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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Table of Contents
Table des matières

Notices
Avis 1

Canadian Patents Issued
Brevets canadiens délivrés 27

Canadian Applications Open to Public Inspection
Demandes canadiennes mises à la disponibilité du public.....82

PCT Applications Entering the National Phase
Demandes PCT entrant en phase nationale 97

Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 216

Index of Canadian Patents Issued
Index des brevets canadiens délivrés 224

Index of Canadian Applications Open to Public Inspection
Index des demandes canadiennes mises à la disponibilité du public 234

Index of PCT Applications Entering the National Phase
Index des demandes PCT entrant en phase nationale 237

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection
Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant 259

Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates
All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals
The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates
Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code
Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (**www.wipo.int/scit/en/standards/standards.htm**).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (**www.wipo.int/scit/fr/standards/standards.htm**).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (**www.strategis.ic.gc.ca/patentsorder**) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (**www.strategis.ic.gc.ca/brevetscommande**) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act.* Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After February 19, 2019

1. Transmittal Fee (Rule 14)	**$300**
2. International Filing Fee	**$1730***
For each additional sheet over 30	**$20**
3. International Search Fee	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 19 février 2019

1. Taxe de transmission (Règle 14)	**300 $**
2. Taxe de dépôt internationale	**1730 $***
Pour chaque feuille au delà de 30	**20 $**
3. Taxe de recherche internationale	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$260**
6. Preliminary examination fee (Rule 58)	**$800**

* International fees will be reduced by:

- **$260** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$390** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*))	**260 $**
6. Taxe d'examen préliminaire (Règle 58)	**800 $**

* Les frais seront réduits de:

- **260 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **390 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

The correspondence procedures and the related practice for written communications to the Commissioner of Patents and the Patent Office under the Patent Act and the Patent Rules is outlined in Chapter 2 of the Manual of Patent Office Practice (MOPOP).

Web Link for MOPOP:
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/h_wr00720.html

The correspondence procedures and the related practice of written communications with respect to Trademarks and to Industrial Design can be found in the Practice Notice entitled *Correspondence Procedures*, available on CIPO's website.

CIPO Web Link for correspondence procedures pertaining to Trademarks and Industrial Design:
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/eng/wr00633.html

Publication date: May 10, 2017
Amendment date: June 17, 2019

On this page:

1. Physical Delivery of Correspondence and Written Communications to CIPO
2. Electronic Correspondence
3. Details Concerning the Electronic Formats Accepted
4. General Information
5. Time Period Extensions
6. Procedures in Case of an Unexpected Office Closure at CIPO

14. Procédures de correspondance

Les procédures de correspondance et les pratiques connexes de communication écrite au commissaire aux brevets ou au Bureau des brevets en vertu de la Loi sur les brevets et des Règles sur les brevets seront exposées dans le chapitre 2 du Recueil des pratiques du Bureau des brevets (RPBB).

Lien Web pour le RPBB :
http://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/h_wr00720.html

Les procédures de correspondance et les pratiques connexes de communication écrite concernant les marques de commerce et les dessins industriels se trouvent dans le document intitulé *Procédures de correspondance*, consultable sur le site Web de l'OPIC.

Lien Web de l'OPIC pour les procédures de correspondance relatives aux marques de commerce et aux dessins industriels :
https://www.ic.gc.ca/eic/site/cipointernet-internetopic.nsf/fra/wr00633.html

Date de publication : 10 mai 2017
Date de modification : 17 juin 2019

Sur cette page :

1. Remise physique de correspondance et communications écrites à l'OPIC.
2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Prorogation des délais
6. Procédures en cas de fermeture imprévue des bureaux de l'OPIC

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office
8. Intellectual Property Acts, Rules and Regulation

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office
8. Lois, règles et règlements sur la propriété intellectuelle

This notice is intended to clarify the practice of the Canadian Intellectual Property Office with respect to correspondence procedures and written communications and replaces all previous notices.

Le présent énoncé de pratique a pour but de préciser la pratique de l'Office de la propriété intellectuelle du Canada relativement aux procédures de correspondance et de communications écrites et remplace tout avis antérieur.

1. Physical Delivery of Correspondence and Written Communications to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, subsection 10(1) of the Trademarks Regulations, section 2 of the Copyright Regulations, section 4 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the Registrar of Trademarks, the Copyright Office, the Industrial Design Office, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

In accordance with subsections 5(2), 5(3), 54(1) and 54(2) of the Patent Rules, subsection 10(2) of the Trademarks Regulations, subsections 2(2) and (3) of the Copyright Regulations, subsection 5(1) of the Industrial Design Regulations and subsections 3(2) and (3) of the Integrated Circuit Topography Regulations, correspondence and written communications delivered to the above address between 8:30 a.m. to 4:30 p.m. (Eastern Time) Monday to Friday is deemed to have been received on the actual date of their delivery if they are delivered when CIPO is open to the public.

Correspondence delivered at a time when CIPO is closed to the public will be deemed or considered to have been received on the day on which CIPO is next open to the public.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted

1. Remise physique de correspondance et communications écrites à l'OPIC

Pour l'application des articles 5 et 54 des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, du Bureau des dessins industriels, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC ») est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

Conformément aux paragraphes 5(2), 5(3), 54(1) et 54(2) des Règles sur les brevets, du paragraphe 10(2) du Règlement sur les marques de commerce, des paragraphes 2(2) et (3) du Règlement sur le droit d'auteur, du paragraphe 5(1) du Règlement sur les dessins industriels et des paragraphes 3(2) et (3) du Règlement sur les topographies de circuits intégrés, la correspondance et les communications écrites ayant été remises à l'adresse ci-dessus entre 8h30 et 16h30 (Heure de l'Est) du lundi au vendredi seront réputées avoir été reçues le jour de leur remise, si elles sont remises alors que l'OPIC est ouvert au public.

La correspondance remise lorsque les bureaux de l'OPIC sont fermés au public sera réputée avoir été reçue le jour de la réouverture de l'OPIC au public.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, celle-ci ne peut pas être retournée à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet qui ne rencontre pas les exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements des frais devrait toujours être

to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

fourni comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiement des frais.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 10(1) of the Trademarks Regulations, subsection 2(4) of the Copyright Regulations, section 4 of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be delivered **in person**. Please note that documents, payments and payment instructions delivered to the addresses listed below **must be enclosed in a sealed envelope** and that **no in person payment transactions** are processed on site. The ordinary business hours for each designated establishment are listed below.

- Innovation, Science and Economic Development Canada
  C.D. Howe Building
  235 Queen Street, Room S-143
  Ottawa ON K1A 0H5
  Tel.: 343-291-3436

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  Sun Life Building
  1155 Metcalfe Street, Room 950
  Montreal QC H3B 2V6
  Tel.: 514-496-1797
  Toll-free: 1-888-237-3037

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  151 Yonge Street, 4th Floor
  Toronto ON M5C 2W7
  Tel.: 416-973-5000

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday,

1.1 Établissements désignés

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise **en personne** aux établissements ou bureaux désignés suivants. Veuillez prendre note que les documents, paiements et instructions de paiements remis aux adresses énumérées ci-dessous doivent être **inclus dans une enveloppe scellée** et qu'**aucune transaction de paiement en personne** n'est traitée sur place. Les heures normales d'ouverture pour chaque établissement désigné sont indiquées ci-dessous.

- Innovation, Sciences et Développement économique Canada
  Édifice C.D. Howe
  235, rue Queen, pièce S-143
  Ottawa (Ontario) K1A 0H5
  Tél. : 343-291-3436

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Édifice Sun Life
  1155, rue Metcalfe, bureau 950
  Montréal (Québec) H3B 2V6
  Tél. : 514-496-1797
  Sans frais : 1-888-237-3037

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  151, rue Yonge, 4e étage
  Toronto (Ontario) M5C 2W7
  Tél. : 416-973-5000

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à

except statutory holiday

- Innovation, Science and Economic Development Canada
  Canada Place
  9700 Jasper Avenue, Suite 725
  Edmonton AB T5J 4C3
  Tel.: 780-495-4782
  Toll-free: 1-800-461-2646

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

- Innovation, Science and Economic Development Canada
  Library Square
  300 West Georgia Street, Suite 2000
  Vancouver BC V6B 6E1
  Tel.: 604-666-5000

  8:30 a.m. to 4:30 p.m. (local time) Monday to Friday, except statutory holidays

l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Canada Place
  9700, avenue Jasper, pièce 725
  Edmonton (Alberta) T5J 4C3
  Tél. : 780-495-4782
  Sans frais : 1-800-461-2646

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

- Innovation, Sciences et Développement économique Canada
  Library Square
  300, rue Georgia Ouest, pièce 2000
  Vancouver (C.-B.) V6B 6E1
  Tél. : 604-666-5000

  8 h 30 à 16 h 30 (heure locale) du lundi au vendredi, à l'exception des jours fériés

In accordance with subsections 5(4), 5(5), 54(3) and 54(4) of the Patent Rules, subsection 10(3) of the Trademarks Regulations, subsections 2(4) and (5) of the Copyright Regulations, subsection 5(2) of the Industrial Design Regulations and subsections 3(4) and (5) of the Integrated Circuit Topography Regulations, correspondence delivered to a designated establishment on a day when CIPO is open to the public will be deemed or considered to be received on the day on which they are delivered to that designated establishment. If CIPO is closed to the public, correspondence will be deemed or considered to be received on the day on which CIPO is next open to the public. For example, if correspondence intended for CIPO is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as CIPO is closed on that day (St-Jean-Baptiste Holiday in Quebec). It will be deemed received on the day on which CIPO is next open to the public.

Conformément aux paragraphes 5(4), 5(5), 54(3) et 54(4) des Règles sur les brevets, au paragraphe 10(3) du Règlement sur les marques de commerce, aux paragraphes 2(4) et (5) du Règlement sur le droit d'auteur, au paragraphe 5(2) du Règlement sur les dessins industriels et aux paragraphes 3(4) et (5) du Règlement sur les topographies de circuits intégrés, la correspondance remise à l'un des établissements désignés susmentionnés lorsque les bureaux de l'OPIC sont ouverts au public sera réputée ou considérée avoir été reçue le jour de leur remise à cet établissement désigné. Si les bureaux de l'OPIC sont fermés au public, la correspondance sera réputée ou considérée avoir été reçue à le jour de la réouverture de l'OPIC au public. Par exemple, la correspondance adressée à l'OPIC remise à l'établissement désigné de Toronto le 24 juin ne sera pas considérée avoir été reçue le 24 juin puisque les bureaux de l'OPIC sont fermés ce jour-là (la Saint-Jean Baptiste est un jour férié au Québec). La correspondance sera alors réputée avoir été reçue le jour de la réouverture des bureaux de l'OPIC au public.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Pour l'application des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 10(1) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, de l'article 4 du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des établissements ou des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être remise.

L'OPIC considère que la correspondance remise par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation de Postes Canada, en autant que l'OPIC soit ouvert au public ce jour-là. Si l'OPIC est fermé au public ce jour-là, la correspondance sera réputée ou considérée avoir été reçue le jour de réouverture de l'OPIC au public.

2. Electronic Correspondence

For the purposes of section 8.1 of the Patent Act, subsection 64(1) of the Trademarks Act, subsection 24.1(1) of the Industrial Design Act and in accordance with subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 10(4) of the Trademarks Regulations, subsection 2(6) of the Copyright Regulations, subsection 10(3) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 10(5) of the Trademarks Regulations specifies certain categories of correspondence to which the provisions of subsection 10(4) do not apply.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered to the Commissioner of Patents by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is

2. Correspondance électronique

Pour l'application de l'article 8.1 de la Loi sur les brevets, du paragraphe 64(1) de la Loi sur les marques de commerce, du paragraphe 24.1(1) de la Loi sur les dessins industriels, et conformément aux paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, au paragraphe 10(4) du Règlement sur les marques de commerce, au paragraphe 2(6) du Règlement sur le droit d'auteur, au paragraphe 10(3) du Règlement sur les dessins industriels et au paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise par télécopieur, en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent énoncé.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 10(5) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 10(4) ne s'appliquent pas.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies constitue une version originale. Par conséquent, un duplicata sur support papier ne devrait pas être expédié.

La correspondance livrée au commissaire aux brevets et reçue par voie électronique, y compris par télécopieur, est considérée comme ayant été reçue à l'OPIC le jour même de sa transmission, si elle est livrée avant minuit, heure locale,

open for business.

Correspondence delivered to the Registrar of Trademarks or the Industrial Design Office by electronic means of transmission, including facsimile, is deemed to have been received on the day on which CIPO receives it (Eastern Time).

lorsque les bureaux de l'OPIC sont ouverts au public. Si elle est transmise un jour où les bureaux de l'OPIC sont fermés au public, elle est considérée comme ayant été reçue à la date du jour d'ouverture suivant de l'OPIC.

La correspondance fournie au registraire des marques de commerce ou transmise au Bureau des dessins industriels par voie électronique, y compris par télécopieur, est réputée avoir été reçue le jour ou l'OPIC l'a reçue (Heure de l'Est).

2.1 Facsimile

Black and white facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trademarks, the Copyright Office, the Industrial Design Office or the Registrar of Topographies may be sent to the following facsimile numbers:

(819) 953-CIPO (2476) or (819) 953-OPIC (6742)

Colour facsimile correspondence addressed to the Registrar of Trademarks or the Industrial Design Office **must** be sent to the following facsimile number:

(819) 934-3833

Note that the model of facsimile is a Xerox C505/X and that this information may be needed to ensure a successful colour transmission.

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment, will be considered not to have been received.

Evidence submitted by facsimile in respect of an opposition or section 45 proceeding **will not be accepted** due to issues such as the often-poor quality of transmission, the risk of incomplete transmission and the voluminous nature of the documents.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting by facsimile a document that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

2.1 Correspondance par télécopieur

La correspondance en noir et blanc par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur, au Bureau des dessins industriels ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (6742) ou 819-953-CIPO (2476)

La correspondance en couleur par télécopieur (modèle **:** Xerox C505/X) adressée au registraire des marques de commerce ou au Bureau des dessins industriels doit être transmise au numéro ci-dessous :

(819) 934-3833

À noter que le modèle de télécopieur est un Xerox C505/X; information qui peut être nécessaire afin de compléter une transmission en couleur.

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements désignés, sera considérée comme n'ayant pas été reçue.

Les éléments de preuve présentés par télécopieur dans le cadre d'une procédure d'opposition ou de radiation en vertu de l'article 45 de la Loi **ne seront pas acceptés** en raison des inconvénients reliés à la mauvaise qualité de la transmission, au risque que la transmission soit incomplète et à la nature volumineuse de ces documents.

Le rapport de transmission électronique que vous recevrez après votre transmission par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'une interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Lors de la transmission par télécopieur d'un document comprenant une demande d'acquittement de droit ou taxe, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements des frais afin d'assurer un traitement rapide.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents; and
- ordering copies in paper, or electronic form of a document.

Brevets

Pour l'application du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment en accédant aux pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 10(4) of the Trademarks Regulations, the following correspondence addressed to the Registrar of Trademarks may be sent electronically by

Marques de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment en accédant aux pages suivantes

accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- registration of a trademark application;

For the purpose of subsection 10(4) of the Trademarks Regulations, correspondence addressed to the Registrar of Trademarks in the context of opposition and section 45 proceedings may be sent electronically by accessing the Trademarks Opposition Board's online web application:

Opposition proceedings before the Trademarks Opposition Board

- filing a statement of opposition;
- filing of a counter statement;
- submission of the opponent's evidence, or statement;
- submission of the applicant's evidence, or statement;
- submission of the opponent's reply evidence;
- submission of the opponent's written representations, or statement;
- submission of the applicant's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

Section 45 proceedings before the Trademarks Opposition Board

- filing a request for a section 45 notice;
- submission of the registered owner's evidence;
- submission of the requesting party's written representations, or statement;
- submission of the registered owner's written representations, or statement;
- filing a request for a hearing; and
- requesting an extension of time.

