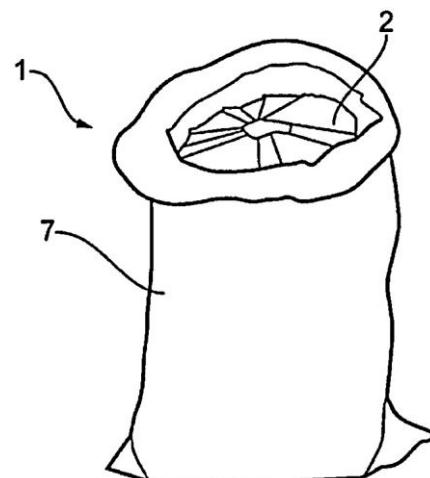


FIG. 1

[Consulter le mémoire](#)**(11) 18263**

- (51) A61K 31/138 (2018.01);  
A61K 31/404 (2018.01);  
A61K 9/16 (2018.01);  
A61K 9/24 (2018.01).

(21) 1201700163 - PCT/FR2015/052975

(22) 04/11/2015

(30) FR n° 1460654 du 05/11/2014;

(54) Composition pharmaceutique comprenant un bêtabloquant et un inhibiteur de l'enzyme de conversion.

(72) Gilles FONKNECHTEN (FR)

(73) LES LABORATOIRES SERVIER, 35 rue de Verdun, F-92284 SURESNES CEDEX (FR).

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

(57)

Composition pharmaceutique fixe comprenant un bêtabloquant, le bisoprolol, et un inhibiteur de l'enzyme de conversion de l'angiotensine, le périndopril et, utilisation de ladite composition pour le traitement de la prévention de maladies cardiovasculaires et plus particulièrement l'hypertension artérielle, la maladie coronaire stable ou l'insuffisance cardiaque chronique.

[Consulter le mémoire](#)

## (11) 18264

(51) A61K 31/444 (2018.01);

A61K 31/497 (2018.01);

A61P 25/28 (2018.01);

C07D 211/72 (2018.01);

C07D 401/12 (2018.01);

C07D 413/12 (2018.01) ;

C07D 417/12 (2018.01).

## (21) 1201700164 - PCT/EP2015/076014

(22) 09/11/2015

(30) DK n° PA201400649 du 10/11/2014;

DK n° PA201500450 du 07/08/2015;

(54) 2-amino-3,5-difluoro-3,6-dimethyl-6-phenyl-3,4,5,6-tetrahydropyridines as bacel inhibitors for treating Alzheimer's disease.

(72) MARIGO, Mauro (DK);

TAGMOSE, Lena (DK) et

JUHL, Karsten (DK).

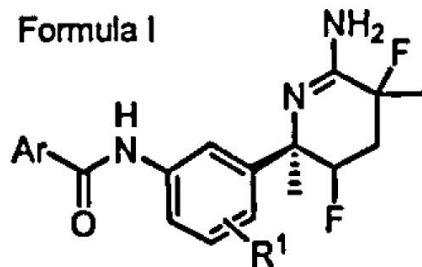
(73) H. Lundbeck A/S, Otiliavej 9, DK-2500 VALBY (DK).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre , Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM).

(57)

The present invention is directed to compounds according to Formula (I)

Formula I



which compounds are inhibitors of the BACE1 enzyme. Separate aspects of the invention are directed to pharmaceutical compositions comprising said compounds and uses of the compounds to treat disorders for which the reduction of A<sub>B</sub> deposits is beneficial such as Alzheimer's disease.

[Consulter le mémoire](#)

## (11) 18265

(51) A61K 31/4439 (2018.01);

A61K 31/444 (2018.01);

A61K 31/497 (2018.01);

A61K 31/506 (2018.01);

A61P 25/28 (2018.01);

C07D 401/12 (2018.01);

C07D 413/12 (2018.01) ;

C07D 417/12 (2018.01).

## (21) 1201700165 - PCT/EP2015/076015

(22) 09/11/2015

(30) DK n° PA201400648 du 10/11/2014;

DK n° PA201500447 du 07/08/2015;

(54) 2-amino-6-(difluoromethyl)-5,5-difluoro-6-phenyl-3,4,5,6-tetrahydropyridines as bacel inhibitors.

(72) MARIGO, Mauro (DK);

TAGMOSE, Lena (DK) et

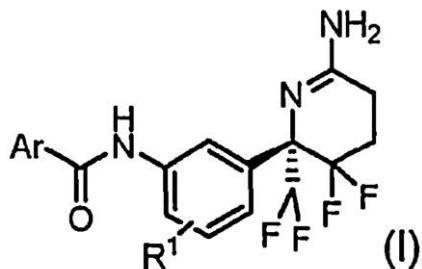
JUHL, Karsten (DK).

(73) H. Lundbeck A/S, Otiliavej 9, DK-2500 VALBY (DK).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre , Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM).

(57)

The present invention is directed to compounds according to formula (I)



Which according are inhibitors of the BACE1 enzyme. Separate aspects of the invention are directed to pharmaceutical compositions comprising said compounds and uses of the compounds to treat disorders for which the reduction of A<sub>β</sub> deposits is beneficial such as Alzheimer's disease.

[Consulter le mémoire](#)

**(11) 18266**

- (51) E21B 19/16 (2018.01).  
 (21) 1201700166 - PCT/US2015/056542  
 (22) 21/10/2015  
 (30) US n° 62/075,461 du 05/11/2014;  
 US n° 14/683,391 du 10/04/2015;  
 (54) Modular adapter for tongs.  
 (72) AMEZAGA, Federico (US);  
 HELMS, Martin (DK) et  
 LIESS, Martin (DK).  
 (73) Weatherford Technology Holdings, LLC,  
 2000 St. James Place, HOUSTON, Texas 77056  
 (US).  
 (74) SPOOR & FISHER (Inc. NGWAFOR &  
 PARTNERS SARL), The Hilton Hotel, Entrance :  
 Business Centre , Second Floor, Suite 208A, 20th  
 May Boulevard, P.O. Box 8211, YAOUNDE (CM).  
 (57)

A portable tong system includes : a power tong; a backup tong; and an adapter. The adapter includes : a main frame having a base for mounting the backup tong; a mount for mounting the main frame to a positioning system; a leveling frame for torsional connection to the power tong; a suspension mounted to the leveling frame for supporting the power tong; a linear actuator for raising and lowering the leveling frame relative to the main frame; and a torsional arrestor torsionally connecting the leveling frame to the main frame.

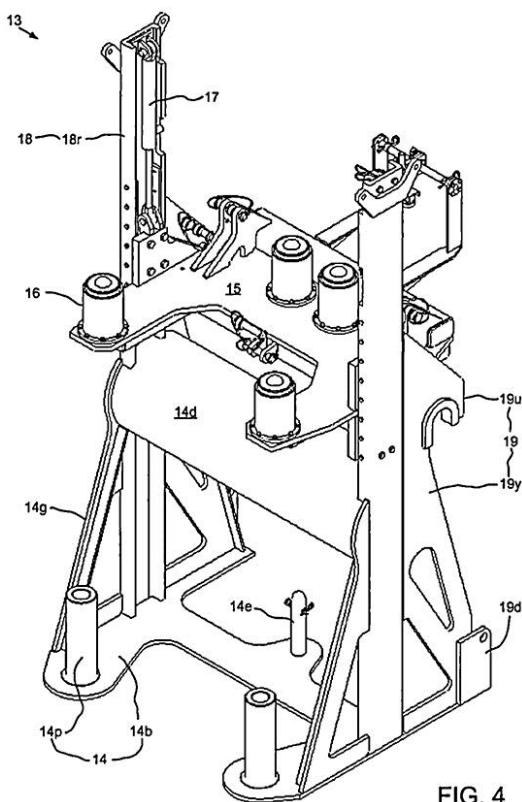


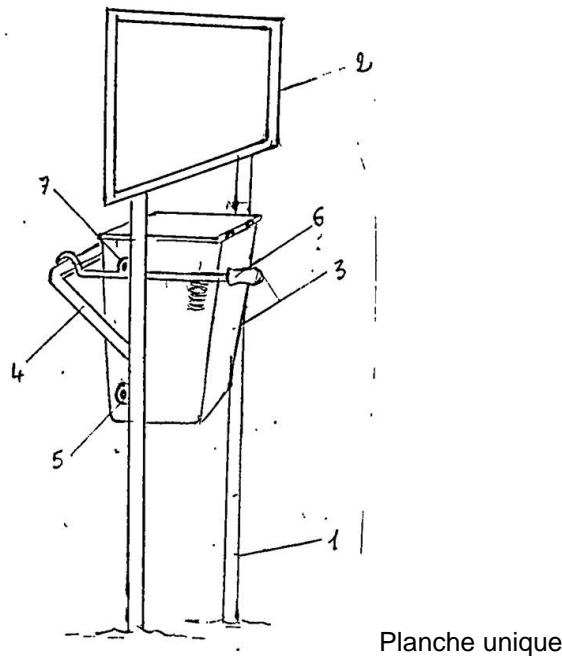
FIG. 4

[Consulter le mémoire](#)

**(11) 18267**

- (51) B65F 1/12 (2018.01).  
 (21) 1201700167  
 (22) 03/01/2017  
 (54) Dispositif composé d'une plaque indicative et  
 d'une corbeille basculante pour ordures et  
 déchets.  
 (72) LALLA MARIAM MOHAMED MINI (MR)  
 (73) LALLA MARIAM MOHAMED MINI,  
 B.P. 2500, NOUAKCHOTT (MR).  
 (57)

La présente invention concerne un dispositif muni d'une corbeille (3) basculante pour déchets et ordures et au dessus de cette corbeille (3) est placée une plaque (2) sous forme de panneau indicatif. Les personnes peuvent verser les déchets ou ordures le jour comme la nuit. Le panneau (2) orange florissant brille à tout moment. Le dispositif est trempé dans une couche antirouille pour pouvoir supporter l'humidité. Le dispositif est à la portée de tous les usagers et placé à proximité des édifices publics et des institutions administratives.



[Consulter le mémoire](#)

### (11) 18268

(51) E21B 17/01 (2018.01) ;  
E21B 23/00 (2018.01).

(21) 1201700168

(22) 09/05/2017

(30) US n° 15/153,356 du 12/05/2016;

(54) Rotating control device, and installation and retrieval thereof.

(72) WAGONER, Danny W. (US) et  
LE, Tuong T. (US)

(73) **WEATHERFORD TECHNOLOGY HOLDINGS**, LLC, 2000 St. James Place, HOUSTON, TX 77056 (US)

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

(57)

A rotating control device can include a latch assembly with a lock ring that permits displacement of an inner mandrel in one longitudinal direction, and prevents displacement of the inner mandrel in an opposite longitudinal direction. Another rotating control device can include a latch assembly and an equalization valve having an open configuration in which fluid communication is permitted between an exterior and an interior of the rotating control device through the equalization valve, the latch assembly changing from a latched to an unlatched configuration only when the equalization valve is

in the open configuration. A method of installing a rotating control device can include releasing a running tool from the rotating control device by producing relative rotation between components of the running tool.

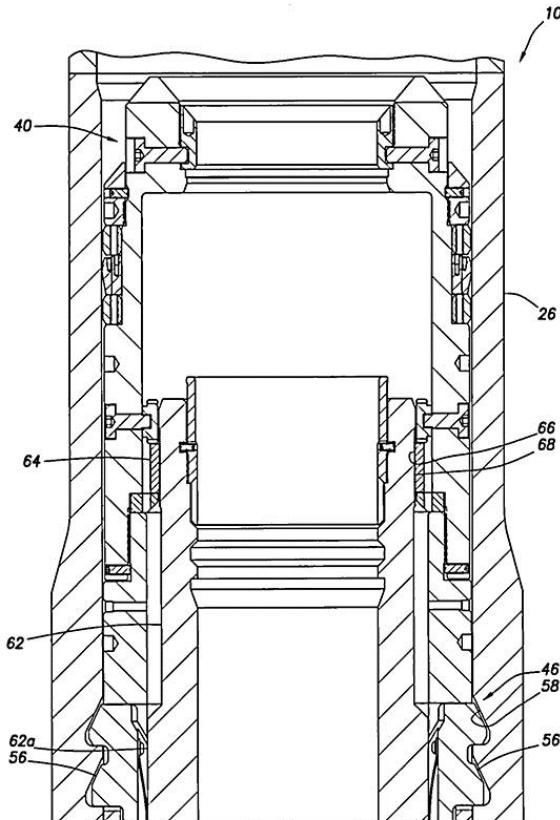


Fig. 6A

[Consulter le mémoire](#)

### (11) 18269

(51) A01N 43/78 (2018.01)

(21) **1201700169 - PCT/US2015/060084**

(22) 11/11/2015

(30) US n° 62/078,384 du 11/11/2014;

(54) Compositions and methods of treatment with prodrugs of tizoxanide, an analogue or salt thereof.

(72) ROSSIGNOL, Jean-Francois (US) et  
STACHULSKI, Andrew (US).

(73) **Romark Laboratories, L.C.**, 3000 Bayport Drive, Suite 200, TAMPA, Florida 33607 (US).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre, Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM).

(57)

Prodrugs of tizoxanide, an analogue or salt thereof are disclosed. The prodrugs have an ester moiety comprising an amino acid moiety, and

increase the bioavailability of the tizoxanide, an analogue or salt thereof. Compositions and methods of treating an intracellular protozoan infection, a viral infection or a cancer are also disclosed.

[Consulter le mémoire](#)

**(11) 18270**

(51) C02F 3/00 (2018.01) ;  
C02F 3/02 (2018.01).

(21) **1201700171 - PCT/US2015/059765**

(22) 09/11/2015

(30) **US n° 14/542,521 du 14/11/2014;**

(54) Multi-functional fecal waste and garbage processor and associated methods.

(72) JANICKI, Peter (US).