:

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- l'enregistrement d'une marque de commerce

Pour l'application du paragraphe 10(4) du Règlement sur les marques de commerce, la correspondance adressée au registraire des marques de commerce dans le cadre des procédures d'opposition ou de radiation en vertu de l'article 45 peut être envoyée par voie électronique en accédant à l'application web en ligne de la Commission des oppositions des marques de commerce.

Procédures d'opposition devant la Commission des oppositions des marques de commerce

- production d'une déclaration d'opposition;
- Production d'une contre-déclaration d'opposition;
- Production de la preuve de l'opposant, ou d'une déclaration;
- Production de la preuve du requérant, ou d'une déclaration;
- Production de la contre-preuve de l'opposant;
- Production des arguments écrits de l'opposant, ou déclarations;
- Soumission des arguments écrits du requérant, ou déclarations;
- Produire une demande pour une audience; et
- demande de prolongation de délai.

Procédures en vertu de l'article 45 devant la Commission des oppositions des marques de commerce

- Production d'une demande pour un avis en vertu de l'article 45;
- Production de la preuve du propriétaire inscrit;
- Production des arguments écrits de la demanderesse, ou déclaration;
- Production des arguments écrits du propriétaire inscrit, ou déclaration;
- Produire une demande pour une audience; et
- Demande de prolongation de délai.

Copyright

Droits d'auteur

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Pour l'application du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 24.1(1) of the Industrial Design Act, the following correspondence addressed to the Industrial Design Office may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au Bureau des dessins industriels peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Pour l'application du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique, notamment en accédant aux pages suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Note: all electronic media must be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

2.3 Supports électroniques

Note : Les supports électroniques doivent être exempts de ver informatique, de virus, ou de tout autre contenu malveillant. Les fichiers qui comprennent du contenu malveillant seront supprimés.

Brevets

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

Trademarks and Industrial Design

The Office of the Registrar of Trademarks and the Industrial Design Office will accept the following types of electronic media: CD-ROM, CD-R, DVD, DVD-R, and USB stick.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Marques de commerce et dessins industriels

Le Bureau du registraire des marques de commerce et le Bureau des dessins industriels acceptent les supports électroniques suivants : CD ROM, CD-R, DVD, DVD-R, et clé USB.

3. Details Concerning the Electronic Formats Accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically site using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Trademarks

For the purposes of subsection 64(1) of the Trademarks Act, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP and Doc.

Industrial Design

For the purposes of subsection 24.1(1) of the Industrial Design Act, the acceptable file formats for documents, other than a representation of a design, submitted electronically are WPD, DOC, DOCX and PDF. The acceptable file formats for the representation of a design are PDF, JPEG, TIFF and GIF. The file size limit is of 60MB for PDF, 10MB for the other file formats. The scanned/stored images should be of a resolution of at least 300 dpi and the dimensions must be of 21.59 cm by 27.94 cm (8.5 in by 11 in).

Note that the conversion of files to an acceptable format may result in a change to the quality of the drawings.

Marques de commerce

Pour l'application du paragraphe 64(1) de la Loi sur les marques de commerce, les formats de fichiers acceptables pour les documents fournis par un moyen électronique énoncé à la section 2.2 des présentes procédures de correspondance sont : PNG, TIFF, JPEG, GIF, MP3, MP4, PDF, BMP et Doc.

Dessins industriels

Pour l'application du paragraphe 24.1(1) de la Loi sur les dessins industriels, les formats de fichiers acceptables pour les documents autres que la représentation d'un dessin, transmis par voie électronique sont : WPD, DOC, DOCX, PDF. Les formats de fichiers acceptables pour la représentation d'un dessin sont PDF, JPEG, TIFF, et GIF. La taille maximale est de 60MB pour le format PDF et de 10MB pour tout autre format. L'image numérisée/stockée devrait être dans une résolution d'au moins 300 dpi et les dimensions doivent être de 21,59 cm par 27,94 cm (8,5 po par 11po)

Veuillez noter que la conversion de fichiers vers un format acceptable pourrait résulter en un changement à la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

Des renseignements généraux peuvent être obtenus en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Time Period Extensions

- Time period extensions under the Patent, Trademarks and Industrial Design Acts
- Time period extensions under the Copyright and Integrated Circuit Topography Acts
- Time period extensions under the Patent Cooperation Treaty
- Time period extensions under the Madrid Protocol and the Hague Agreement

5. Prorogation des délais

- Prorogation des délais en vertu des les Lois sur les brevets, les marques de commerce, et les dessins industriels
- Prorogation des délais en vertu des les Lois sur le droit d'auteur et les topographies de circuits intégrés
- Prorogation des délais en vertu du le Traité de coopération en matière de brevets
- Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Time period extensions under the Patent, Trademarks and Industrial Design Acts

For the purposes of subsection 78(1) of the Patent Act, subsection 66(1) of the Trademarks Act, and subsection 21(1) of the Industrial Design Act, any time period fixed under those Acts and ending on 1) a **prescribed day** set out in the list below or 2) a **designated day** on account of unforeseen circumstances, will be extended to the next day that is not a prescribed day or a designated day and where CIPO is open to the public.

Designated days are those days that are designated by the Commissioner, the Registrar, or the Minister, on account of unforeseen circumstances and if they are satisfied that it is in the public interest to do so. If a day is designated, the public will be informed of that fact on CIPO's website.

Prescribed days under the Patent Act, Trademarks Act and Industrial Design Act are as follows:

- Every Saturday and Sunday;
- New Year's Day (January 1)*;
- Good Friday;
- Easter Monday;
- Victoria Day: First Monday immediately preceding May 25;
- St. Jean Baptiste Day (June 24)*;
- Canada Day (July 1)*;
- The first Monday in August;***
- Labour Day: First Monday in September;
- Thanksgiving Day: Second Monday in October;

Prorogation des délais prévus par les Lois sur les brevets, les marques de commerce, et les dessins industriels

Pour l'application du paragraphe 78(1) de la Loi sur les brevets, du paragraphe 66(1) de la Loi sur les marques de commerce, et du paragraphe 21(1) de la Loi sur les dessins industriels, tout délai fixé sous le régime de ces lois et qui expire 1) un **jour prescrit ou règlementaire** tel qu'indiqué dans la liste ci-dessous, ou 2) un **jour désigné** en raison de circonstances imprévues, sera prorogé jusqu'au jour suivant qui n'est ni un jour prescrit ni un jour désigné et où l'OPIC est ouvert au public.

Les **jours désignés** sont les jours désignés par le commissaire, le registraire, ou le ministre, où, en raison de circonstances imprévues, s'il est dans l'intérêt public de le faire. Si un jour est désigné, le public en sera informé sur le site web de l'OPIC.

Les **jours prescrits ou règlementaires** en vertu de la Loi sur les brevets, de la Loi sur les marques de commerce et de la Loi sur les dessins industriels sont les suivants :

- Tous les samedis et dimanches;
- Nouvel An (1er janvier)*;
- Vendredi Saint;
- Lundi de Pâques;
- Fête de la Reine ou Journée nationale des patriotes : Premier lundi immédiatement avant le 25 mai;
- Saint-Jean-Baptiste (24 juin)*;
- Fête du Canada (1er juillet)*;
- Le premier lundi du mois d'août***;
- Fête du travail : Premier lundi du mois de septembre;

- Remembrance Day (November 11)*;
- Christmas Day (December 25)**;
- Boxing Day (December 26)** ;
- Any day on which CIPO is closed to the public for all or part of that day during ordinary business hours.

*In the case of New Year's Day, St. Jean Baptiste Day, Canada Day and Remembrance Day, if the day falls on a Saturday or Sunday, deadlines will be extended to the following Tuesday.

**If December 25 falls on a Friday, deadlines will be extended to the following Tuesday. If December 25 falls on a Saturday or Sunday, any time periods ending on December 25 or December 26 will be extended to the following Wednesday.

***Please note that the Office is open to the public on the first Monday in August. Any time period which expires on that day will be extended to the next day the Office is open to the public (first Tuesday in August). However, any correspondence or fees submitted to the Office on that day will be deemed or considered received on that day.

Extensions for prescribed days occur regardless of place of residence or of the establishment to which documents are delivered.

Please be aware that not all provincial and territorial holidays are days where deadlines are extended. It is recommended that clients be mindful and ensure that all deadlines are respected.

- Action de Grâce : Deuxième lundi du mois d'octobre;
- Jour du Souvenir (11 novembre)*;
- Jour de Noël (25 décembre)**;
- Lendemain de Noël** ;
- Tout jour où l'OPIC est fermé au public pendant tout ou une partie des heures normales d'ouverture de l'OPIC au public.

*Si le Nouvel An, la Saint-Jean-Baptiste, la Fête du Canada, ou le Jour du Souvenir est un samedi ou un dimanche, les délais seront prorogés au mardi suivant.

**Si le 25 décembre est un vendredi, les délais seront prorogés au mardi suivant. Si le 25 décembre est un samedi ou un dimanche, les délais seront prorogés au mercredi suivant.

***Veuillez noter que les Bureaux sont ouverts au public le premier lundi du mois d'août. Tout délai qui expire ce jour-là sera prorogé au prochain jour ouvrable (premier mardi du mois d'août). Cependant, toute correspondance, droits ou taxes fournis au Bureau ce jour-là seront réputés ou considéré avoir été reçus à cette date.

La prorogation de délai concernant les jours prescrits ou règlementaires s'appliquent nonobstant du lieu de résidence ou du lieu de l'établissement auquel les documents ont été remis.

Veuillez noter que ce ne sont pas tous les jours fériés provinciaux ou territoriaux qui sont des jours prescrits ou règlementaires pour lesquels un délai peut être prorogé. Il est recommandé que les clients soient attentifs et s'assurent que tout délai soit respecté.

Time period extensions under the Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to CIPO or a designated establishment (including the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly,

Prorogation des délais prévus par les Lois sur le droit d'auteur et sur les topographies de circuits

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à l'OPIC ou à un établissement désigné (y compris un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé^MC^, ou par Xpresspost^MC^ de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi relativement aux établissements auxquels des documents sont

where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time period extensions under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

Prolongations de délais prévus au Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

Time period extensions under the Madrid Protocol and the Hague Agreement

If a period within which a communication must be received by the International Bureau of the World Intellectual Property Office would expire on a day on which the International

Prorogation des délais en vertu du Protocole de Madrid et de l'Arrangement de La Haye

Si un délai à l'intérieur duquel une communication doit être reçue par le Bureau international de l'Organisation mondiale de propriété intellectuelle expire un jour où le Bureau international n'est pas ouvert au public, le délai expirera lors du

Bureau is not open to the public, it will expire on the next subsequent day on which the International Bureau is open. Likewise, if the period within which a communication (such as a notification of refusal of protection) must be sent by CIPO to the International Bureau would expire on a day on which CIPO is not open to the public, it will expire on the next subsequent day on which CIPO is open.

A list of the days on which the International Bureau is closed to the public during the current and the following calendar year is available on the WIPO website.

6. Procedures in Case of an Unexpected Office Closure at CIPO

In case of unforeseen circumstances, CIPO will attempt to remain open to the public and ensure that essential service to our clients continues with the least possible disruption or delay.

In accordance with paragraph 27.01(n) of the Patent Rules, paragraph 15(n) of the Trademarks Regulations and paragraph 36(n) of the Industrial Design Regulations, whenever CIPO is closed to the public, for all or part of a day during ordinary business hours, including closures due to extraordinary circumstances, time periods will be extended to the next day that is not a prescribed or a designated day and where CIPO is open to the public.

For Copyright and Integrated Circuit Topography, if CIPO is closed to the public due to extraordinary circumstances, CIPO considers all time limits to be extended until the next day that it is open to the public. In such situations, mail delivered to CIPO or to designated establishments will be considered to be received on the date that CIPO re-opens to the public, with the exception of correspondence addressed to the Registrar of Topographies.

In view of the date-sensitive nature of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information with respect to service interruptions on our website as it becomes available and as circumstances permit.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or to use electronic means using the relevant links set out in section 2.2 of these correspondence procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476). Date-sensitive material requiring fee

premier jour suivant où le Bureau international est ouvert au public. Similairement, si un délai à l'intérieur duquel une communication (tel qu'une notification de refus de la protection) doit être envoyée par l'OPIC au Bureau international expire un jour où les bureaux de l'OPIC sont fermés au public, ce délai expirera lors du premier jour suivant la réouverture de l'OPIC.

Une liste des jours pendant lesquels le Bureau international est fermé au public pendant l'année civile en cours et à venir est disponible sur le site web de l'OMPI.

6. Procédures en cas de fermeture des bureaux

Lors de circonstances imprévues, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Conformément à l'alinéa 27.01n) des Règles sur les Brevets, l'alinéa 15n) du Règlement sur les marques de commerce et de l'alinéa 36n) du Règlement sur les dessins industriels, lorsque les bureaux de l'OPIC sont fermés au public pendant toute ou une partie des heures normales d'ouverture, y compris une fermeture en raison de circonstances extraordinaires, les délais seront prorogés au jour suivant qui ne sera pas un jour prescrit ou un jour désigné et où l'OPIC est ouvert au public .

Pour les droits d'auteur et les topographies de circuits intégrés, si les bureaux de l'OPIC sont fermés au public en raison de circonstances extraordinaires, l'OPIC considère que tous les délais sont prorogés au prochain jour d'ouverture au public. Dans de telles circonstances, le courrier livré à l'OPIC ou à des établissements désignés sera considéré avoir été reçu à la date du jour de la réouverture de l'OPIC au public, à l'exception de la correspondance adressée au registraire des topographies.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

En situation d'urgence, les systèmes d'information et de recherche resteront, dans la mesure du possible, accessibles à partir de notre site Web. Toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En situation d'urgence, l'OPIC va publier les renseignements nécessaires sur notre page d'interruptions des services, lorsque ceux-ci seront disponibles et les circonstances le permettront.

Les clients sont **fortement encouragés** de faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC^, par Xpresspost^MC^ ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 des présentes procédures de correspondance. Il est toujours

payment that is sent by fax must be accompanied by a VISA™, MasterCard™, or American Express™ credit card number, or CIPO deposit account number.

Please note that there may also be instances in which the designated offices may be temporarily closed, yet CIPO remains open to the public. In such situations, it remains **the responsibility of CIPO's clients** to ensure that all deadlines are respected.

possible de transmettre par télécopieur des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des droits ou taxes sont exigés, qui sont envoyés par télécopieur, doivent être accompagnés d'un numéro de carte VISA[MC], Mastercard[MC] ou American Express[MC] ou d'un numéro de compte de dépôt à l'OPIC.

Veuillez noter qu'il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, **les clients de l'OPIC demeurent responsables** du respect de tous les échéanciers.

7. Procedures when CIPO is Open to the Public but Clients are Unable to Communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open to the public but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trademarks Act and Regulations allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. In order for a retroactive extension of time to be granted, the Registrar of Trademarks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee is required in certain cases.

7. Procédures à suivre lorsque l'Office est ouvert au public, mais les clients sont incapables de communiquer avec l'Office

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif en rapport aux types de propriété intellectuelle mentionnés ci-haut ne donne pas à l'OPIC la flexibilité de proroger les délais lorsque l'Office est ouvert au public, mais les clients sont dans l'impossibilité de communiquer avec le l'Office.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prolongation rétroactive lorsqu'un délai n'a pas été respecté en raison d'un cas de force majeure. Pour qu'une prolongation de délai rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit est exigé dans certains cas.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets

- Patent Rules
- Regulations under the PCT
- Trademarks Act
- Trademarks Regulations

- Règlement d'exécution du PCT
- Loi sur les marques de commerce
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of July 28, 2020 contains applications open to public inspection from July 12, 2020 to July 18, 2020.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 28 juillet 2020 contient les demandes disponibles au public pour consultation pour la période du 12 juillet 2020 au 18 juillet 2020.

16. Dedication to the Public

The Commissioner of Patents
Gatineau, Quebec, Canada

Commissioner.