(73) **BILL & MELINDA GATES FOUNDATION,**

500 5th Avenue North, SEATTLE, WA 98109 (US)

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

(57)

At least one aspect of the technology provides a self-contained processing facility configured to convert organic, high water-content waste, such as fecal sludge and garbage, into electricity while also generating and collecting potable water.

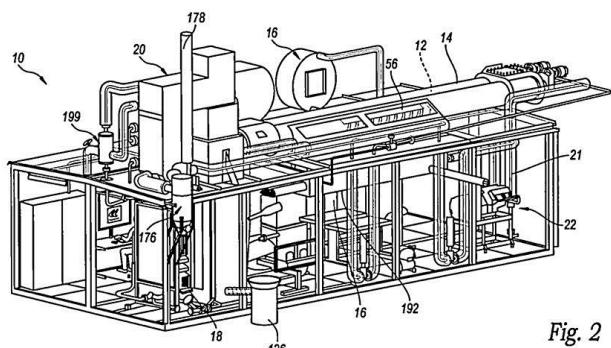


Fig. 2

[Consulter le mémoire](#)

**(11) 18271**

(51) C07K 14/47 (2018.01) ;  
G01N 33/569 (2018.01).

(21) **1201700173 - PCT/IB2015/058997**

(22) 20/11/2015

(30) **GB n° 1420695.7 du 21/11/2014;**

(54) Peptide for HIV detection.

(72) PRETORIUS Ashley (ZA);  
GABERE Musa Nur (US);

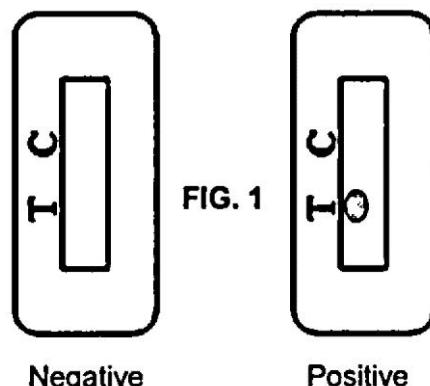
TINCHO Marius Belmondo (ZA) et  
WILLIAMS Monray Edward (ZA).

(73) **University of the Western Cape.,** Robert Sobukwe Road, 7535 BELLVILLE (ZA)

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

(57)

This invention relates to one or more isolated or synthetic HIV p24 N-terminal binding peptides for diagnosis of HIV infection in a subject by detecting binding of the peptide to HIV p24 in a sample from the subject. The invention further relates to a test device and a kit comprising the one or more peptides of the invention for detection of HIV in a sample from a subject and a method of use of the one or more peptides, the test device and/or the kit.



[Consulter le mémoire](#)

**(11) 18272**

(51) G06Q 20/16 (2018.01);  
G06Q 20/32 (2018.01) ;  
G06Q 20/38 (2018.01).

(21) **1201700174**

(22) 12/05/2017

(30) **FR n° 1654283 du 13/05/2016;**

(54) Procédés de mise en œuvre d'une transaction via un terminal mobile.

(72) BARDY Mikael (FR);  
BRAUD Nicolas (FR) et  
JANICAUD Nicolas (FR).

(73) **BOUYGUES**, 32, avenue Hoche, 75008 PARIS (FR) et

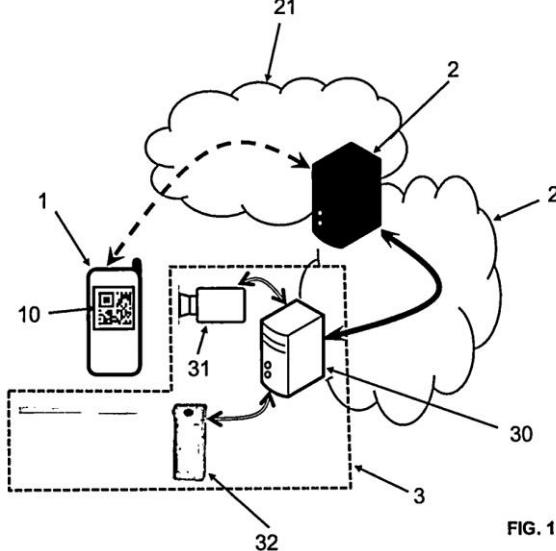
**BOUYGUES TRAVAUX PUBLICS**, 1, avenue Eugène Freyssinet, 78280 GUYANCOURT (FR)

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

(57)

La présente invention concerne un procédé de mise en œuvre d'une transaction via un terminal mobile (1) connecté à un réseau opérateur (21), caractérisé en ce qu'il comprend des étapes de : (a) Emission depuis le terminal (1) à destination d'un serveur (2) du réseau opérateur (21) d'une requête contenant des informations d'identification du terminal (1) ; (b) Génération par le serveur (2) d'un jeton de paiement en fonction de données associées au terminal (1) stockées dans une base de données du serveur (2), et transmission au terminal mobile (1) ; (c) Transcription optique du jeton en un signal optique ; (d) Affichage dudit signal optique par un écran (10) du terminal (1) de sorte à être capté par des moyens d'acquisition optique (31) d'un équipement de paiement (3) ; (e) Transcription inverse du signal optique par un module de traitement (30) de l'équipement (3) en le jeton de paiement ; (f) Vérification du jeton par le module de traitement (30), et autorisation de la transaction en fonction du résultat de la vérification.

Fig. 1



[Consulter le mémoire](#)

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(11) 18273

- (51) G21H 1/00 (2018.01)  
 (21) 1201700175 - PCT/AU15/050712  
 (22) 13/11/2015  
 (30) AU n° 2014904588 du 14/11/2014;  
 (54) Electrical generator system.  
 (72) WHITEHEAD, Steven (AU).  
 (73) Kinetic Energy Australia Pty Ltd,

32 Needham Street, FIGTREE POCKET, Queensland 4069 (AU).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre , Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM).  
 (57)

A power battery using the energy from a radioactive material. The arrangement uses ZnO as a semiconductor, with energy generated a metal-semiconductor junction. The ZnO is arranged in thin layers. This allows for good durability and relatively high power production.

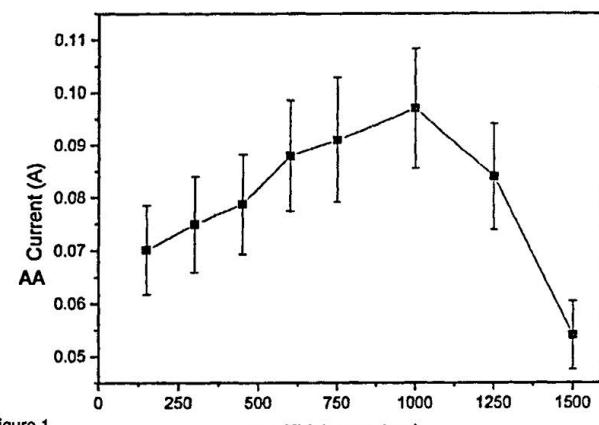


Figure 1  
 AA Courant (A)  
 BB Épaisseur (mm)

Fig. 1

[Consulter le mémoire](#)

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(11) 18274

- (51) B01J 2/30 (2018.01) ;  
 C05G 3/00 (2018.01).  
 (21) 1201700176 - PCT/EP2015/077603  
 (22) 25/11/2015  
 (30) NO n° 20141420 du 26/11/2014;  
 (54) Conditioning agent for a particulate fertilizer for reducing hygroscopicity and dust formation.  
 (72) OBRESTAD, Torstein (NO) et  
 TANDE, Terje (NO).  
 (73) Yara International ASA, P.O. Box 343 Skøyen, N-0213 OSLO (NO).  
 (74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre, Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM).  
 (57)

The invention relates to a conditioning agent for reducing water absorption and dust formation of a particulate fertilizer, comprising 10 to 50 weight% of wax, 40 to 90 weight% of mineral oil and 1 to 15 weight% of a resin being mineral oil-soluble and miscible with wax and mineral oil, wherein the agent further comprises 0,1 to 1 weight% of a viscoelastic elastomer selected from the group of polyisobutylene and styrene-isoprene-styrene block copolymer which is soluble in mineral oil and has an average molecular weight of 30.000 to 5.000.000. The invention further relates to a particulate fertilizer composition, preferably a urea-ammonium sulfate (UAS) fertilizer, a urea fertilizer or a calcium nitrate fertilizer, comprising a particulate substrate, preferably an hygroscopic fertilizer, preferably a nitrogen-containing fertilizer, and 0.05 to 2 weight% of said coating thereon for reducing moisture uptake and dust formation of said fertilizer.

[Consulter le mémoire](#)

### (11) 18275

(51) H04W 48/08 (2018.01) ;  
H04W 48/16 (2018.01).

(21) 1201700177 - **PCT/SE14/051390**

(22) 20/11/2014

(30)

(54) Methods and apparatus for verifying system information.

(72) ERIKSSON, Erik (SE);  
HESSLER, Martin (SE) et  
FRENGER, Pål (SE).

(73) Telefonaktiebolaget LM Ericsson (publ),  
S-164 83 STOCKHOLM (SE).

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre, Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM).  
(57)

The present invention relates to a method performed by a wireless device. The wireless device is configured with information associated with at least one of the wireless device and one or more wireless communication networks to which the wireless device is connectable. The method comprises determining (310) a device hash code based on the configured information in the wireless device. The method also comprises determining (320) whether the configured

information in the wireless device needs to be updated based on the device hash code and an exchange of information with a network node of a wireless communication network. The present invention also relates to a corresponding method performed by the network node, as well as the wireless device and the network node.

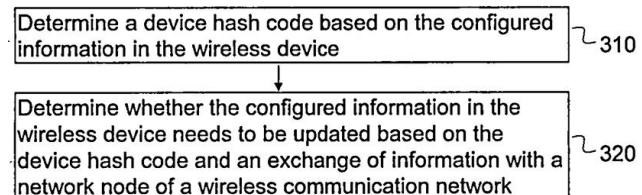


Fig. 3a

[Consulter le mémoire](#)

### (11) 18276

(51) H04W 52/02 (2018.01).

(21) 1201700178 - **PCT/JP2016/058195**

(22) 15/03/2016

(30) **JP n° 2015-077226 du 03/04/2015;**

(54) Base station and user device.

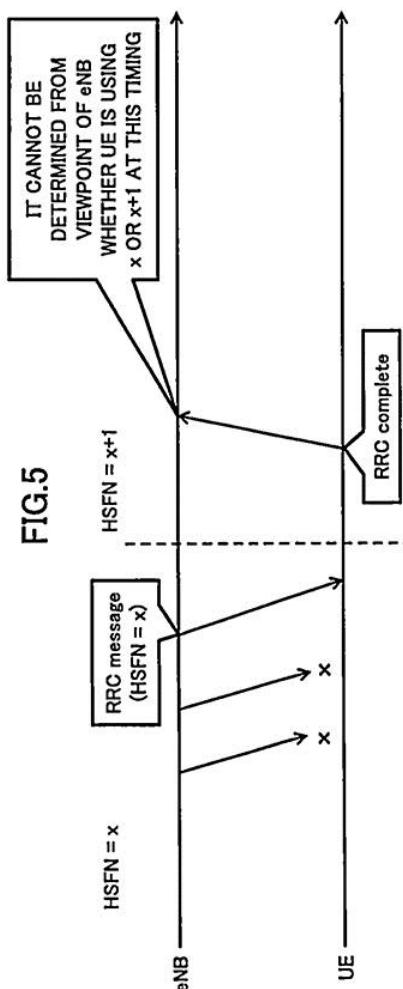
(72) UCHINO, Tooru (JP);  
TAKAHASHI, Hideaki (JP) et  
HAPSARI, Wuri Andarmawanti (JP).

(73) **NTT DOCOMO, INC.**, 11-1, Nagatacho 2-chome, Chiyoda-ku, TOKYO 100-6150 (JP)

(74) SPOOR & FISHER (Inc. NGWAFOR & PARTNERS SARL), The Hilton Hotel, Entrance : Business Centre, Second Floor, Suite 208A, 20th May Boulevard, P.O. Box 8211, YAOUNDE (CM)

(57)

Schemes for configuring a longer DRX cycle for user equipment are disclosed. One aspect of the present invention relates to a base station, comprising : a communication control unit configured to control radio communication with user equipment; and a DRX control unit configured to control discontinuous reception (DRX) by the user equipment, wherein the DRX control unit manages a system frame number (SFN), a subframe number and a hyper SFN (HSFN) in the radio communication, wherein the HSFN counts how many times the SFN wraps around, and uses the HSFN to configure an extended DRX (eDRX) having a specified reception period for the user equipment.



[Consulter le mémoire](#)

### (11) 18277

- (51) A01F 12/18 (2018.01);  
A23G 1/06 (2018.01);  
A23N 5/00 (2018.01) ;  
B02B 3/04 (2018.01).

(21) 1201700179

(22) 16/05/2017

(54) Machine écabosseuse de cacao, dispositif utilisé à cet effet.

(72) NTENGA RICHARD (CM).

(73) **NTENGA RICHARD**, UN/IUT, Campus de Dang, B.P. 455, NGAOUNDERE (CM).

(57)

Cette invention porte sur une machine spécialement conçue pour détruire simultanément et en toute sécurité les coques de plusieurs cabosses de cacao. Cette machine comporte plusieurs outils-fraises régulièrement disposés sur deux rouleaux cylindriques tournant en sens

contraires l'un par rapport à l'autre. Les outils-fraises sont affûtés de façon à pénétrer aisément la coque. Leur disposition en rangées quinconces le long du rouleau assure un broyage simultané sur plusieurs coques. L'interaction synchrone des rouleaux combinée à la pénétration des outils-fraises permet de déchiqueter la coque en préservant l'intégrité des fèves contenues. En cas de cabosse résistante, une étape froissage par un rouleau à ergots hélicoïdaux a ensuite été prévue. Cette machine utilise une motorisation électrique ou thermique dont la puissance a été estimée à 1,5 kW. Les résultats obtenus sur un prototype indiquent que notre écabosseuse est très productive, avec un rendement est de plus de 98% et peut broyer 90 000 coques de cabosses par jour.