Re: Canadian Patent **No. 2746964**
Issued: 2018-07-24
Present Owner: ABLYNX NV

Title: **PULMONARY ADMINISTRATION OF IMMUNOGLOBULIN SINGLE VARIABLE DOMAINS AND CONSTRUCTS THEREOF**

Subject to the terms of this document, ABLYNX NV, as the owner of Canadian Patent No. 2,746,964, entitled "**PULMONARY ADMINISTRATION OF IMMUNOGLOBULIN SINGLE VARIABLE DOMAINS AND CONSTRUCTS THEREOF**" (inventor BOUCHE, MARIE-PAULE LUCIENNE ARMANDA; DE BUCK, STEFAN; DEPLA, ERIK; SABLON, ERWIN; SAELENS, XAVIER; SCHEPENS, BERT; VANLANDSCHOOT, PETER) hereby irrevocably dedicates to the public all rights that it may hold in and to Canadian Patent No. 2,746,964 for the entirety of the term of the Patent.
The present dedication of the Canadian Patent No. 2,746,964 is made without any prejudice to the rights of ABLYNX NV in and to any other patent or pending patent applications.
The present dedication shall apply to all subsequent owners of Canadian Patent No. 2,746,964and to all persons who now or in the future may hold any rights under Canadian Patent No. 2,746,964.
The patentee, ABLYNX NV, also requests that this dedication be registered and recorded in all relevant places in the Patent Office, to provide notice of its dedication to the public, including its attachment to any printed copies of the Canadian patent which may hereinafter be distributed to the public.

SIGNED at Toronto, Ontario, Canada, this 10th day of February, 2020.
[signature]
Name: Torys LLP
Title: Agent for the Patentee

16. Cession au Domaine Public

Le Commissaire des brevets
Gatineau (Québec) Canada

Commissaire.

Objet : Brevet canadien **no: 2746964**
Delivré: 2018-07-24
Titulaire actuel: ABLYNX NV

Titre: **ADMINISTRATION PAR VOIE PULMONAIRE DE DOMAINES VARIABLES UNIQUES D'IMMUNOGLOBULINES ET DE CONSTRUCTIONS ASSOCIEES**

Par la présente et sous réserve des dispositions du présent document, ABLYNX NV, à titre de propriétaire du brevet canadien no 2,746,964, intitulé «**ADMINISTRATION PAR VOIE PULMONAIRE DE DOMAINES VARIABLES UNIQUES D'IMMUNOGLOBULINES ET DE CONSTRUCTIONS ASSOCIEES**» (inventeur BOUCHE, MARIE-PAULE LUCIENNE ARMANDA; DE BUCK, STEFAN; DEPLA, ERIK; SABLON, ERWIN; SAELENS, XAVIER; SCHEPENS, BERT; VANLANDSCHOOT, PETER) cède au domaine public, de façon irrévocable, tous les droits qu'il pourrait détenir sur le brevet canadien no 2,746,964 pour toute la durée du brevet.
La présente cession du brevet canadien no 2,746,964 se fait sans préjudice des droits ABLYNX NVsur l'ensemble des brevets et des demandes de brevet en instance.
La présente cession s'applique à tous les titulaires subséquents du brevet canadien no 2,746,964 et à toutes les personnes qui détiennent à l'heure actuelle, ou qui pourraient détenir dans l'avenir, des droits sur le brevet canadien no 2,746,964.
Le breveté, ABLYNX NV demande également que la présente cession soit enregistrée et inscrite dans tous les lieux et registres pertinents du Bureau des brevets, afin qu'un avis public soit donné de la cession du brevet,en englobant tout lien avec des copies papier du brevet canadien qui pourraient être transmises au public après cette date.

SIGNÉ à Toronto en Ontario au Canada ce 10e jour du mois de fevrier 2020.
[signature]
Nom; : Torys LLP
Titre: Agent du breveté

17. Erratum

All information respecting patent application number 3,084,489 referred to under the section *Canadian Applications Open to Public Inspection* contained in the July 7, 2020 issue of the *Canadian Patent Office Record* was erroneously published, and should be disregarded.

17. Erratum

Toutes les informations relatives à la demande de brevet 3,084,489 sous la rubrique *Demandes canadiennes mises a la disponibilité* du publique dans le numéro 7 juillet, 2020 de la *Gazette du Bureau des brevets* ont été publiées par erreur et doivent être ignorées.

18. Erratum

All information respecting patent application number 3,081,166 referred to under the section *Canadian Applications Open to Public Inspection* contained in the July 7, 2020 issue of the *Canadian Patent Office Record* was erroneously published, and should be disregarded.

18. Erratum

Toutes les informations relatives à la demande de brevet 3,081,166 sous la rubrique *Demandes canadiennes mises a la disponibilité* du publique dans le numéro 7 juillet, 2020 de la *Gazette du Bureau des brevets* ont été publiées par erreur et doivent être ignorées.