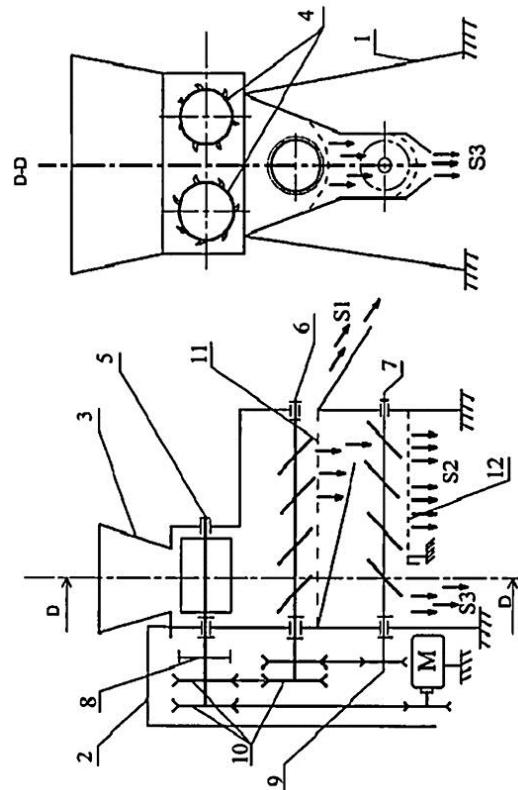


Fig. 1

[Consulter le mémoire](#)

### (11) 18278

- (51) C07K 14/34 (2018.01);  
C12N 15/10 (2018.01);  
C12N 15/70 (2018.01).

(21) 1201700181 - PCT/IN2015/000427

(22) 17/11/2015

(30) IN n° 4045/CHE/2014 du 20/11/2014;

(54) Codon optimized polynucleotide for high level expression of CRM197.

(72) AKSHAY GOEL (IN);  
 RAVI PRATAP NARAYAN MISHRA (IN);  
 NARENDER DEV MANTENA (IN) et  
 MAHIMA DATLA (IN).

(73) **BIOLOGICAL E LIMITED**, 18/1 & 3,  
 Azamabad, HYDERABAD 500 020, Telangana  
 (IN).

(74) AFRIC'INTEL CONSULTING, B.P. 8451,  
 YAOUNDE (CM).

(57)

The present invention relates to high level expression of bacterial toxoid or toxin protein of pharmacological interest by means of an optimized novel polynucleotide sequence and host transformed with the said polynucleotide. Specifically, the invention provides a method for high production of polypeptide CRM197 wherein, the polynucleotide of the invention is used to transform a suitable host resulting in over-expression of corresponding proteins and a method for isolating the expressed polypeptide. More particularly, the present invention relates to high level expression of CRM197 in Escherichia coli and a method for the isolation and purification thereof.

[Consulter le mémoire](#)

## (11) 18279

(51) A01N 43/68 (2018.01);  
 A01N 43/707 (2018.01);  
 A01N 43/80 (2018.01);  
 A01P 13/00 (2018.01);  
 A01P 21/00 (2018.01).

(21) **1201700183 - PCT/EP2015/076643**

(22) 16/11/2015

(30) **EP n° 14193611.2 du 18/11/2014;**

(54) Use of certain herbicide combinations in tuberous root crop plants.

(72) ELSHERIF, Mohamed (DE).

(73) **BAYER CROPSCIENCE AKTIEN-GESELLSCHAFT**, Alfred-Nobel-Str. 50, 40789 MONHEIM AM RHEIN (DE).

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

(57)

The present invention primarily relates to the use of specific herbicide combinations or of a

composition comprising specific herbicide combinations for controlling harmful plants in tuberous root crop plants, preferably in cassava. The present invention also relates to the use of specific herbicide combinations or of a composition comprising specific herbicide combinations as plant growth regulators for tuberous root crop plants, preferably for cassava. Furthermore, the present invention relates to a corresponding method of controlling harmful plants in tuberous root crop plants and to a corresponding method of regulating plant growth of tuberous root crop plants.

[Consulter le mémoire](#)

## (11) 18280

(51) B60L 11/10 (2018.01);  
 H02K 21/24 (2018.01) ;  
 H02P 9/04 (2018.01).

(21) **1201700185 - PCT/JP2015/082928**

(22) 24/11/2015

(30) **JP n° 2014-237372 du 25/11/2014;**  
**JP n° 2015-196667 du 02/10/2015;**  
**JP n° 2015-196668 du 02/10/2015;**  
**JP n° 2015-196669 du 02/10/2015;**  
**JP n° 2015-196670 du 02/10/2015.**

(54) Electric current supply system, electric power supply system and control device.

(72) HINO Haruyoshi (JP).

(73) **YAMAHA HATSUDOKI KABUSHIKI KAISHA**, 2500 Shingai, Iwata-shi, SHIZUOKA 4388501 (JP).

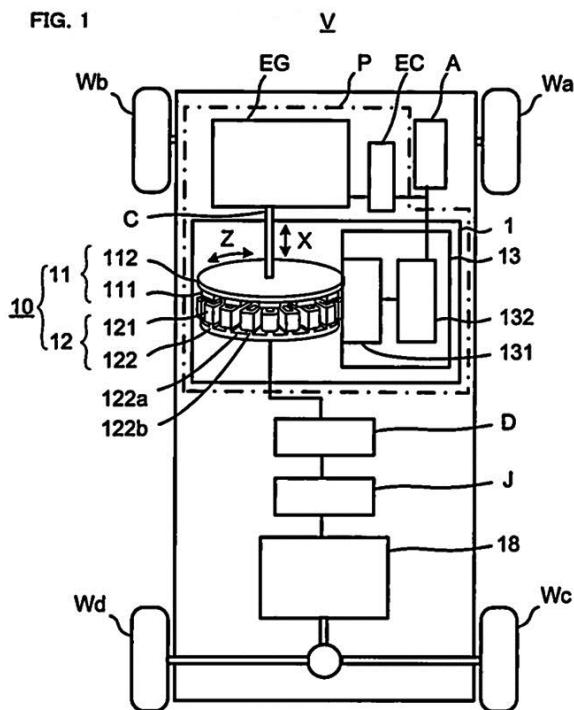
(74) Cabinet EKÉMÉ LYSAGHT SARL, B.P. 6370, YAOUNDE (CM).

(57)

Provided is a current supply system that is capable of downsizing, compatible with both a drive source with a wide rotation speed range and a drive source with a narrow rotation speed range, and able to supply a current appropriately. A current supply system configured to receive a rotational driving force from a drive source and supply a current to an electrical load device that requires a current that can be variable a rotor connected to the drive source, and including a permanent magnet; a stator arranged opposed to the rotor, and including a winding and a stator core with the winding wound thereon; and a supply current adjustment unit that adjusts a current to be supplied to the electrical load device, the adjustment implemented by changing an inductance of the winding, the change

implemented by changing a magnetic resistance of a magnetic circuit for the winding in accordance with a current requirement of the current supply system, the magnetic circuit passing through the stator core.