Canadian Patents Issued

July 28, 2020

Brevets canadiens délivrés

28 juillet 2020

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[13] C
[51] **Int.Cl. A61B 1/005 (2006.01)**
[25] EN
[54] **SURGICAL INSTRUMENTS WITH SENSORS FOR DETECTING TISSUE PROPERTIES, AND SYSTEMS USING SUCH INSTRUMENTS**
[54] **INSTRUMENTS CHIRURGICAUX DOTES DE CAPTEURS DESTINES A DETECTER DES PROPRIETES TISSULAIRES ET SYSTEMES UTILISANT CES INSTRUMENTS**
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[73] SURGISENSE CORPORATION, US
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[72] WARD, STEPHEN, GB
[73] HIDALGO LIMITED, GB
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[51] **Int.Cl. G01N 33/68 (2006.01)**
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[54] **UTILISATION DE IGFBP-7 DANS L'EVALUATION D'UNE INSUFFISANCE CARDIAQUE**
[72] WIENHUES-THELEN, URSULA-HENRIKE, DE
[72] BLOCK, DIRK, DE
[72] EMILI, ANDREW, CA
[72] FONG, VINCENT, CA
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[72] HESS, GEORG, DE
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[54] **PROGRAMMATION EN LIAISON MONTANTE ET ATTRIBUTION DE RESSOURCES A INDICATION RAPIDE**
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[72] WOMACK, JAMES EARL, US
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[73] BLACKBERRY LIMITED, CA
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[72] BONE, ERNEST E., CA
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[72] IVASHUTA, SERGEY I., US
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[54] **COMPOSITIONS POUR LA PROLIFERATION DE CELLULES ET PROCEDES ASSOCIES**
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[25] EN
[54] **BIOMARKER FOR DIAGNOSIS, PREDICTION AND/OR PROGNOSIS OF ACUTE HEART FAILURE AND USES THEREOF**
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[72] SAMPSON, KIMBERLY S., US
[72] TOMSO, DANIEL J., US
[72] DUMITRU, RAZVAN VALERIU, US
[73] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
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[72] SCHOONMAKER, RYAN, US
[72] CONSTANTINEAU, COLE, US
[72] BRUEHWILER, MICHEL, US
[73] BECTON, DICKINSON AND COMPANY, US
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[54] **INFLUENZA VIRAL PEPTIDES AND FUSION PROTEIN FOR IMMUNIZATION, METHODS AND USES THEREOF**
[54] **PEPTIDES DU VIRUS DE LA GRIPPE ET PROTEINE DE FUSION DESTINES A L'IMMUNISATION, METHODES ET USAGES ASSOCIES**
[72] LI, XUGUANG, CA
[72] VAN DOMSELAAR, GARY, CA
[72] HE, RUNTAO, CA
[73] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF HEALTH, CA
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[72] AUDET, MATHIEU, CA
[72] CASSISTAT, FRANCOIS, CA
[72] MAZIADE, ERIC, CA
[72] ROY, MADELEINE, CA
[73] 9224-5489 QUEBEC INC., CA
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[54] **METHOD AND SYSTEM FOR CONTROLLING MEDIA CONVEYANCE BY A DEVICE TO A USER BASED ON CURRENT LOCATION OF THE DEVICE**
[54] **PROCEDE ET SYSTEME POUR COMMANDER LE TRANSPORT DE SUPPORT PAR UN DISPOSITIF VERS UN UTILISATEUR EN FONCTION DE L'EMPLACEMENT ACTUEL DU DISPOSITIF**
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[72] NEILLY, PATRICK, CA
[73] BCE INC., CA
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[54] **COMPOSITIONS AND METHODS FOR ENHANCING COAGULATION FACTOR VIII FUNCTION**
[54] **COMPOSITIONS ET PROCEDES POUR RENFORCER LA FONCTION DU FACTEUR DE COAGULATION VIII**
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[72] IACOBELLI, NICHOLAS, US
[73] THE CHILDREN'S HOSPITAL OF PHILADELPHIA, US
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[73] CHEVRON U.S.A. INC., US
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[54] **A METHOD OF ESTABLISHING FORMATION RESISTIVITY**
[54] **UNE METHODE POUR DETERMINER LA RESISTIVITE D'UNE FORMATION**
[72] SAMWORTH, JAMES ROGER, GB
[73] REEVES WIRELINE TECHNOLOGIES LIMITED, GB
[86] (2781957)
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[54] **ARCHITECTURE DE MOTEUR ROTATIF A PLUSIEURS ROTORS**
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[72] ULLYOTT, RICHARD, CA
[72] JULIEN, ANDRE, CA
[73] PRATT & WHITNEY CANADA CORP., CA
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[54] **A SILICON-CARBIDE MOSFET CELL STRUCTURE AND METHOD FOR FORMING SAME**
[54] **STRUCTURE CELLULAIRE DE TRANSISTOR MOS EN CARBURE DE SILICIUM ET METHODE DE FABRICATION**
[72] ARTHUR, STEPHEN DALEY, US
[72] MATOCHA, KEVIN, US
[72] SANDVIK, PETER, US
[72] STUM, ZACHARY, US
[72] LOSEE, PETER, US
[72] MCMAHON, JAMES, US
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[54] **DES ALTERATIONS DES GENES EGFR ET PTEN PREDISENT LA SURVIE CHEZ DES PATIENTS AYANT DES TUMEURS CEREBRALES**
[72] DONOVAN, MICHAEL J., ES
[72] COLOMER VALERO, ANNA, ES
[72] ERILL SAGALES, NADINA, ES
[72] FERRER ABIZANDA, ISIDRE, ES
[72] BOLUDA CASAS, SUSANA, ES
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[54] **UN DISPOSITIF FLOTTANT SOUS-MARIN**
[72] ROGER, THIERRY, FR
[72] VIGNAUX, JEAN-JACQUES, FR
[72] AUGOR, CHRISTOPHE, FR
[73] SERCEL, FR
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[54] **RETRACTEUR A ASPIRATION**
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[73] LIVAC PTY LTD, AU
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[54] **HIP AND RIDGE ROOFING SHINGLE**
[54] **BARDEAU DE TOITURE POUR PAN DE TOIT ET FAITAGE**
[72] GRUBKA, LAWRENCE J., US
[72] FREY, JENNIFER L., US
[72] YU, HYUN GUN, KR
[72] SONG, HUN, KR
[73] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **FLUX DE TRAVAUX ET TRANSACTIONS DE BASE DE DONNEES INTEGRES**
[72] MUTHUVELU, SWAMI, US
[73] MCL SYSTEMS LIMITED, US
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[54] **SYSTEM FOR MONITORING ELECTRICAL POWER USAGE OF A STRUCTURE AND METHOD OF SAME**
[54] **SYSTEME DE SURVEILLANCE DE PUISSANCE ELECTRIQUE UTILISEE DANS UNE STRUCTURE, ET PROCEDE ASSOCIE**
[72] YOGEESWARAN, KARTHIK, US
[72] KELLY, FRANK, US
[72] PATEL, SHWETAK N., US
[72] GUPTA, SIDHANT, US
[72] REYNOLDS, MATTHEW S., US
[73] BELKIN INTERNATIONAL, INC., US
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[54] **METHOD FOR USING EXPRESSION OF GLUTATHIONE S-TRANSFERASE MU 2 (GSTM2) TO DETERMINE PROGNOSIS OF PROSTATE CANCER**
[54] **PROCEDE D'UTILISATION DE L'EXPRESSION DE GLUTATHIONE-S-TRANFERASE MU 2 (GSTM2) POUR DETERMINER LE PRONOSTIC D'UN CANCER DE LA PROSTATE**
[72] SHAK, STEVEN, US
[72] BAEHNER, FREDERICK L., US
[72] MADDALA, TARA, US
[72] LEE, MARK, US
[72] PELHAM, ROBERT J., US
[72] COWENS, WAYNE, US
[72] CHERBAVAZ, DIANA, US
[72] KIEFER, MICHAEL C., US
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[72] BAKER, JOFFRE B., US
[73] GENOMIC HEALTH, INC., US
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[54] **PARTICULES DE DETERGENT A LESSIVE**
[72] BATCHELOR, STEPHEN NORMAN, GB
[72] CHAPPLE, ANDREW PAUL, GB
[72] KENINGLEY, STEPHEN THOMAS, GB
[73] UNILEVER PLC, GB
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[54] **PEPTIDES COURTS DESTINES A AMELIORER LA FONCTION MUSCULAIRE**
[72] MOST, PATRICK, DE
[72] VOELKERS, MIRKO, DE
[72] KATUS, HUGO, DE
[72] REMPPIS, ANDREW, DE
[73] RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG, DE
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[54] **MODULAR SURGICAL INSTRUMENTS WITH CONTAINED ELECTRICAL OR MECHANICAL SYSTEMS**
[54] **INSTRUMENTS CHIRURGICAUX MODULAIRES AVEC SYSTEMES ELECTRIQUES OU MECANIQUES CONTENUS**
[72] ALLEN, JAMES D., IV, US
[72] ARTALE, RYAN C., US
[72] HORNER, GLENN A., US
[72] KERR, DUANE E., US
[72] MUELLER, PETER M., US
[72] RESCHKE, ARLEN J., US
[72] SHARP, ROBERT, US
[72] STODDARD, ROBERT B., US
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[54] **SYSTEM AND METHOD FOR MITIGATING DUST MIGRATION AT A WELLSITE**
[54] **SYSTEME ET PROCEDE POUR REDUIRE LA MIGRATION DE LA POUSSIERE A L'EMPLACEMENT D'UN PUITS**
[72] LUHARUKA, RAJESH, US
[72] PETUKHOVA, GALINA GENNADIEVNA, RU
[72] HODGSON, KIM A., US
[72] LEUGEMORS, EDWARD, US
[72] MAKARYCHEV-MIKHAILOV, SERGEY, RU
[72] KABANNIK, ARTEM VALERYEVICH, RU
[72] LINK, BOBBY, US
[72] JOHNSON, DENNIS, US
[72] NEVVONEN, OLGA VLADIMIROVNA, US
[72] QUITERIO, MEGROSE, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHOD, APPARATUS, AND SYSTEM FOR OCCUPANCY SENSING**
[54] **PROCEDE, APPAREIL ET SYSTEME DE DETECTION DE PRESENCE**
[72] CHEMEL, BRIAN, US
[72] PIEPGRAS, COLIN, US
[72] MORGAN, FREDERICK, US
[73] DIGITAL LUMENS INCORPORATED, US
[85] 2013-05-03
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[54] **OPLOPHORUS-DERIVED LUCIFERASES, NOVEL COELENTERAZINE SUBSTRATES, AND METHODS OF USE**
[54] **LUCIFERASES ISSUES D'OPLOPHORUS, NOUVEAUX SUBSTRATS DE COELENTERAZINE, ET LEURS PROCEDES D'UTILISATION**
[72] BINKOWSKI, BROCK, US
[72] ENCELL, LANCE P., US
[72] HALL, MARY, US
[72] ROBERS, MATTHEW B., US
[72] SLATER, MICHAEL R., US
[72] WOOD, KEITH V., US
[72] WOOD, MONIKA G., US
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[54] **VACCINE COMPOSITION FOR CONTROLLING ECTOPARASITE INFESTATIONS**
[54] **COMPOSITION VACCINALE POUR LA LUTTE CONTRE LES INFESTATIONS PAR ECTOPARASITES**
[72] RODRIGUEZ MALLON, ALINA, CU
[72] FERNANDEZ DIAZ, ERLINDA, CU
[72] ESTRADA GARCIA, MARIO PABLO, CU
[72] CARPIO GONZALEZ, YAMILA, CU
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[54] **DEVICE FOR SEPARATING ADULT STEM CELLS**
[54] **DISPOSITIF DE SEPARATION DE CELLULES SOUCHES ADULTES**
[72] WINKLER, KONRAD-WENZEL, DE
[72] MATTHIESEN, INGE, DE
[73] HUMAN MED AG, DE
[86] (2818640)
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[25] EN
[54] **FLEXIBLE FUNCTIONALITY PARTITIONING WITHIN INTELLIGENT-THERMOSTAT-CONTROLLED HVAC SYSTEMS**
[54] **PARTITIONNEMENT DE FONCTIONNALITES FLEXIBLES A L'INTERIEUR DE SYSTEMES CVCA A COMMANDE THERMOSTATIQUE INTELLIGENTE**
[72] ROGERS, MATTHEW LEE, US
[72] FADELL, ANTHONY MICHAEL, US
[72] CHARLTON, ERIK, US
[72] HONJO, SHIGEFUMI, US
[72] MATSUOKA, YOKY, US
[72] SLOO, DAVID, US
[72] GUENETTE, ISABEL, US
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[54] **SYSTEME DE REFROIDISSEMENT A DEUX PHASES POUR COMPOSANTS ELECTRONIQUES**
[72] AGOSTINI, FRANCESCO, CH
[72] FABBRI, MATTEO, CH
[72] GRADINGER, THOMAS, CH
[73] ABB SCHWEIZ AG, CH
[86] (2820330)
[87] (2820330)
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[54] **METHOD AND APPARATUS FOR BALANCING A COMBINED WHEEL AND TIRE**
[54] **PROCEDE ET APPAREIL POUR EQUILIBRER UNE ROUE ET UN PNEU COMBINE**
[72] SWAIN, JEFF, US
[73] SWAIN, JEFF, US
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[54] **APPARATUS AND METHOD FOR EXTRACTION OF BITUMEN FROM OIL SANDS**
[54] **PROCEDE ET APPAREIL D'EXTRACTION DU BITUME DES SABLES BITUMINEUX**
[72] KIFT, JULIAN ROBERT, US
[72] THOMPSON, WHIP CLINTON GALEN, US
[72] PLOEMEN, INGMAR HUBERTUS JOSEPHINA, NL
[73] CHEVRON CANADA LIMITED, CA
[73] CANADIAN NATURAL UPGRADING LIMITED, CA
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[54] **APPAREIL ET PROCEDE POUR ELIMINER LES INFESTATIONS D'ARTHROPODES**
[72] MALONEY, PAUL, CA
[72] MALONEY, TIM, CA
[72] MALONEY, LAUREL, CA
[73] C2 CUSTOM FURNISHINGS INC., CA
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[54] **COMPOSITION REFLECHISSANTE A INFRAROUGE PROCHE ET REVETEMENTS POUR OUVERTURES ARCHITECTURALES INCORPORANT CELLE-CI**
[72] ABAYASINGHE, NILMINI K., US
[72] PAUGOIS, PHILIPPE E., US
[73] 3G MERMET CORPORATION, US
[85] 2013-05-24
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[72] SCHROFF, MATTHIAS, DE
[72] KLEUSS, CHRISTIANE, DE
[72] KAPP, KERSTIN, DE
[73] MOLOGEN AG, DE
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[54] **LENS INCORPORATING MYOPIA CONTROL OPTICS AND MUSCARINIC AGENTS**
[54] **LENTILLES INTEGRANT UNE OPTIQUE MAITRISANT LA MYOPIE ET DES AGENTS MUSCARINIQUES**
[72] CHEHAB, KHALED, US
[72] SHEDDEN, ARTHUR H., JR., US
[72] CHENG, XU, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **METHODS FOR REDUCING THE INCIDENCE OF OXIDATIVE STRESS USING HUMAN MILK OLIGOSACCHARIDES, VITAMIN C AND ANTI-INFLAMMATORY AGENTS**
[54] **PROCEDES DE REDUCTION DE L'INCIDENCE DU STRESS OXYDATIF UTILISANT DES OLIGOSACCHARIDES DU LAIT DE FEMME, DE LA VITAMINE C ET DES AGENTS ANTI-INFLAMMATOIRES**
[72] DAVIS, STEVEN R., US
[72] BUCK, RACHAEL, US
[72] DUSKA-MCEWEN, GERALYN O., US
[73] ABBOTT LABORATORIES, US
[85] 2013-06-19
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[54] **UN AGENT RENFERMANT UN PEPTIDE NATRIURETIQUE EN VUE DU TRAITEMENT DE L'ALOPECIE**
[72] ENDO, KYOKO, JP
[73] ENDO, KYOKO, JP
[73] IGISU CO., LTD., JP
[73] ENDO, YORI, JP
[85] 2013-07-22
[86] 2012-01-20 (PCT/JP2012/051272)
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[25] EN
[54] **PHARMACEUTICALLY ACTIVE DISUBSTITUTED TRIAZINE DERIVATIVES**
[54] **DERIVES DE TRIAZINE DISUBSTITUES PHARMACEUTIQUEMENT ACTIFS**
[72] RUHTER, GERD, DE
[72] KOCH, UWE, DE
[72] NUSSBAUMER, PETER, DE
[72] SCHULTZ-FADEMRECHT, CARSTEN, DE
[72] EICKHOFF, JAN, DE
[73] LEAD DISCOVERY CENTER GMBH, DE
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[51] **Int.Cl. C08L 75/04 (2006.01) C08K 5/5333 (2006.01)**
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[54] **FLAME RETARDANT THERMOPLASTIC POLYURETHANE COMPOSITIONS**
[54] **COMPOSITIONS DE POLYURETHANE THERMOPLASTIQUE IGNIFUGE**
[72] CAO, FEINA, US
[72] NESTLERODE, GREG S., US
[72] LU, QIWEI, US
[73] LUBRIZOL ADVANCED MATERIALS, INC., US
[85] 2013-08-08
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[54] **DISPOSITIF ELECTRIQUE ET RECEPTACLE ECLAIRES**
[72] PADRO, KENNY, US
[72] VIKLUND, MARK, US
[73] HUBBELL INCORPORATED, US
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[87] (2827473)
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[54] **SYSTEME ET PROCEDES PERMETTANT D'IDENTIFIER DES INFORMATIONS D'IDENTIFICATION PERSONNELLE COMPROMISES SUR INTERNET**
[72] GOTTSCHALK, HAROLD E., JR., US
[72] CALDWELL, MICHAEL, US
[72] CARLETON, JOEL, US
[73] CSIDENTITY CORPORATION, US
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[54] **SYSTEM AND METHOD FOR KILLING PARASITES**
[54] **SYSTEME ET PROCEDE D'ENDOMMAGEMENT DE PARASITES**
[72] COHEN, MOR MIRI, IL
[73] PARASONIC LTD., IL
[85] 2013-08-23
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[54] **TRI-PIECE THERMAL ENERGY BODY HEAT EXCHANGER HAVING MULTI-LAYER PIPELINE AND TRANSFERRING HEAT TO EXTERIOR THROUGH OUTER PERIPHERY OF PIPELINE**
[54] **ECHANGEUR DE CHALEUR DE CORPS A ENERGIE THERMIQUE A TROIS ELEMENTS COMPORTANT UNE CANALISATION A COUCHES MULTIPLES ET TRANSFERANT LA CHALEUR VERS L'EXTERIEUR A TRAVERS LA PERIPHERIE EXTERNE DE LA CANALISATION**
[72] YANG, TAI-HER, TW
[73] YANG, TAI-HER, CN
[86] (2828311)
[87] (2828311)
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[54] **GEARBOX POSITIONING DEVICE**
[54] **DISPOSITIF DE POSITIONNEMENT D'EMBRAYAGE**
[72] REJMAN, MARCIN, PL
[72] BRILLON, LOUIS, CA
[72] GAGNON-MARTIN, DAVID, CA
[73] PRATT & WHITNEY CANADA CORP., CA
[86] (2828414)
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[54] **SYSTEMS, METHODS AND APPARATUSES FOR CREATING, EDITING, DISTRIBUTING AND VIEWING ELECTRONIC GREETING CARDS**
[54] **SYSTEMES, PROCEDES ET APPAREILS POUR CREER, EDITER, DISTRIBUER ET VISUALISER DES CARTES DE V□UX ELECTRONIQUES**
[72] ANGORN, MATTHEW DAVID, US
[72] HOMMA, MASANAO, US
[72] REISS, DANIEL JONATHAN, US
[72] MATOUSEK, ROBERT, US
[73] AMERICAN GREETINGS CORPORATION, US
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[54] **NOVEL FURANONE DERIVATIVES**
[54] **NOUVEAU DERIVE DE FURANONE**
[72] IRIE, TAKAYUKI, JP
[72] SAWA, AYAKO, JP
[72] SAWA, MASAAKI, JP
[72] ASAMI, TOKIKO, JP
[72] FUNAKOSHI, YOKO, JP
[72] TANAKA, CHIKA, JP
[73] CARNA BIOSCIENCES, INC., JP
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[54] **APPARATUS AND METHOD OF DETECTING MOVEMENT OF OBJECTS WITHIN THE ABDOMINAL AND/OR PELVIC REGION**
[54] **APPAREIL ET PROCEDE DE DETECTION DE MOUVEMENT D'OBJETS DANS LA REGION ABDOMINALE ET/OU PELVIENNE**
[72] FAUSETT, M. BARDETT, US
[72] HANDER, JONATHAN W., US
[72] HANDER, EDWIN W., US
[73] OB TECHNOLOGIES, LLC., US
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[54] **WOOD SUBSTRATE RENDERED FLAME RETARDANT**
[54] **SUBSTRAT DE BOIS RENDU IGNIFUGE**
[72] NOLTE, MATHIAS, DE
[72] BAUER, MONIKA, DE
[72] STEFFEN, SEBASTIAN, DE
[72] GATJETZKI, BETTINA, DE
[72] SCHNEIDER, NINA, DE
[72] PALM, THOMAS, DE
[73] LUFTHANSA TECHNIK AG, DE
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[54] **EPOXYEICOSATRIENOIC ACID ANALOGS AND METHODS OF MAKING AND USING THE SAME**
[54] **ANALOGUES DE L'ACIDE EPOXYEICOSATRIENOIQUE ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] IMIG, JOHN DAVID, US
[72] CAMPBELL, WILLIAM B., US
[72] FALCK, JOHN RUSSELL, US
[73] MCW RESEARCH FOUNDATION, INC., US
[73] THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
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[54] **SHRIMP PROCESSING SYSTEM AND METHODS**
[54] **SYSTEME ET METHODES DE TRANSFORMATION DE CREVETTES**
[72] LEDET, CHARLES J., US
[72] LAPEYRE, ROBERT S., US
[73] LAITRAM, L.L.C., US
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[54] **FERMENTATION METHODS TO PRODUCE KVASS, KOMBUCHA AND VEGETABLE EXTRACTS USING A CONSORTIUM OF MICROORGANISMS**
[54] **METHODE DE FERMENTATION SERVANT A PRODUIRE DU KVASS, DU KOMBUCHA ET DES EXTRAITS VEGETAUX AU MOYEN D'UN AMALGAME DE MICRO-ORGANISMES**
[72] SKRIPITSYNA, MARIYA ANDREEVNA, RU
[73] SKRIPITSYNA, MARIYA ANDREEVNA, RU
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[54] **ENHANCED ESCR BIMODAL ROTOMOLDING RESIN**
[54] **RESINE DE ROTOMOULAGE BIMODALE RESISTANTE AUX FISSURES DE CONTRAINTE EN MILIEU SOLVANT AMELIOREE**
[72] BELLEHUMEUR, MARIE THERESE CELINE, CA
[72] HOIDAS, MARK, CA
[73] NOVA CHEMICALS CORPORATION, CA
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[54] **DRUG DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION DE MEDICAMENT**
[72] BLOEMERS, JOHANNES MARTINUS MARIA, NL
[72] EISSENS, ANKO CORNELUS, NL
[72] FRIJLINK, HENDERIK WILLEM, NL
[72] DE LEEDE, LEONARDUS GERARDUS JOZEF, NL
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[54] **SYSTEMES ET PROCEDES DE MELANGE DE SOLS LUBRIFIES**
[72] KRUSE, DARIN R., US
[73] KRUSE, DARIN R., US
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[72] MCDONALD, SIMON P., NZ
[73] DENTSPLY INTERNATIONAL INC., US
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[54] **A SPECTRALLY SELECTIVE PANEL**
[54] **PANNEAU SPECTRALEMENT SELECTIF**
[72] ROSENBERG, VICTOR, AU
[72] VASILIEV, MIKHAIL, AU
[72] ALAMEH, KAMAL, AU
[73] TROPIGLAS TECHNOLOGIES LTD, AU
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[54] **ROBOTIC SURGICAL DEVICES, SYSTEMS, AND RELATED METHODS**
[54] **DISPOSITIFS CHIRURGICAUX ROBOTIQUES, SYSTEMES ET METHODES CONNEXES**
[72] FARRITOR, SHANE, US
[72] WORTMAN, TYLER, US
[72] STRABALA, KYLE, US
[72] MCCORMICK, RYAN, US
[72] LEHMAN, AMY, US
[72] OLEYNIKOV, DMITRY, US
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[54] **NEUTRALIZING ANTI-INFLUENZA A VIRUS ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS NEUTRALISANT LE VIRUS DE LA GRIPPE A, ET LEURS UTILISATIONS**
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[73] INSTITUTE FOR RESEARCH IN BIOMEDICINE, CH
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[54] **REDUCED-PRESSURE TREATMENT AND DEBRIDEMENT SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DEBRIDEMENT ET DE TRAITEMENT A PRESSION REDUITE**
[72] ROBINSON, TIMOTHY MARK, GB
[72] MCNULTY, AMY K., US
[72] LOCKE, CHRISTOPHER BRIAN, GB
[73] KCI LICENSING, INC., US
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[72] MANSOURI, SOHRAB, US
[72] CERVERA, JOSE MARIA, US
[73] INSTRUMENTATION LABORATORY COMPANY, US
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[54] **METHOD FOR MANAGING AND CHECKING DATA FROM DIFFERENT IDENTITY DOMAINS ORGANIZED INTO A STRUCTURED SET**
[54] **PROCEDE DE GESTION ET DE CONTROLE DE DONNEES DE DIFFERENTS DOMAINES D'IDENTITE ORGANISES EN ENSEMBLE STRUCTURE**
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[72] CHABANNE, HERVE, FR
[72] BRINGER, JULIEN, FR
[73] MORPHO, FR
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[54] **CARTOUCHE DE FLUIDE ET DISPOSITIF DE DISTRIBUTION**
[72] KLEIN, THOMAS, AT
[72] ZIMMER, ANDREAS, AT
[72] TRINKER, MARTIN, AT
[72] BRUNNER, PETER, DE
[72] LINDENA, BERND HEIKO, AT
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[72] BEHAR-COHEN, FRANCINE, FR
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
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[25] EN
[54] **A METHOD OF CORRECTING THE ORIENTATION OF A FREELY INSTALLED ACCELEROMETER IN A VEHICLE**
[54] **PROCEDE DE CORRECTION DE L'ORIENTATION D'UN ACCELEROMETRE LIBREMENT INSTALLE DANS UN VEHICULE**
[72] BASIR, OTMAN A., CA
[72] JAMALI, SEYED HAMIDREZA, CA
[72] MINERS, WILLIAM BEN, CA
[72] TOONSTRA, JASON, CA
[73] APPY RISK TECHNOLOGIES LTD., GB
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[72] KAMPF, MARCUS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **PRODUIT AU CHOCOLAT ET SON PROCEDE DE PRODUCTION**
[72] PAGGIOS, KONSTANTINOS, CH
[72] THIELE, MARTIN, DE
[72] BALZER, HARTMUT, DE
[72] PEARSON, STEPHEN, DE
[73] KRAFT FOODS SCHWEIZ HOLDING GMBH, CH
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[54] **METHODS FOR PREPARING ANTI-VIRAL NUCLEOTIDE ANALOGS**
[54] **PROCEDES DE PREPARATION D'ANALOGUES DE NUCLEOTIDES ANTIVIRAUX**
[72] COLBY, DENISE A., US
[72] MARTINS, ANDREW ANTHONY, CA
[72] ROBERTS, BENJAMIN JAMES, US
[72] SCOTT, ROBERT WILLIAM, US
[72] WHITE, NICOLE S., US
[73] GILEAD SCIENCES, INC., US
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[25] EN
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[54] **CHAISE A DOSSIER PIVOTANT**
[72] PIRETTI, GIANCARLO, IT
[73] PRO-CORD S.P.A., IT
[86] (2851017)
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF FAT-REDUCED FOODSTUFFS SUCH AS MEAT AND SAUSAGE PRODUCTS**
[54] **PROCEDE DE PRODUCTION DE PRODUITS ALIMENTAIRES ALLEGES EN MATIERES GRASSES, COMME DE LA VIANDE OU DE LA SAUCISSE**
[72] KORTSCHACK, FRITZ, DE
[72] HEINZ, VOLKER, DE
[72] BAJOVIC, BAJO, DE
[73] DIL DEUTSCHES INSTITUT FUR LEBENSMITTELTECHNIK E.V., DE
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[30] DE (10 2011 115 565.5) 2011-10-10
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[54] **PLASMA MICRORNAS FOR THE DETECTION OF EARLY COLORECTAL CANCER**
[54] **MICROARN DU PLASMA POUR LA DETECTION DU CANCER COLORECTAL PRECOCE**
[72] GIRONELLA, I COS MERITXELL, ES
[72] LOZANO SALVATELLA, JUAN JOSE, ES
[72] CASTELLS, I GARANGOU ANTONI, ES
[72] GIRALDEZ, MARIA DOLORES, ES
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[54] **PROCEDE ET DISPOSITIF DE DECOMPOSITION D'UN ARTICLE A RECYCLER**
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[72] GELFOND, LEONID, DE
[72] EISERT, STEFAN, DE
[73] IMPULSTEC GMBH, DE
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[54] **SYSTEMES, PROCEDES ET DISPOSITIFS A PRESSION REDUITE POUR TRAITER SIMULTANEMENT UNE PLURALITE DE SITES DE TISSU**
[72] PRATT, BENJAMIN A., GB
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] COULTHARD, RICHARD DANIEL JOHN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] KAZALA, RICHARD MARVIN, JR., US
[72] LUCKEMEYER, JAMES A., US
[73] KCI LICENSING, INC., US
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[54] **1,2,4-TRIAZOLYL-SUBSTITUTED KETO-ENOLS**
[54] **CETOENOLS A SUBSTITUTION 1,2,4-TRIAZOLYLE**
[72] GIENCKE, WOLFGANG, DE
[72] LEHR, STEFAN, DE
[72] FISCHER, REINER, DE
[72] LINDELL, STEPHEN DAVID, DE
[72] HAUSER-HAHN, ISOLDE, DE
[72] HEINEMANN, INES, DE
[72] GATZWEILER, ELMAR, DE
[72] ROSINGER, CHRISTOPHER HUGH, DE
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[72] VOERSTE, ARND, DE
[72] GORGENS, ULRICH D.I., DE
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[72] MARTIN, DANIEL GEORGE, CA
[73] GX TECHNOLOGY CANADA LTD., CA
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[54] **PHACETOPERANE POUR TRAITER UN TROUBLE DEFICIT DE L'ATTENTION HYPERACTIVITE**
[72] KONOFAL, ERIC, FR
[72] FIGADERE, BRUNO, FR
[73] NLS PHARMA AG, CH
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[54] **SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS**
[54] **SYSTEME ET PROCEDE PERMETTANT UNE COMMUNICATION SANS FIL D'ENTREE DISTRIBUEE-SORTIE DISTRIBUEE**
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[72] LUPKE, MANFRED A. A., CA
[72] LUPKE, STEFAN A., CA
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[54] **MANIVELLE D'ARMEMENT POUR ARBALETE**
[72] MCPHERSON, MATHEW A., US
[72] HAYES, MARK, US
[72] OZANNE, JEFFREY A., US
[72] KOSHELLEK, TOM, US
[73] MCP IP, LLC, US
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[54] **ESSUIE-GLACE A APPAREIL DE RETRAIT DE GLACE**
[72] NELSON, JAMES Q., US
[73] NELSON AND NELSON ENTERPRISES, LLC, US
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[54] **DISTRIBUTEUR DE PRODUIT SOLIDE A DISSOLUTION COMMANDEE**
[72] CARROLL, RICHARD R., US
[72] MOREY, JOHN D., US
[72] SCHULTZ, ANDREW, US
[72] THOMAS, JOHN E., US
[72] ANDERSON, TROY A., US
[72] LANZ, JOSHUA J., US
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[54] **MOULAGE ROTATIF PAR ULTRASONS**
[72] NAGEL, ROBERT, US
[72] CAPAR, PAUL, US
[72] CAMPORINI, ALFRED, US
[72] FYOCK, DAVID, US
[72] PONTZER, DAVID, US
[72] STOUGH, JOHN, US
[72] KNEPPER, CURT, US
[72] FRANTZ, JEFFREY, US
[72] MASSIE, JOSEPH EDWARD, US
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[72] MCQUILKIN, GARY LEE, US
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[72] HOELZEMANN, GUENTER, DE
[72] SCHIEMANN, KAI, DE
[72] WEGENER, ANSGAR, DE
[73] MERCK PATENT GMBH, DE
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[54] **DISTRIBUTED ENERGY STORAGE SYSTEM AND METHOD OF DISTRIBUTING ENERGY**
[54] **SYSTEME DE STOCKAGE D'ENERGIE REPARTIE ET PROCEDE DE DISTRIBUTION D'ENERGIE**
[72] BERKOWITZ, DONALD S., US
[72] PORTER, DAVID, US
[72] BELLEI, TERRENCE, US
[72] SEMBER, JAMES W., US
[72] WILLIAMS, STEPHEN, US
[72] WALKER, THOMAS, US
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[54] **GUTTER GUARD BARRIER**
[54] **BARRIERE DE PROTECTION DE CANIVEAU**
[72] LENNEY, ROBERT C., US
[73] GUTTERGLOVE, INC., US
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[51] **Int.Cl. B64F 5/23 (2017.01) B64F 5/20 (2017.01) B64D 15/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR COORDINATING REMOVAL OF CONTAMINATION FROM SURFACE OF AIRCRAFT**
[54] **PROCEDE ET SYSTEME PERMETTANT DE COORDONNER L'ELIMINATION DES CONTAMINANTS SUR LA SURFACE D'UN AERONEF**
[72] CAMPBELL, JEFFERY P., US
[72] BAMBRICK, DAVID, US
[73] JCAI INC., CA
[86] (2863052)
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[54] **FITTING FOR JOINING PIPE ELEMENTS**
[54] **RACCORD DESTINE A RACCORDER DES ELEMENTS DE TUYAU**
[72] GIBB, JOHN, CA
[72] DOLE, DOUGLAS R., US
[73] VICTAULIC COMPANY, US
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[54] **INNATE IMMUNE PROTEINS AS BIOMARKERS FOR CNS INJURY**
[54] **PROTEINES IMMUNITAIRES INNEES COMME BIOMARQUEURS POUR UNE LESION DU SNC**
[72] KEANE, ROBERT W., US
[72] DIETRICH, W. DALTON, US
[72] DE RIVERO VACCARI, JUAN PABLO, US
[72] ADAMCZAK, STEPHANIE, US
[72] BULLOCK, M. ROSS, US
[72] LEVI, ALLAN, US
[72] WANG, MICHAEL Y., US
[73] UNIVERSITY OF MIAMI, US
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[72] BALL, BERNARD F., SR., US
[73] MAGNUM MAGNETICS CORPORATION, US
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[54] **GENERATEURS DE PLASMA RICHE EN OXYGENE POUR AUGMENTER LA PUISSANCE DE MOTEURS A COMBUSTION INTERNE**
[72] JONSON, HUGH, US
[72] RIESSELMAN, PETER, US
[72] BINGEL, RON, US
[72] MORROW, JAY, US
[72] HESS, FRED, US
[72] ROBEL, ROBB, US
[73] DEEC, INC., US
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[54] **POLYMERES BIODEGRADABLES AVEC DES GROUPES FONCTIONNELS LATERAUX ATTACHES PAR DES LIAISONS AMIDE**
[72] JOY, ABRAHAM, US
[72] GOKHALE, SACHIN, US
[72] XU, YING, US
[73] THE UNIVERSITY OF AKRON, US
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[54] **BACILLUS THURINGIENSIS TOXIN GENE AXMI335 AND METHODS FOR ITS USE**
[54] **GENE AXMI335 DE LA TOXINE DE BACILLUS THURINGIENSIS ET PROCEDES POUR SON UTILISATION**
[72] SAMPSON, KIMBERLY S., US
[72] THAYER, REBECCA, US
[72] LEHTINEN, DUANE, US
[73] BASF AGRICULTURAL SOLUTIONS SEED US LLC, US
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[54] **TRAITEMENT DE SURFACE DE DISPOSITIFS MICROFLUIDIQUES**
[72] AZIOUNE, AMMAR, FR
[72] BARTOLO, DENIS, FR
[72] LEVACHE, BERTRAND, FR
[72] STUDER, VINCENT, FR
[73] TOTAL PETROCHEMICALS FRANCE, FR
[73] ECOLE SUPERIEURE DE PHYSIQUE ET CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS, FR
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[54] **PROCESS FOR THE PRODUCTION OF ORGANIC COMPOUNDS FROM PLANT SPECIES**
[54] **PROCEDE POUR LA PRODUCTION DE COMPOSES ORGANIQUES A PARTIR D'ESPECES VEGETALES**
[72] BASTIOLI, CATIA, IT
[72] BORSOTTI, GIAMPIETRO, IT
[72] CAPUZZI, LUIGI, IT
[73] NOVAMONT S.P.A., IT
[85] 2014-09-09
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[25] EN
[54] **SUBSTITUTED PYRIDOPYRIMIDINE COMPOUNDS AND THEIR USE AS FLT3 INHIBITORS**
[54] **COMPOSES DE PYRIDOPYRIMIDINE SUBSTITUEE ET LEUR UTILISATION COMME INHIBITEURS DE FLT3**
[72] KIM, HONG WOO, US
[72] LEE, HEE KYU, KP
[72] SONG, HO-JUHN, US
[72] LEE, JAEKYOO, US
[72] KOH, JONG SUNG, KP
[72] KIM, JUNG-HO, KP
[72] KIM, SE WON, KP
[72] LEE, IN YONG, US
[73] OSCOTEC, INC., KR
[85] 2014-09-22
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[72] LANGLOIS, DAVID, CA
[72] CLAUSEN, ARINBJORN VIGGO, IS
[72] EINARSSON, ARNI, IS
[73] OSSUR HF, IS
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[54] **DEVICES AND TECHNIQUES FOR CUTTING AND COAGULATING TISSUE**
[54] **DISPOSITIFS ET TECHNIQUES DE DECOUPE ET DE COAGULATION DE TISSU**
[72] MESSERLY, JEFFREY D., US
[72] BERTKE, BRIAN D., US
[72] TELLIO, KARALYN R., US
[72] WIENER, EITAN T., US
[72] YATES, DAVID C., US
[72] ALDRIDGE, JEFFREY L., US
[72] STULEN, FOSTER B., US
[72] GIORDANO, JAMES R., US
[73] ETHICON ENDO-SURGERY, INC., US
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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORMS OF (S)-4-AMINO-N-(1-(4-CHLOROPHENYL)-3-HYDROXYPROPYL)-1-(7H-PYRROLO [2, 3-D] PYRIMIDI N-4-YL) PIPERIDINE-4-CARBOXAMIDE**
[54] **FORMES CRISTALLINES DU (S)-4-AMINO-N-(1-(4-CHLOROPHENYL)-3-HYDROXYPROPYL)-1-(7H-PYRROLO[2,3-D]PYRIMIDIN-4-YL)PIPERIDINE-4-CARBOXAMIDE**
[72] TOMKINSON, GARY PETER, GB
[73] ASTRAZENECA AB, SE
[85] 2014-10-08
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[30] US (61/625,312) 2012-04-17