FIG. 1



[Consulter le mémoire](#)

### (11) 18281

(51) B60L 11/10 (2018.01);  
H02K 21/24 (2018.01);  
H02P 9/04 (2018.01).

### (21) 1201700186 - PCT/JP2015/082929

(22) 24/11/2015

(30) JP n° 2014-237372 du 25/11/2014;  
JP n° 2015-196667 du 02/10/2015;  
JP n° 2015-196668 du 02/10/2015;  
JP n° 2015-196669 du 02/10/2015;  
JP n° 2015-196670 du 02/10/2015.

(54) Electric power supply system, control device, vehicle, and engine/generator unit for vehicle drive.

(72) HINO Haruyoshi (JP).

(73) YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 Shingai, Iwata-shi, SHIZUOKA 4388501 (JP).

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

(57)

Provided is an electric power supply system, a control device, a vehicle, and an engine generator

unit for driving a vehicle that are able to make adjustment responsive to a requirement of increasing a current with suppression of a decrease in fuel efficiency.

An electric power supply system includes: an engine including an engine output adjustment unit that adjusts rotational power; a generator that receives the rotational power from the engine and supplies a current to an electrical load device, the generator including a rotor, a stator, and a supply current adjustment unit, the supply current adjustment unit configured to adjust the current to be supplied to the electrical load device, the adjustment implemented by changing an inductance of a winding, the change implemented by changing a magnetic resistance of a magnetic circuit for the winding, which passes through the stator core and a control device configured to, upon a requirement of increasing the current to be supplied to the electrical load device, control the current to be supplied to the electrical load device by controlling both the engine output adjustment unit and the supply current adjustment unit that adjusts the current by changing the inductance of the winding.

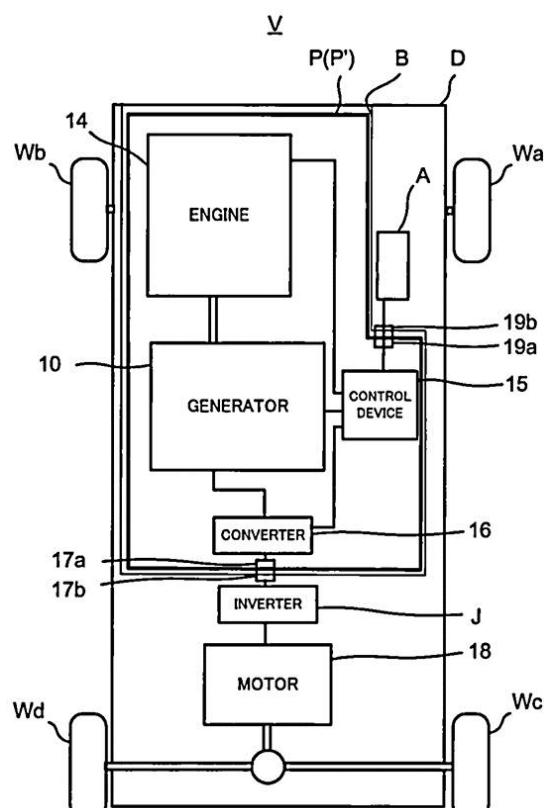


Fig. 1

[Consulter le mémoire](#)

## (11) 18282

- (51) B60L 11/10 (2018.01);  
 H02K 21/24 (2018.01);  
 H02P 9/04 (2018.01).

(21) 1201700187 - PCT/JP2015/082930

(22) 24/11/2015

- (30) JP n° 2014-237372 du 25/11/2014;  
 JP n° 2015-196667 du 02/10/2015;  
 JP n° 2015-196668 du 02/10/2015;  
 JP n° 2015-196669 du 02/10/2015;  
 JP n° 2015-196670 du 02/10/2015.

(54) Transmission device, control device, and vehicle.

(72) HINO Haruyoshi (JP).

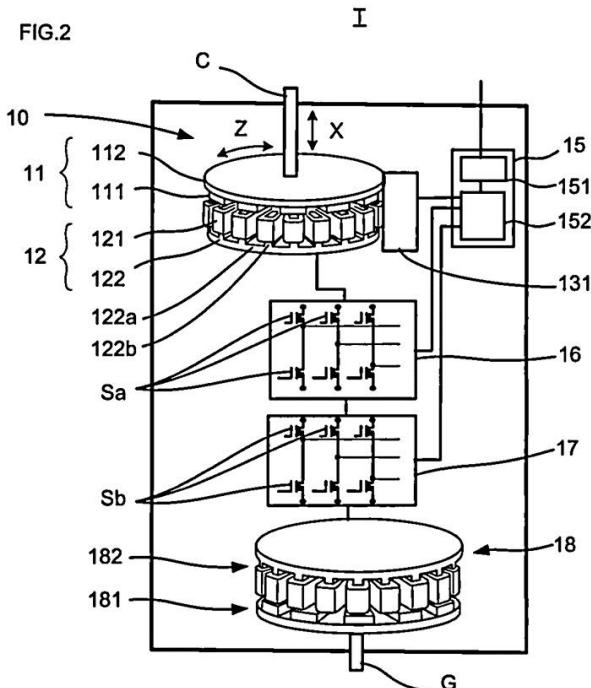
(73) YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 Shingai, Iwata-shi, SHIZUOKA 4388501 (JP).

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

(57)

Provided are a transmission device, etc. that can expand a torque adjustment range while suppressing reductions in the fuel efficiency of an engine. The transmission device is provided with: a generator that outputs electric power in accordance with rotational power transmitted from an engine and that has a rotor, a stator, and a supplied electric current adjustment unit that changes the magnetic resistance of a magnetic circuit that is seen from a winding and that passes through a stator core, and thereby changes the inductance of the winding and adjusts the electric current that is outputted from the generator; a motor that is driven by the electric power that is outputted from the generator, and that outputs rotational power to a rotation mechanism; and a control device that, in accordance with torque demand on the transmission device for torque that is outputted from the transmission device to the rotation mechanism, performs control of the supplied electric current adjustment unit and makes the supplied electric current adjustment unit adjust electric current by making the supplied electric current adjustment unit change the inductance of the winding.

FIG.2



[Consulter le mémoire](#)

## (11) 18283

- (51) B60L 11/10 (2018.01);  
 H02K 21/24 (2018.01);  
 H02P 9/04 (2018.01).

(21) 1201700188 - PCT/JP2015/082931

(22) 24/11/2015

- (30) JP n° 2014-237372 du 25/11/2014;  
 JP n° 2015-196667 du 02/10/2015;  
 JP n° 2015-196668 du 02/10/2015;  
 JP n° 2015-196669 du 02/10/2015;  
 JP n° 2015-196670 du 02/10/2015.

(54) Drive system and vehicle.

(72) HINO Haruyoshi (JP).

(73) YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 Shingai, Iwata-shi, SHIZUOKA 4388501 (JP).