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[25] EN
[54] **MICROBIAL PRODUCTION OF ALKANOLAMIDES AND AMIDOAMINES AND USES THEREOF**
[54] **PRODUCTION MICROBIENNE D'ALCANOLAMIDES ET D'AMIDOAMINES ET LEURS UTILISATIONS**
[72] LUTES, JASON J., US
[72] DEL CARDAYRE, STEPHEN, US
[73] REG LIFE SCIENCES, LLC, US
[85] 2014-10-10
[86] 2013-03-12 (PCT/US2013/030502)
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[30] US (61/623,711) 2012-04-13

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[13] C
[51] **Int.Cl. A45D 19/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR SELECTIVELY BLEACHING OR DYEING A PLURALITY OF LOCKS OF HAIR**
[54] **DISPOSITIF ET PROCEDE POUR DECOLORER OU TEINDRE SELECTIVEMENT UNE PLURALITE DE MECHES DE CHEVEUX**
[72] CORBOBA RAMOS, RAFAEL, ES
[73] MULTIMECHAS, S.L., ES
[85] 2014-10-14
[86] 2013-04-15 (PCT/ES2013/070238)
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[54] **METHOD AND SYSTEM FOR THE PLY-BY-PLY MACHINING OF A COMPONENT MADE OF COMPOSITE MATERIAL, BY APPLYING ENERGY**
[54] **PROCEDE ET SYSTEME D'USINAGE PLI A PLI D'UNE PIECE EN MATERIAU COMPOSITE PAR APPORT D'ENERGIE**
[72] DELERIS, MICHEL, FR
[72] CENAC, FRANCOIS, FR
[73] BAYAB INDUSTRIES, FR
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[54] **INTERMEDIATES AND PROCESSES FOR PREPARING COMPOUNDS FOR USE AS CHK1 INHIBITORS**
[54] **INTERMEDIAIRES ET PROCEDES DE PREPARATION DE COMPOSES A UTILISER COMME INHIBITEURS CHK1**
[72] HAN, CHONG, US
[73] GENENTECH, INC., US
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[54] **PORTABLE ELECTRONIC DEVICE INCLUDING VIRTUAL KEYBOARD AND METHOD OF CONTROLLING SAME**
[54] **DISPOSITIF ELECTRONIQUE PORTATIF COMPRENANT UN CLAVIER VIRTUEL ET SON PROCEDE DE COMMANDE**
[72] ADAMS, NEIL PATRICK, CA
[72] KRZEMINSKI, MAREK ANDRZEJ, CA
[73] BLACKBERRY LIMITED, CA
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[25] EN
[54] **CONTINUOUS OR SEMI-CONTINUOUS PROCESS FOR TREATING BIOMASS TO PRODUCE MATERIALS USEFUL FOR BIOFUELS**
[54] **PROCEDE CONTINU OU SEMI-CONTINU DE TRAITEMENT D'UNE BIOMASSE POUR OBTENIR DES MATERIAUX UTILES POUR LES BIOCARBURANTS**
[72] WEIDER, PAUL RICHARD, US
[72] BLACKBOURN, ROBERT LAWRENCE, US
[72] BROWN, DAVID MATTHEW, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[25] EN
[54] **OPHTHALMIC COMPOSITIONS WITH IMPROVED DESSICATION PROTECTION AND RETENTION**
[54] **COMPOSITIONS OPHTALMIQUES AVEC PROTECTION CONTRE LA DESSICCATION ET RETENTION AMELIOREES**
[72] DAVIS, JAMES W., US
[72] KETELSON, HOWARD ALLEN, US
[72] CAMPBELL, ELAINE E., US
[72] MEADOWS, DAVID L., US
[72] RANGARAJAN, REKHA, US
[73] ALCON INC., US
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[25] EN
[54] **COMPOSITIONS COMPRISING SHORT-ACTING BENZODIAZEPINES**
[54] **COMPOSITIONS COMPRENANT DES BENZODIAZEPINES A ACTION RAPIDE**
[72] GRAHAM, JOHN AITKEN, GB
[72] BAILLIE, ALAN JAMES, GB
[72] WARD, KEVIN RICHARD, GB
[72] PEACOCK, THOMAS, GB
[73] PAION UK LIMITED, GB
[85] 2014-11-20
[86] 2013-05-22 (PCT/EP2013/060543)
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[25] EN
[54] **CONVEYING DEVICE FOR MOLTEN METAL IN AN INJECTION DIE CASTING UNIT**
[54] **DISPOSITIF DE TRANSPORT POUR UN BAIN DE METAL FONDU DANS UNE UNITE D'INJECTION SOUS PRESSION**
[72] WUNDERLE, JOHANNES KONRAD, DE
[72] NEUSS, ANDREAS, DE
[72] KRALLMANN, RAINER, DE
[72] KRALLMANN, KERSTIN, DE
[72] BREXELER, INGO, DE
[73] GEBR. KRALLMANN GMBH, DE
[85] 2014-11-20
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[25] EN
[54] **SPIRO TETRAHYDRO-BENZOTHIOPHEN DERIVATIVES USEFUL FOR THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **DERIVES DE SPIRO-TETRAHYDRO-BENZOTHIOPHENE UTILISES POUR TRAITER LES MALADIES NEURODEGENERATIVES**
[72] QUATTROPANI, ANNA, CH
[72] SWINNEN, DOMINIQUE, BE
[73] ARES TRADING S.A., CH
[85] 2014-11-28
[86] 2013-05-10 (PCT/EP2013/001389)
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[25] EN
[54] **REGENERABLE SORBENT FOR CARBON DIOXIDE REMOVAL**
[54] **SORBANT REGENERABLE POUR L'ELIMINATION DE DIOXYDE DE CARBONE**
[72] SHEN, JIAN-PING, US
[72] COLEMAN, LUKE JAMES IVOR, US
[72] LAIL, MARTY ALAN, US
[72] GUPTA, RAGHUBIR PRASAD, US
[72] TURK, BRIAN SCOTT, US
[73] RESEARCH TRIANGLE INSTITUTE, US
[85] 2014-12-05
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[25] EN
[54] **AIRCRAFT LAVATORY EMERGENCY OXYGEN DEVICE**
[54] **DISPOSITIF A OXYGENE D'URGENCE DANS LES TOILETTES D'AVION**
[72] VEACH, MICHAEL W., US
[72] BRUMLEY, MICHAEL J., US
[73] B/E AEROSPACE, INC., US
[85] 2014-12-09
[86] 2013-06-14 (PCT/US2013/045995)
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[25] EN
[54] **MEDICAL CONNECTING DEVICE**
[54] **DISPOSITIF DE RACCORDEMENT MEDICAL**
[72] CEDERSCHIOLD, ALEXANDER, SE
[73] CARMEL PHARMA AB, SE
[85] 2014-12-19
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[51] **Int.Cl. F23D 14/34 (2006.01) F23D 14/58 (2006.01) F23D 14/82 (2006.01)**
[25] EN
[54] **BURNER WITH SURFACE BURNING**
[54] **BRULEUR A SYSTEME DE COMBUSTION SUPERFICIELLE**
[72] DREIZLER, ULRICH, DE
[72] DREIZLER, DANIEL, DE
[73] DREIZLER, ULRICH, DE
[85] 2014-12-30
[86] 2013-05-15 (PCT/EP2013/060033)
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[51] **Int.Cl. H04W 24/10 (2009.01) H04B 7/26 (2006.01) H04J 11/00 (2006.01)**
[25] EN
[54] **PERIODIC CHANNEL STATE INFORMATION REPORTING FOR COORDINATED MULTIPOINT (COMP) SYSTEMS**
[54] **ETABLISSEMENT DE RAPPORTS D'INFORMATIONS D'ETAT DE CANAL PERIODIQUE DESTINE A DES SYSTEMES MULTIPOINTS COORDONNES (COMP)**
[72] HAN, SEUNGHEE, KR
[72] DAVYDOV, ALEXEI, RU
[72] FWU, JONG-KAE, US
[72] ETEMAD, KAMRAN, US
[73] APPLE INC., US
[85] 2014-12-30
[86] 2013-06-27 (PCT/US2013/048019)
[87] (WO2014/022032)
[30] US (61/679,627) 2012-08-03
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[25] EN
[54] **IRIDIUM-BASED COMPLEXES FOR ECL**
[54] **COMPLEXES A BASE D'IRIDIUM POUR ECL**
[72] BERGMANN, FRANK, DE
[72] CYSEWSKI, ROBERT, PL
[72] DE COLA, LUISA, FR
[72] DZIADEK, SEBASTIAN, DE
[72] FERNANDEZ HERNANDEZ, JESUS MIGUEL, ES
[72] JOSEL, HANS-PETER, DE
[72] LONGHI, ELENA, IT
[72] SEIDEL, CHRISTOPH, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2015-01-14
[86] 2013-08-02 (PCT/EP2013/002325)
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[30] EP (12179057.0) 2012-08-02

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[25] EN
[54] **UPWARDLY BIASING CHILD-RESISTANT CLOSURE FOR LIQUID MEDICAMENTS**
[54] **FERMETURE DE SECURITE A L'EPREUVE DES ENFANTS A CONTRAINTE VERS LE HAUT POUR MEDICAMENTS LIQUIDES**
[72] KERSHNER, DAVID, US
[72] MANERA, DAVID, US
[72] RUGGIERI, MICHAEL, US
[72] WARGO, KIMBERLY, US
[73] COMAR, LLC, US
[85] 2015-01-13
[86] 2013-07-12 (PCT/US2013/050388)
[87] (WO2014/012066)
[30] US (61/671,313) 2012-07-13

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[25] EN
[54] **VISOR AND COMBINATION THEREOF WITH A PROTECTIVE HELMET**
[54] **VISIERE ET SA COMBINAISON AVEC UN CASQUE DE PROTECTION**
[72] PFANNER, ANTON, AT
[73] PFANNER SCHUTZBEKLEIDUNG GMBH, AT
[85] 2015-01-15
[86] 2013-07-22 (PCT/EP2013/065447)
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[25] EN
[54] **DERIVATIVES OF AZAINDAZOLE OR DIAZAINDAZOLE TYPE FOR TREATING PAIN**
[54] **DERIVES DE TYPE AZA-INDAZOLE OU DIAZA-INDAZOLE POUR LE TRAITEMENT DE LA DOULEUR**
[72] SOKOLOFF, PIERRE, FR
[72] CACHOUX, FREDERIC, FR
[73] PIERRE FABRE MEDICAMENT, FR
[85] 2015-01-20
[86] 2013-07-29 (PCT/EP2013/065907)
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[30] EP (12305922.2) 2012-07-27

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[51] **Int.Cl. A61K 31/728 (2006.01) A61K 31/737 (2006.01) A61P 3/00 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **COMPOSITIONS COMPRISING HYALURONIC ACID AND DERMATAN SULPHATE FOR THE TREATMENT OF BEING OVERWEIGHT AND OBESITY**
[54] **COMPOSITIONS COMPRENANT DE L'ACIDE HYALURONIQUE ET DU DERMATANE SULFATE POUR LE TRAITEMENT DU FAIT D'ETRE EN SURPOIDS ET DE L'OBESITE**
[72] ESCAICH FERRER, JOSEP, ES
[72] BONET PINA, MA LUISA, ES
[72] MARTINEZ PUIG, DANIEL, ES
[72] GRANADOS BORBOLLA, NURIA, ES
[72] REYNES MIRALLES, BARBARA, ES
[72] CHETRIT RUSSI, CARLES, ES
[72] PALOU OLIVER, ANDREU, ES
[73] BIOIBERICA, S.A., ES
[85] 2015-01-21
[86] 2013-07-22 (PCT/EP2013/065384)
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[51] **Int.Cl. G01B 11/245 (2006.01) F01D 5/14 (2006.01) G06T 7/00 (2017.01)**
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[54] **METHOD FOR THE NON-DESTRUCTIVE TESTING OF A BLADE PREFORM**
[54] **PROCEDE DE CONTROLE NON DESTRUCTIF D'UNE PREFORME D'AUBE**
[72] MAROLLE, PHILIPPE, FR
[72] LEROYER, BERTRAND PIERRE MARTIN, FR
[72] LEONETTI, CLAUDE, FR
[73] SNECMA, FR
[85] 2015-01-26
[86] 2013-08-01 (PCT/FR2013/051868)
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[30] FR (1257613) 2012-08-03

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[51] **Int.Cl. F01D 17/16 (2006.01) F02K 3/06 (2006.01)**
[25] FR
[54] **TURBOMACHINE COMPRISING A PLURALITY OF FIXED RADIAL BLADES MOUNTED UPSTREAM OF THE FAN**
[54] **TURBOMACHINE COMPORTANT UNE PLURALITE D'AUBES RADIALES FIXES MONTEES EN AMONT DE LA SOUFFLANTE**
[72] LECORDIX, JEAN-LOIC HERVE, FR
[73] SNECMA, FR
[85] 2015-01-26
[86] 2013-07-29 (PCT/FR2013/051818)
[87] (WO2014/023891)
[30] FR (1257742) 2012-08-09

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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 17/29 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PERCUTANEOUS INTRAVASCULAR ACCESS FOR ARTERIOVENOUS FISTULA**
[54] **SYSTEMES ET PROCEDES D'ACCES INTRAVASCULAIRE PERCUTANE POUR FISTULE ARTERIO-VEINEUSE**
[72] HULL, JEFFREY E., US
[72] RITCHART, MARK A., US
[73] AVENU MEDICAL, INC., US
[85] 2015-01-27
[86] 2013-07-31 (PCT/US2013/053070)
[87] (WO2014/022585)
[30] US (61/678,240) 2012-08-01

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[25] EN
[54] **BORATED LUBRICATING OIL ADDITIVE COMPOSITION**
[54] **COMPOSITION D'ADDITIF POUR HUILE DE LUBRIFICATION BOREE**
[72] SUEN, YAT FAN, US
[72] BARBAROW, JENNIFER ELIZABETH, US
[73] CHEVRON ORONITE COMPANY LLC, US
[85] 2015-01-28
[86] 2013-07-26 (PCT/US2013/052287)
[87] (WO2014/070268)
[30] US (13/663,734) 2012-10-30

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[25] EN
[54] **PORTABLE COLLISION WARNING APPARATUS**
[54] **APPAREIL D'AVERTISSEMENT DE COLLISION PORTATIF**
[72] RASHID, CHARLES, US
[72] SAFIE, STEVE A., US
[73] RASHID, CHARLES, US
[73] SAFIE, STEVE A., US
[85] 2015-02-03
[86] 2013-08-05 (PCT/US2013/053639)
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[30] US (61/679,246) 2012-08-03

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[51] **Int.Cl. E21B 43/26 (2006.01) C09K 8/72 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **CRYOGENIC ACID FRACK**
[54] **FRACTURATION A L'ACIDE CRYOGENIQUE**
[72] DEAN, RICKY H., US
[72] SCHMIDT, JOSEPH H., US
[73] CONOCOPHILLIPS COMPANY, US
[86] (2881054)
[87] (2881054)
[22] 2015-02-04
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[30] US (14/613,717) 2015-02-04

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[13] C
[51] **Int.Cl. A61F 2/30 (2006.01)**
[25] EN
[54] **SPINAL IMPLANT HAVING A PASSAGE FOR ENHANCING CONTACT BETWEEN BONE GRAFT MATERIAL AND CORTICAL ENDPLATE BONE**
[54] **IMPLANT RACHIDIEN POSSEDANT UN PASSAGE DE CONTACT AMELIORE ENTRE UN GREFFON OSSEUX ET UN OS DE PLAQUE D'EXTREMITE CORTICALE**
[72] ULLRICH, PETER F., JR., US
[72] PATTERSON, CHAD J., US
[73] TITAN SPINE, INC., US
[85] 2014-12-22
[86] 2013-06-14 (PCT/US2013/045830)
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[30] US (13/534,624) 2012-06-27

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[25] EN
[54] **METHOD FOR CORROSION-PROTECTIVE SERIAL SURFACE TREATMENT OF METALLIC COMPONENTS**
[54] **PROCEDE DE TRAITEMENT DE SURFACE ANTICORROSION D'ELEMENTS METALLIQUES EN SERIE**
[72] BROUWER, JAN-WILLEM, DE
[72] PILAREK, FRANK-OLIVER, DE
[72] LILL, KIRSTEN AGNES, DE
[72] RESANO ARTALEJO, FERNANDO JOSE, DE
[72] HENZE, NATASCHA, DE
[73] HENKEL AG & CO. KGAA, DE
[85] 2015-02-25
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[87] (WO2014/037234)
[30] DE (102012215679.8) 2012-09-04

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[13] C
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[25] EN
[54] **SEGMENTED VALVE PACKING GLAND**
[54] **FOULOIR SEGMENTE POUR SOUPAPE**
[72] MURAN, JOHN W., US
[72] KELLEY, JOHN, US
[73] EMERSON VULCAN HOLDING LLC, US
[85] 2015-03-02
[86] 2013-09-05 (PCT/US2013/058327)
[87] (WO2014/039720)
[30] US (61/697,661) 2012-09-06

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[51] **Int.Cl. F16H 57/04 (2010.01) F16H 61/433 (2010.01) F16H 61/38 (2006.01) F16H 61/42 (2010.01)**
[25] EN
[54] **EXTERNAL LUBE SYSTEM FOR A TRANSMISSION**
[54] **SYSTEME DE LUBRIFICATION EXTERNE POUR UNE TRANSMISSION**
[72] LONG, CHARLES F., US
[72] PRICE, RICHARD H., US
[73] ALLISON TRANSMISSION, INC., US
[85] 2015-03-10
[86] 2013-08-13 (PCT/US2013/054608)
[87] (WO2014/055159)
[30] US (13/632,198) 2012-10-01

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[25] EN
[54] **NUCLEIC ACID VACCINES AGAINST HERPES SIMPLEX VIRUS TYPE 2: COMPOSITIONS AND METHODS FOR ELICITING AN IMMUNE RESPONSE**
[54] **VACCINS A ACIDE NUCLEIQUE CONTRE LE VIRUS D'HERPES SIMPLEX DE TYPE 2 : COMPOSITIONS ET PROCEDES POUR SUSCITER UNE REPONSE IMMUNITAIRE**
[72] LONG, DEBORAH, US
[72] FLECHTNER, JESSICA, US
[72] SKOBERNE, MOJCA, US
[73] GENOCEA BIOSCIENCES, INC., US
[85] 2015-03-20
[86] 2012-11-21 (PCT/US2012/066241)
[87] (WO2013/078299)
[30] US (61/563,507) 2011-11-23

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[25] EN
[54] **DEVICE FOR IRRIGATING THE NASOSINAL CAVITIES**
[54] **DISPOSITIF D'IRRIGATION DES CAVITES NASO-SINUSIENNES**
[72] BERTAUD, OLIVIER, FR
[72] BEAULIEU, ANNE, FR
[73] LABORATOIRE DE LA MER, FR
[85] 2015-03-31
[86] 2013-08-06 (PCT/EP2013/066439)
[87] (WO2014/023713)
[30] FR (1257725) 2012-08-09

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[51] **Int.Cl. C07H 15/04 (2006.01) C07H 15/18 (2006.01)**
[25] EN
[54] **METHOD OF PREPARATION OF A-GALACTOSYL CERAMIDES COMPOUNDS**
[54] **PROCEDE DE PREPARATION DE COMPOSES A-GALACTOSYL CERAMIDES**
[72] SERRA, VINCENT, FR
[73] ABIVAX, FR
[85] 2015-04-15
[86] 2013-10-30 (PCT/EP2013/072711)
[87] (WO2014/067995)
[30] EP (12306355.4) 2012-10-30
[30] US (61/720,098) 2012-10-30