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

(57)

Provided are a drive system, etc. that can perform adjustments in accordance with demand for increases in torque while suppressing reductions in fuel efficiency. The drive system is provided with: an engine that has an engine output adjustment unit; a generator that has a supplied electric current adjustment unit that changes the magnetic resistance of a magnetic circuit that passes through a stator core, and thereby

changes the inductance of a winding and adjusts the electric current that is outputted from the generator; a motor that is directly or indirectly as well as removably connected to a rotational drive mechanism and that is configured so as to be driven by electric power that is outputted from the generator and to output rotational power to the rotational drive mechanism; and a control unit that is configured so as to control, in accordance with torque demand on the drive system for torque that is outputted from the drive system to the rotational drive mechanism, both the engine output adjustment unit and the supplied electric current adjustment unit that adjusts electric current by changing the inductance of the winding.

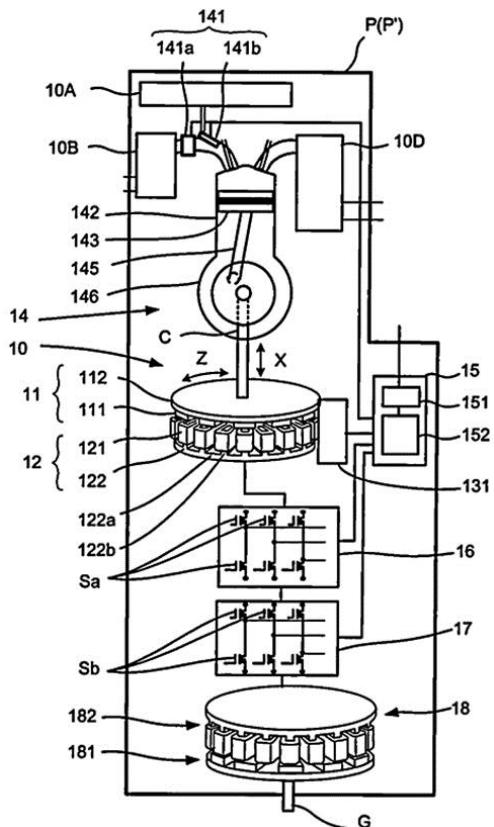


Fig. 2

[Consulter le mémoire](#)

#### (11) 18284

- (51) B60L 11/10 (2018.01);  
 B60W 10/00 (2018.01);  
 B60W 20/00 (2018.01);  
 H02K 21/24 (2018.01);  
 H02P 9/04 (2018.01).
- (21) 1201700189 - PCT/JP2015/082932  
 (22) 24/11/2015

- (30) JP n° 2014-237372 du 25/11/2014;  
 JP n° 2015-196667 du 02/10/2015;  
 JP n° 2015-196668 du 02/10/2015;  
 JP n° 2015-196669 du 02/10/2015;  
 JP n° 2015-196670 du 02/10/2015.

(54) Vehicle and engine/generator unit for vehicle drive.

(72) HINO Haruyoshi (JP).

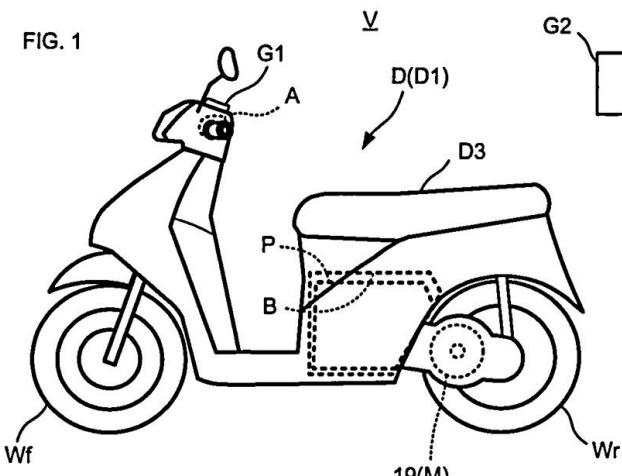
(73) YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 Shingai, Iwata-shi, SHIZUOKA 4388501 (JP).

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

(57)

Provided is a vehicle, or the like, that is as convenient as an engine vehicle from the user's standpoint and able to shorten a maintenance time for maintenance of the engine vehicle from the user's standpoint.

The vehicle includes: a vehicle body; an electromotive driving unit mounted on the vehicle body, the electromotive driving unit driven electrically; an engine operable with a liquid fuel; a generator that generates electric power, the generator driven by the engine, and a control device including a power generation control unit and an electric power output unit, the power generation control unit outputting a signal for controlling the engine and the generator, the electric power output unit outputting electric power generated by the generator to the electromotive driving unit, the control device in combination with the engine and the generator constituting a physically integrated unit that is mountable to and dismountable from the vehicle body, the control device configured to output a store visit promotion signal to an informing device while the unit is mounted on the vehicle body, the informing device prompting a visit to a store where the unit is replaceable, the control device directing the electric power output unit to output electric power to the electromotive driving unit without interposition of a battery while the unit is mounted on the vehicle body.



[Consulter le mémoire](#)

(11) 18285

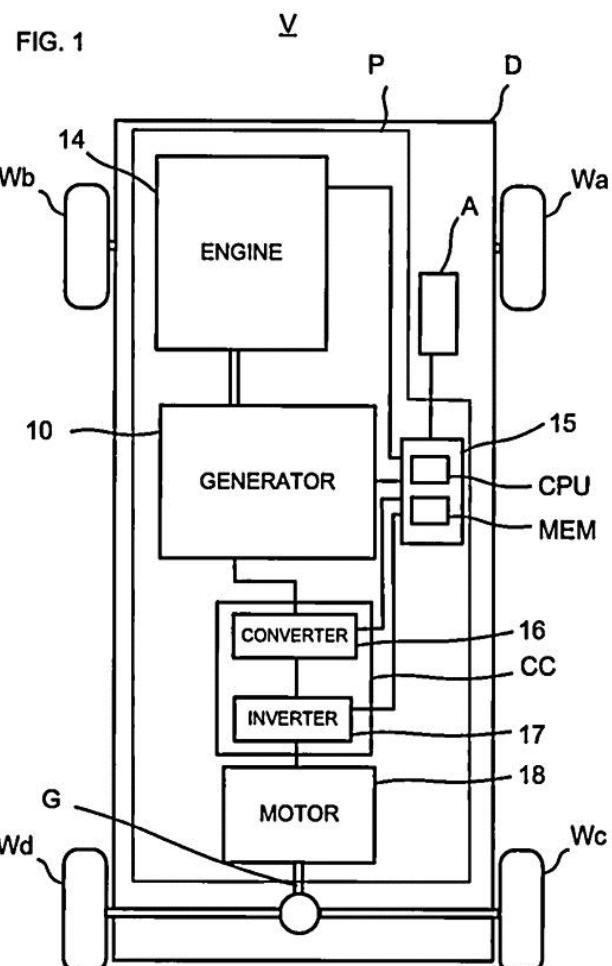
- (51) B60L 11/10 (2018.01);  
H02K 21/24 (2018.01);  
H02P 9/04 (2018.01).
- (21) 1201700190 - PCT/JP2015/082933
- (22) 24/11/2015
- (30) JP n° 2014-237372 du 25/11/2014;  
JP n° 2015-196667 du 02/10/2015;  
JP n° 2015-196668 du 02/10/2015;  
JP n° 2015-196669 du 02/10/2015;  
JP n° 2015-196670 du 02/10/2015.