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[13] C
[51] **Int.Cl. F01D 21/04 (2006.01) F01D 25/16 (2006.01)**
[25] FR
[54] **EXHAUST HOUSING HUB FOR A TURBOMACHINE**
[54] **MOYEU DE CARTER D'ECHAPPEMENT POUR UNE TURBOMACHINE**
[72] DE SOUSA, MARIO CESAR, FR
[72] NOEL, FREDERIC, FR
[72] POMMIER, NICOLAS, FR
[72] RENON, OLIVIER, FR
[73] SNECMA, FR
[85] 2015-04-27
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[54] **POLYHEDRAL OLIGOMERIC SILSESQUIOXANE GRAFTED POLYMER IN POLYMERIC FOAM**
[54] **POLYMERE GREFFE DE SILSESQUIOXANE OLIGOMERIQUE POLYEDRIQUE DANS UNE MOUSSE POLYMERIQUE**
[72] KING, BRUCE A., US
[72] PATANKAR, KSHITISH A., US
[72] COSTEUX, STEPHANE, US
[72] JEON, HYUN K., KR
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[86] 2013-11-11 (PCT/US2013/069373)
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[51] **Int.Cl. C12N 15/67 (2006.01) C12N 15/68 (2006.01) C12N 15/69 (2006.01)**
[25] EN
[54] **METHOD FOR MODIFICATION OF CELLULAR RNA EXPRESSION COMPRISING INTERFERON (IFN) RECEPTORS AND SIGNALLING**
[54] **METHODE DE MODIFICATION DE L'EXPRESSION D'ARN CELLULAIRE COMPRENANT DES RECEPTEURS D'INTERFERON (IFN) ET LA SIGNALISATION**
[72] SAHIN, UGUR, DE
[72] BEISSERT, TIM, DE
[72] POLEGANOV, MARCO, DE
[72] HERZ, STEPHANIE, DE
[72] KOSTE, LARS, DE
[73] TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZEN DER JOHANNES, DE
[73] BIONTECH RNA PHARMACEUTICALS GMBH, DE
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[86] 2013-11-07 (PCT/EP2013/003362)
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[30] EP (PCT/EP2012/004673) 2012-11-09
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[51] **Int.Cl. F01D 21/02 (2006.01) F02C 9/28 (2006.01) F02C 9/32 (2006.01) H05K 7/14 (2006.01)**
[25] FR
[54] **AIRCRAFT TURBOMACHINE COMPUTER**
[54] **CALCULATEUR DE TURBO-MACHINE D'AERONEF**
[72] PASQUIER, LUDOVIC, FR
[72] AVEROUS, DANIEL, FR
[72] JOACHIM, REMI, FR
[73] MICROTURBO, FR
[85] 2015-05-04
[86] 2013-11-12 (PCT/FR2013/052701)
[87] (WO2014/076400)
[30] FR (12 60800) 2012-11-13

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[51] **Int.Cl. B29C 39/10 (2006.01) B29C 65/70 (2006.01) F16J 15/02 (2006.01) F16L 55/11 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURE OF AN ELASTROMERIC SEAL**
[54] **PROCEDE DE FABRICATION D'UN JOINT ELASTOMERE**
[72] WALTER, BRONISLAV, CA
[73] WALTER, BRONISLAV, CA
[86] (2890750)
[87] (2890750)
[22] 2015-05-08
[30] US (61/990,833) 2014-05-09

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[25] EN
[54] **PROCESS FOR THE CONVERSION OF OXYGENATES TO OLEFINS**
[54] **PROCEDE POUR LA CONVERSION DE COMPOSES OXYGENES EN OLEFINES**
[72] GAAB, MANUELA, DE
[72] MUELLER, ULRICH, DE
[72] KOSTUR, MILAN, DE
[72] BRAUNSMANN, KIRSTEN, DE
[72] BAY, KEREM, DE
[72] PARVULESCU, ANDREI-NICOLAE, DE
[73] BASF SE, DE
[85] 2015-05-12
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[25] EN
[54] **INTRAVASCULAR ARTERIAL TO VENOUS ANASTOMOSIS AND TISSUE WELDING CATHETER**
[54] **ANASTOMOSE ARTERIO-VEINEUSE INTRAVASCULAIRE ET CATHETER DE SOUDAGE DE TISSU**
[72] REU, GENE, US
[72] KELLERMAN, BRAD M., US
[72] WROLSTAD, DAVID K., US
[73] AVENU MEDICAL, INC., US
[85] 2015-05-11
[86] 2013-11-14 (PCT/US2013/070200)
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[51] **Int.Cl. A61B 17/68 (2006.01)**
[25] EN
[54] **LOCKING MEMBER FOR A BONE FIXATION DEVICE**
[54] **ELEMENT DE VERROUILLAGE POUR UN DISPOSITIF DE FIXATION OSSEUSE**
[72] MEMMOLO, MARCELLO, CH
[72] WHEELER, KURTIS, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2015-05-19
[86] 2013-11-12 (PCT/US2013/069559)
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[51] **Int.Cl. B42D 25/00 (2014.01) B42D 25/373 (2014.01) B42D 15/02 (2006.01)**
[25] EN
[54] **PERSONAL CARDS FORMED FROM PRECIOUS METALS OR PRECIOUS METAL ALLOYS**
[54] **CARTES PERSONNELLES FORMEES A PARTIR DE METAUX PRECIEUX OU D'ALLIAGES DE METAUX PRECIEUX**
[72] ZAMBRANO L., JOSE J., US
[73] AU CARD, LLC, US
[85] 2015-05-19
[86] 2013-09-09 (PCT/US2013/058812)
[87] (WO2014/039996)
[30] US (61/698,485) 2012-09-07
[30] US (14/022,014) 2013-09-09

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[51] **Int.Cl. B61K 9/08 (2006.01)**
[25] EN
[54] **3D TRACK ASSESSMENT SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'EVALUATION DE PISTE 3D**
[72] MESHER, DAREL, CA
[73] TETRA TECH, INC., US
[86] (2892885)
[87] (2892885)
[22] 2015-05-29
[30] US (62/118,600) 2015-02-20

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 12/06 (2009.01) G06Q 20/32 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTHENTICATING A USER USING A MOBILE DEVICE AND BY MEANS OF CERTIFICATES**
[54] **PROCEDE ET SYSTEME POUR AUTHENTIFIER UN UTILISATEUR A L'AIDE D'UN DISPOSITIF MOBILE ET AU MOYEN DE CERTIFICATS**
[72] VANCZAK, GERGELY, HU
[73] MICROSEC SZAMITASTECHNIKAI FEJLESZTO ZRT., HU
[85] 2015-06-03
[86] 2013-12-06 (PCT/HU2013/000118)
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[30] HU (P1200715) 2012-12-07

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[25] EN
[54] **MANNOSE DERIVATIVES FOR TREATING BACTERIAL INFECTIONS**
[54] **DERIVES DE MANNOSE POUR LE TRAITEMENT D'INFECTIONS BACTERIENNES**
[72] RAMTOHUL, YEEMAN K., CA
[72] CADILHAC, CAROLINE, CA
[72] DAS, SANJOY KUMAR, CA
[72] DIETRICH, EVELYNE, CA
[72] GALLANT, MICHEL, CA
[72] LIU, BINGCAN, CA
[72] MARTEL, JULIEN, CA
[72] POISSON, CARL, CA
[72] REDDY, THUMKUNTA JAGADEESWAR, CA
[72] VAILLANCOURT, LOUIS, CA
[72] VALLEE, FREDERIC, CA
[73] VERTEX PHARMACEUTICALS INCORPORATED, US
[85] 2015-06-09
[86] 2013-12-18 (PCT/US2013/076086)
[87] (WO2014/100158)
[30] US (61/738,620) 2012-12-18
[30] US (61/788,241) 2013-03-15
[30] US (61/874,501) 2013-09-06

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[51] **Int.Cl. C01B 37/02 (2006.01) C01B 39/12 (2006.01) C01B 39/40 (2006.01)**
[25] EN
[54] **SMALL CRYSTAL ZSM-5, ITS SYNTHESIS AND USE**
[54] **ZSM-5 A PETITS CRISTAUX, SA SYNTHESE ET SON UTILISATION**
[72] BURTON, ALLEN W., US
[72] KLIEWER, CHRISTINE E., US
[72] AFEWORKI, MOBAE, US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2015-06-15
[86] 2013-11-22 (PCT/US2013/071456)
[87] (WO2014/099262)
[30] US (61/740,908) 2012-12-21
[30] EP (13155722.5) 2013-02-19

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[13] C
[51] **Int.Cl. G01N 27/22 (2006.01) G01N 27/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR DETERMINING THE LOCATION OF AN INTERFACE OF INTEREST, AND COMPUTER PROGRAM**
[54] **PROCEDE ET APPAREIL PERMETTANT DE DETERMINER L'EMPLACEMENT D'UNE INTERFACE D'INTERET ET PROGRAMME INFORMATIQUE**
[72] VOUTILAINEN, ARTO, FI
[72] LAAKKONEN, PASI, FI
[72] LEHIKOINEN, ANSSI, FI
[73] ROCSOLE LTD., FI
[85] 2015-07-03
[86] 2013-02-01 (PCT/FI2013/050113)
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[51] **Int.Cl. A47B 21/00 (2006.01) B60K 35/00 (2006.01) G06F 3/02 (2006.01)**
[25] EN
[54] **KEYBOARD MOUNTING ASSEMBLY**
[54] **ENSEMBLE D'INSTALLATION DE CLAVIER**
[72] DEMSKI, BRIAN M., US
[73] GAMBER-JOHNSON LLC, US
[86] (2901456)
[87] (2901456)
[22] 2015-08-25
[30] US (14/807,540) 2015-07-23

[11] **2,902,054**
[13] C
[51] **Int.Cl. B64C 1/14 (2006.01) B64D 41/00 (2006.01)**
[25] EN
[54] **AIRCRAFT DRAINAGE SYSTEM**
[54] **SYSTEME DE DRAINAGE POUR AVION**
[72] GAUDREAU, JEAN-GUY, CA
[72] DESY, PHILIPPE, CA
[72] SOURBES, GUILLAUME, CA
[73] C SERIES AIRCRAFT LIMITED PARTNERSHIP, CA
[85] 2015-08-20
[86] 2014-02-24 (PCT/IB2014/000193)
[87] (WO2014/135938)
[30] US (61/773,298) 2013-03-06

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[51] **Int.Cl. G01N 1/30 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PROCESSING HISTOLOGICAL, POSTMORTEM, CYTOLOGICAL SAMPLES**
[54] **COMPOSITION POUR TRAITER DES ECHANTILLONS HISTOLOGIQUES, POST MORTEM, CYTOLOGIQUES**
[72] MADAU, GIACOMO, IT
[72] HARCHI, ABDELKRIM, IT
[72] ROLESU, GIORGIO, IT
[72] VIALE, ADRIANO, IT
[73] MADAU, GIACOMO, IT
[73] HARCHI, ABDELKRIM, IT
[73] ROLESU, GIORGIO, IT
[85] 2015-09-11
[86] 2013-03-25 (PCT/IT2013/000088)
[87] (WO2013/144986)
[30] IT (CA2012A000004) 2012-03-30
[30] IT (RM2012A000583) 2012-11-21

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[25] EN
[54] **MOTION-CONSTRAINED TILE SET FOR REGION OF INTEREST CODING**
[54] **JEU DE TUILES A CONTRAINTES DE MOUVEMENT PERMETTANT DE CODER UNE REGION D'INTERET**
[72] WU, YONGJUN, US
[72] SULLIVAN, GARY J., US
[72] ZHANG, YIFU, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2015-09-24
[86] 2013-09-20 (PCT/US2013/061057)
[87] (WO2014/168650)
[30] US (61/809,427) 2013-04-08
[30] US (14/021,883) 2013-09-09

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[13] C
[51] **Int.Cl. F01D 25/02 (2006.01) F02C 7/047 (2006.01)**
[25] FR
[54] **DEVICE FOR DEICING AN AERONAUTICAL TURBOMACHINE SEPARATOR**
[54] **DISPOSITIF DE DEGIVRAGE D'UN BEC DE SEPARATION DE TURBOMACHINE AERONAUTIQUE**
[72] GOMANNE, BENOIT JEAN HENRI, FR
[72] BRAULT, MICHEL GILBERT ROLAND, FR
[73] SNECMA, FR
[85] 2015-10-06
[86] 2014-04-11 (PCT/FR2014/050883)
[87] (WO2014/167259)
[30] FR (1353296) 2013-04-11

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[51] **Int.Cl. C10G 45/16 (2006.01) B01J 35/02 (2006.01) C10G 47/26 (2006.01) C10G 49/12 (2006.01) C10G 65/10 (2006.01) C10G 65/12 (2006.01)**
[25] EN
[54] **SLURRY HYDROCONVERSION WITH HIGH ACTIVITY CATALYSTS**
[54] **HYDROCONVERSION DE BOUILLIE AVEC UN CATALYSEUR D'ACTIVITE ELEVEE**
[72] SUNDARARAMAN, RAMANATHAN, US
[72] DEGNAN, THOMAS FRANCIS, US
[72] BILLIMORIA, RUSTOM MERWAN, US
[72] WILSON, KEITH, GB
[72] SMILEY, RANDOLPH J., US
[72] THIART, JACOB JOHANNES, US
[73] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2015-11-03
[86] 2014-06-19 (PCT/US2014/043106)
[87] (WO2014/205172)
[30] US (61/837,330) 2013-06-20
[30] US (61/837,387) 2013-06-20
[30] US (61/837,353) 2013-06-20
[30] US (61/837,377) 2013-06-20

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[13] C
[51] **Int.Cl. G07D 11/13 (2019.01) G07D 11/125 (2019.01) B65B 25/14 (2006.01)**
[25] EN
[54] **DEVICE FOR FILLING AND CLOSING DISPOSABLE BAGS FOR CONTAINING BANKNOTES**
[54] **DISPOSITIF DE REMPLISSAGE ET DE FERMETURE DE SACS JETABLES POUR CONTENIR DES BILLETS DE BANQUE**
[72] RAZZABONI, NICOLETTA, IT
[72] RAZZABONI, VITTORIO, IT
[73] CIMA S.P.A., IT
[85] 2015-11-03
[86] 2014-05-08 (PCT/IB2014/061298)
[87] (WO2014/181286)
[30] IT (MI2013A 000751) 2013-05-09

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[13] C
[51] **Int.Cl. H04N 19/187 (2014.01) H04N 19/184 (2014.01) H04N 19/30 (2014.01) H04N 19/46 (2014.01) H04N 19/597 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **SIGNALING OF BIT RATE INFORMATION AND PICTURE RATE INFORMATION IN VPS**
[54] **SIGNALISATION D'INFORMATIONS DE DEBIT BINAIRE ET D'INFORMATIONS DE DEBIT D'IMAGE EN VPS**
[72] WANG, YE-KUI, US
[72] RAPAKA, KRISHNAKANTH, US
[73] QUALCOMM INCORPORATED, US
[85] 2015-12-02
[86] 2014-07-14 (PCT/US2014/046553)
[87] (WO2015/009633)
[30] US (61/846,421) 2013-07-15
[30] US (14/329,675) 2014-07-11

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[13] C
[51] **Int.Cl. H04L 9/30 (2006.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SPLICING INTO AN ACTIVE TLS SESSION WITHOUT A CERTIFICATE OR PRIVATE KEY**
[54] **RACCORDEMENT DANS UNE SESSION TLS ACTIVE SANS CERTIFICAT NI CLE PRIVEE**
[72] GERO, CHARLES E., US
[72] STONE, MICHAEL R., US
[73] AKAMAI TECHNOLOGIES, INC., US
[85] 2015-12-03
[86] 2014-05-03 (PCT/US2014/036710)
[87] (WO2014/179783)
[30] US (61/818,979) 2013-05-03
[30] US (14/268,657) 2014-05-02