(54) Vehicle.

- (72) HINO Haruyoshi (JP) et  
MASUDA Masafumi (JP).
- (73) YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500 Shingai, Iwata-shi, SHIZUOKA 4388501 (JP).
- (74) Cabinet EKÉMÉ LYSAGHT SARL,  
B.P. 6370, YAOUNDE (CM).
- (57)

The present invention provides a vehicle in which acceleration performance can be improved while engine rotation is stabilized. The vehicle is provided with a power generator having an inductance adjustment part and an engine that has an engine output adjustment part, a motor, a current adjustment device for adjusting current outputted from the power generator to the motor, a drive member, and a control device. When the control device receives a request to increase current, the control device causes the inductance adjustment part to adjust the power generator to a state in which the magnetic resistance of a magnetic circuit passing through a stator core is

relatively high and the inductance is low as viewed from a winding, causes the engine output adjustment part to adjust the rotational power of the engine to be higher than when the request to increase the current was received, and causes the current adjustment device to adjust the output current of the power generator so as to increase the engine speed and increase the output current of the power generator.



[Consulter le mémoire](#)

**B**

**REPERTOIRE SUIVANT LA C.I.B.**

(51)	(11)
A01F 12/18	18277
A01N 25/34	18262
A01N 43/78	18269
A01N 43/68	18279
A23L 33/10	18255
A61K 36/00	18252
A61K 31/00	18256
A61K 31/138	18263
A47G 33/00	18261
B01D 61/00	18251
B03B 7/00	18260
B60L 11/10	18284
B65F 1/12	18267
C01B 25/12	18253
C02F 3/00	18270
C04B 7/42	18259
B01J 2/30	18274
A61K 31/4439	18265
A61K 31/444	18264
A61K 31/454	18254
A61K 31/4196	18246
A61K 31/519	18257
C07K 14/34	18278
C07K 14/47	18271
C10M 125/02	18250
A61K 39/13	18258
E21B 17/01	18268
E21B 19/16	18266
G01F 15/00	18248
G06F 17/00	18249
G06Q 20/16	18272
G06Q 40/00	18247
G21H 1/00	18273
B60L 11/10	18280
B60L 11/10	18281
B60L 11/10	18282
B60L 11/10	18283
B60L 11/10	18285
H04W 48/08	18275
H04W 52/02	18276

**C**  
**REPERTOIRE DES NOMS**

<b>A to Z Textile Mills Ltd</b>		<b>NTENGA RICHARD</b>	
(11) 18262	(51) A01N 25/34	(11) 18277	(51) A23N 5/00
<b>BAYER CROPSCIENCE</b>		<b>NTT DOCOMO, INC.</b>	
<b>AKTIENGESELLSCHAFT</b>		(11) 18276	(51) H04W 52/02
(11) 18279	(51) A01P 21/00	<b>New Steel Soluções Sustentaveis S.A.</b>	
<b>BILL &amp; MELINDA GATES FOUNDATION</b>		(11) 18260	(51) B03C 1/10
(11) 18270	(51) C02F 3/00	<b>PFIZER INC.</b>	
<b>BIOLOGICAL E LIMITED</b>		(11) 18254	(51) C07D 401/14
(11) 18278	(51) C07K 14/34	<b>Romark Laboratories, L.C.</b>	
<b>BOUYGUES et BOUYGUES TRAVAUX PUBLICS</b>		(11) 18269	(51) A01N 43/78
(11) 18272	(51) G06Q 20/16	<b>SERUM INSTITUTE OF INDIA PRIVATE LIMITED</b>	
<b>COMPAGNIE D'EXPLOITATION DES SERVICES AUXILIAIRES AERIENS (SERVAIR)</b>		(11) 18258	(51) C12N 7/06
(11) 18255	(51) A23L 33/10	<b>SICPA SECURITY INKS &amp; SYSTEMS USA, INC.</b>	
<b>GRAPHENE PLATFORM CORPORATION</b>		(11) 18249	(51) G06F 17/00
(11) 18250	(51) C10M 125/02	<b>SICPA SECURITY INKS &amp; SYSTEMS USA, INC.</b>	
<b>H Lundbeck A/S</b>		(11) 18248	(51) G01F 15/00
(11) 18257	(51) C07D 487/04	<b>SICPA SECURITY INKS &amp; SYSTEMS USA, INC.</b>	
<b>H. LUNDBECK A/S</b>		(11) 18247	(51) G06Q 40/00
(11) 18246	(51) A61K 31/444	<b>Telefonaktiebolaget LM Ericsson (publ)</b>	
<b>H. Lundbeck A/S</b>		(11) 18275	(51) H04W 48/16
(11) 18264	(51) C07D 401/12	<b>University of the Western Cape.</b>	
<b>H. Lundbeck A/S</b>		(11) 18271	(51) C07K 14/47
(11) 18265	(51) C07D 401/12	<b>VEOLIA WATER SOLUTIONS &amp; TECHNOLOGIES SUPPORT</b>	
<b>HUNTSMAN PETROCHEMICAL LLC</b>		(11) 18251	(51) B01D 61/00
(11) 18259	(51) C04B 7/42	<b>WEATHERFORD TECHNOLOGY HOLDINGS, LLC</b>	
<b>JDCPHOSPHATE, INC.</b>		(11) 18268	(51) E21B 17/01
(11) 18253	(51) C01B 25/12	<b>Weatherford Technology Holdings, LLC</b>	
<b>Kinetic Energy Australia Pty Ltd</b>		(11) 18266	(51) E21B 19/16
(11) 18273	(51) G21H 1/00	<b>Xyleco, Inc.</b>	
<b>LABORATOIRE MICHEL IDERNE et BALDE</b>		(11) 18252	(51) A61K 36/00
<b>Aliou Mamadou</b>		<b>YAMAHA HATSUDOKI KABUSHIKI KAISHA</b>	
(11) 18256	(51) A61P 31/18	(11) 18285	(51) H02P 9/04
<b>LES LABORATOIRES SERVIER</b>		<b>YAMAHA HATSUDOKI KABUSHIKI KAISHA</b>	
(11) 18263	(51) A61K 9/16	(11) 18280	(51) H02P 9/04
<b>Lalla Mariam Mohamed Mini</b>		<b>YAMAHA HATSUDOKI KABUSHIKI KAISHA</b>	
(11) 18267	(51) B65F 1/12	(11) 18281	(51) H02P 9/04
<b>M. OSAROGIAGBON Kelvin</b>		<b>YAMAHA HATSUDOKI KABUSHIKI KAISHA</b>	
(11) 18261	(51) A63H 3/33	(11) 18282	(51) H02P 9/04

<b>YAMAHA HATSUDOKI KABUSHIKI KAISHA</b>	
(11) 18283	(51) H02P 9/04
<b>YAMAHA HATSUDOKI KABUSHIKI KAISHA</b>	
(11) 18284	(51) H02P 9/04
<b>Yara International ASA</b>	
(11) 18274	(51) C05G 3/00