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[51] **Int.Cl. H01Q 1/22 (2006.01) H01Q 3/00 (2006.01)**
[25] EN
[54] **MULTI-ELEVATIONAL ANTENNA SYSTEMS AND METHODS OF USE**
[54] **SYSTEMES D'ANTENNE A MULTIPLES ELEVATIONS ET PROCEDES D'UTILISATION**
[72] DUNCAN, WILLIAM DAVID, US
[72] HYDE, RODERICK A., US
[72] KARE, JORDIN T., US
[72] WOOD, LOWELL L., JR., US
[73] ELWHA LLC, US
[85] 2015-12-09
[86] 2014-06-11 (PCT/US2014/041943)
[87] (WO2014/201136)
[30] US (13/915,418) 2013-06-11

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[51] **Int.Cl. E21B 47/13 (2012.01) E21B 17/04 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR GENERATING ELECTROMAGNETIC TELEMETRY SIGNALS**
[54] **PROCEDES ET APPAREILS POUR GENERER DES SIGNAUX DE TELEMETRIE ELECTROMAGNETIQUES**
[72] LOGAN, AARON W., CA
[72] AHMOYE, DANIEL W., CA
[72] SWITZER, DAVID A., CA
[72] LOGAN, JUSTIN C., CA
[72] DERKACZ, PATRICK R., CA
[72] KAZEMI MIRAKI, MOJTABA, CA
[73] EVOLUTION ENGINEERING INC., CA
[85] 2015-12-10
[86] 2014-06-20 (PCT/CA2014/050590)
[87] (WO2014/201572)
[30] US (61/838,196) 2013-06-21

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[25] EN
[54] **AFUCOSYLATED ANTI-FGFR2IIIB ANTIBODIES**
[54] **ANTICORPS ANTI-FGFR2IIIB AFUCOSYLES**
[72] HARDING, THOMAS, US
[72] PIERCE, KRISTEN, US
[72] PATIL, NAMRATA, US
[72] BRENNAN, THOMAS, US
[72] HAMBLETON, JULIE, US
[73] FIVE PRIME THERAPEUTICS, INC., US
[85] 2015-12-15
[86] 2014-07-31 (PCT/US2014/049008)
[87] (WO2015/017600)
[30] US (61/861,198) 2013-08-01
[30] US (61/901,732) 2013-11-08
[30] US (61/933,632) 2014-01-30

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[25] EN
[54] **DTCP CONVERTER FOR HLS**
[54] **CONVERTISSEUR DTCP POUR HLS**
[72] MORONEY, PAUL, US
[72] MANGALORE, GEETHA, US
[72] FRANKS, WILLIAM P., US
[73] ARRIS ENTERPRISES LLC, US
[85] 2015-12-21
[86] 2014-06-23 (PCT/US2014/043728)
[87] (WO2014/205450)
[30] US (61/838,180) 2013-06-21
[30] US (61/846,593) 2013-07-15
[30] US (61/856,536) 2013-07-19
[30] US (61/857,605) 2013-07-23
[30] US (61/874,478) 2013-09-06
[30] US (61/890,075) 2013-10-11
[30] US (62/004,953) 2014-05-30
[30] US (14/312,536) 2014-06-23
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[25] EN
[54] **SYSTEM AND APPARATUS FOR FINANCIAL EDUCATION, ENTREPRENEURSHIP EDUCATION AND LIFE MANAGEMENT**
[54] **SYSTEME ET APPAREIL POUR L'EDUCATION FINANCIERE, L'ENSEIGNEMENT DE L'ENTREPRENEURIAT ET LA PREPARATION A LA VIE**
[72] MOUMNEH, KAMAL, AE
[73] MOUMNEH, KAMAL, AE
[85] 2015-12-31
[86] 2014-06-23 (PCT/IB2014/001193)
[87] (WO2015/008121)
[30] US (13/942,142) 2013-07-15

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[13] C
[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **FACTORY MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION D'USINE**
[72] SIVAKUMAR, SRINIVASAN, IN
[72] PRASAD, RAJENDRA T., IN
[72] KOUSHIK, VIJAYARAGHAVAN, IN
[72] MANIAR, PARIKSHIT, IN
[72] POLISETTY, RAGHU R., IN
[72] MARIAPPAN, GANESH, IN
[72] JEYACHANDRAN, SENTHIL KUMAR, IN
[72] GHOSH, BHASKAR, IN
[72] KURIAN, ITTOOP J., IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2917363)
[87] (2917363)
[22] 2016-01-12
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[51] **Int.Cl. G21K 1/06 (2006.01) G02B 5/10 (2006.01) G02B 17/00 (2006.01) G21K 1/00 (2006.01)**
[25] EN
[54] **OPTICAL DESIGN METHOD FOR X-RAY FOCUSING SYSTEM USING ROTATING MIRROR, AND X-RAY FOCUSING SYSTEM**
[54] **PROCEDE DE CONCEPTION OPTIQUE POUR SYSTEME DE FOCALISATION DE RAYONS X UTILISANT UN MIROIR ROTATIF ET SYSTEME DE FOCALISATION DE RAYONS X**
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[72] MIMURA, HIDEKAZU, JP
[73] THE UNIVERSITY OF TOKYO, JP
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[72] CHASKO, STEPHEN, US
[73] LANDIS+GYR INNOVATIONS, INC., US
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[54] **ADAPTATION D'INTERFACE UTILISATEUR DE VEHICULE**
[72] ZIMMERMAN, JAMES BRYAN, US
[73] INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY), US
[85] 2016-02-02
[86] 2014-08-27 (PCT/US2014/052961)
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[25] EN
[54] **EXHAUST ENERGY RECOVERY AND POLLUTION CONTROL SYSTEM FOR MARINE VESSEL**
[54] **SYSTEME DE RECUPERATION D'ENERGIE D'ECHAPPEMENT ET DE CONTROLE DE LA POLLUTION DESTINE A UN NAVIRE**
[72] RANDALL, PETER, US
[73] RANDALL, PETER, US
[86] (2920426)
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[54] **OPTIMIZING ELECTROMAGNETIC TELEMETRY TRANSMISSIONS**
[54] **OPTIMISATION DE TRANSMISSIONS TELEMETRIQUES ELECTROMAGNETIQUES**
[72] LIU, JILI, CA
[72] XU, MINGDONG, CA
[72] LOGAN, AARON W., CA
[72] SWITZER, DAVID A., CA
[72] VARGA, MONICA E., CA
[72] KAZEMI MIRAKI, MOJTABA, CA
[73] EVOLUTION ENGINEERING INC., CA
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[54] **METHOD FOR PRODUCING A HYDROPHOBIC OR SUPERHYDROPHOBIC SURFACE TOPOGRAPHY**
[54] **PROCEDE DE PRODUCTION D'UNE TOPOGRAPHIE DE SURFACE HYDROPHOBE OU SUPER-HYDROPHOBE**
[72] ESPE, OLIVER, DE
[73] HUECK RHEINISCHE GMBH, DE
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[54] **MODULAR LOW CHARGE HYDROCARBON REFRIGERATION SYSTEM AND METHOD OF OPERATION**
[54] **SYSTEME MODULAIRE DE REFRIGERATION D'HYDROCARBURES A FAIBLE CHARGE ET PROCEDE DE FONCTIONNEMENT**
[72] SHAPIRO, DORON, US
[72] STREET, NORMAN E., US
[72] LEE, CHIAO M., US
[73] HUSSMANN CORPORATION, US
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[54] **PROJECTION WELDING OF METAL SHEETS**
[54] **SOUDAGE PAR BOSSAGES DE TOLES**
[72] PIETERMAN, KAREL, NL
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[54] **COMMANDE SELECTIVE DES GROUPES DE DETONATEURS**
[72] SCHLENTER, CRAIG CHARLES, ZA
[72] GOUNDEN, JONATHAN, ZA
[73] DETNET SOUTH AFRICA (PTY) LTD, ZA
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[54] **METHOD FOR PRODUCING A SURFACE STRUCTURE ON A PRESSING TOOL BY APPLYING METAL COATINGS**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE DE SURFACE SUR UN OUTIL DE PRESSAGE PAR APPLICATION DE COUCHES METALLIQUES**
[72] STOFFEL, WOLFGANG, DE
[72] MARXEN, MARTIN, DE
[73] HUECK RHEINISCHE GMBH, DE
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[54] **SUBSTANCE MARINE DERIVEE DE CIRRIPEDES A DES STADES PRECOCES DE DEVELOPPEMENT**
[72] TOKLE, NILS EGIL, NO
[72] AAKEROY, HAVARD JOHAN, NO
[73] PLANKTONIC AS, NO
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[54] **FINISH DEPTH TURNING INSERT COMPRISING A CHIP CONTROL ARRANGEMENT**
[54] **PLAQUETTE AMOVIBLE DE TOURNAGE DE PROFONDEUR DE FINITION, COMPRENANT UN AGENCEMENT DE CONTROLE DE COPEAUX**
[72] HEN, DANIEL, IL
[72] MAJIMA, SHINYA, JP
[73] ISCAR LTD., IL
[85] 2016-03-15
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[54] **APPARATUS FOR TRANSMITTING BROADCAST SIGNAL, APPARATUS FOR RECEIVING BROADCAST SIGNAL, METHOD FOR TRANSMITTING BROADCAST SIGNAL AND METHOD FOR RECEIVING BROADCAST SIGNAL**
[54] **APPAREIL DE TRANSMISSION D'UN SIGNAL DIFFUSE, APPAREIL DE RECEPTION D'UN SIGNAL DIFFUSE, METHODE DE TRANSMISSION D'UN SIGNAL DIFFUSE ET METHODE DE RECEPTION D'UN SIGNAL DIFFUSE**
[72] KWAK, MINSUNG, KR
[72] MOON, KYOUNGSOO, KR
[72] LEE, JANGWON, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[73] LG ELECTRONICS INC., KR
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[54] **HARQ-ACK RESOURCE ALLOCATION AND USE FOR EIMTA**
[54] **ATTRIBUTION DE RESSOURCE HARQ-ACK ET UTILISATION ASSOCIEE POUR EIMTA**
[72] TIIROLA, ESA TAPANI, FI
[72] LUNTTILA, TIMO ERKKI, FI
[73] NOKIA SOLUTIONS AND NETWORKS OY, FI
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[51] **Int.Cl. E21B 43/34 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **METHOD FOR REMOVING CONTAMINANTS FROM WASTEWATER IN HYDRAULIC FRACTURING PROCESS**
[54] **PROCEDE POUR ELIMINER DES CONTAMINANTS A PARTIR D'EAUX USEES DANS UN PROCEDE DE FRACTURATION HYDRAULIQUE**
[72] NEVIN, DONALD, US
[73] NEVIN, DONALD, US
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[54] **METHOD FOR LOCATING A SOUND SOURCE, AND HUMANOID ROBOT USING SUCH A METHOD**
[54] **PROCEDE DE LOCALISATION D'UNE SOURCE SONORE ET ROBOT HUMANOIDE UTILISANT UN TEL PROCEDE**
[72] RUMP, GREGORY, FR
[73] ALDEBARAN ROBOTICS, FR
[85] 2016-03-31
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[54] **NICOTINAMIDE RIBOSIDE COMPOSITIONS FOR TOPICAL USE IN TREATING SKIN CONDITIONS**
[54] **COMPOSITIONS DE NICOTINAMIDE RIBOSIDE A USAGE TOPIQUE POUR TRAITER LES AFFECTIONS CUTANEES**
[72] DEREN-LEWIS, ANN, US
[72] RHONEMUS, TROY, US
[73] CHROMADEX INC., US
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[25] EN
[54] **AN EARPHONE HAVING AN ACOUSTIC TUNING MECHANISM**
[54] **ECOUTEUR POURVU D'UN MECANISME D'ACCORD ACOUSTIQUE**
[72] HOWES, MICHAEL B., US
[72] AZMI, YACINE, US
[72] PORTER, SCOTT P., US
[72] AASE, JONATHAN S., US
[73] APPLE INC., US
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[54] **SYSTEM FOR FEEDING AND PUMPING OF LESS PUMPABLE MATERIAL IN A CONDUIT LINE**
[54] **SYSTEME D'ACHEMINEMENT ET DE POMPAGE DE SUBSTANCE MOINS APTE A ETRE POMPEE DANS UNE CONDUITE**
[72] MONSEN, STEIN KYRRE, NO
[72] MICHELSEN, ERIK, NO
[73] THERMTECH HOLDINGS AS, NO
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[25] EN
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[54] **ABSORPTION SONORE GEOMETRIQUE PAR FABRICATION ADDITIVE**
[72] HAYES, MICHAEL WILLIAMS, US
[72] CUDDY, NATHANIAL C., US
[73] THE BOEING COMPANY, US
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[87] (2929395)
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[54] **MULTIPLE POTTED-PLANT SELF-WATERING SYSTEM**
[54] **SYSTEME D'ARROSAGE AUTOMATIQUE DE PLANTES EN POTS MULTIPLES**
[72] STEWART, DONALD J., JR., US
[73] STEWART, DONALD J., JR., US
[85] 2016-05-10
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[54] **METHOD FOR REDUCING THE VISCOSITY OF VISCOUS FLUIDS**
[54] **PROCEDE DE REDUCTION DE LA VISCOSITE DE FLUIDES VISQUEUX**
[72] FLETCHER, PHILIP, GB
[72] CRABTREE, MICHAEL JOHN, GB
[72] EAGLAND, DONALD, GB
[72] CROWTHER, NICHOLAS JOHN, GB
[73] OILFLOW SOLUTIONS INC., CA
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[51] **Int.Cl. G01J 1/50 (2006.01)**
[25] EN
[54] **MULTI-LAYER DOSIMETER USABLE WITH SUNSCREEN AND METHODS FOR PREPARATION AND USE**
[54] **DOSIMETRE MULTICOUCHE UTILISABLE AVEC UN ECRAN SOLAIRE ET METHODES DE PREPARATION ET UTILISATION ASSOCIEES**
[72] LEVINE, ANDREW SETH, US
[72] LEVINE, ALEXANDRA MICHELE, US
[72] ZUJOVIC, NICOLE ANN, US
[73] JADS INTERNATIONAL LLC, US
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[51] **Int.Cl. G01P 13/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PERFORMING MOTION CAPTURE USING A RANDOM PATTERN ON CAPTURE SURFACES**
[54] **APPAREIL ET METHODE DE CAPTURE DE MOUVEMENTS PAR PARCOURS ALEATOIRE SUR DES SURFACES DE CAPTURE**
[72] COTTER, TIM S., US
[72] PERLMAN, STEPHEN G., US
[72] SPECK, JOHN, US
[72] VAN DER LAAN, ROGER, US
[72] PEARCE, KEN A., US
[72] LASALLE, GREG, US
[73] REARDEN MOVA, LLC, US
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[54] **METHOD FOR RECOVERING ASH FROM WASTE INCINERATION**
[54] **PROCEDE DE VALORISATION DE CENDRES ISSUES DE L'INCINERATION DE DECHETS**
[72] TAKHIM, MOHAMED, BE
[73] PRAYON SA, BE
[85] 2016-06-16
[86] 2014-12-19 (PCT/EP2014/078736)
[87] (WO2015/091946)
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[51] **Int.Cl. G06F 16/36 (2019.01) G06F 40/30 (2020.01)**
[25] EN
[54] **GENERATING A DOMAIN ONTOLOGY USING WORD EMBEDDINGS**
[54] **GENERATION D'UNE ONTOLOGIE DE DOMAINE AU MOYEN D'INTEGRATIONS DE MOTS**
[72] PODDER, SANJAY, IN
[72] GUPTA, NIHARIKA, IN
[72] KARUKAPADATH MOHAMEDRASHE, ANNERVAZ, IN
[72] SENGUPTA, SHUBHASHIS, IN
[73] ACCENTURE GLOBAL SOLUTIONS LIMITED, IE
[86] (2934808)
[87] (2934808)
[22] 2016-06-30
[30] IN (3427/CHE/2015) 2015-07-04
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[51] **Int.Cl. B60W 60/00 (2020.01) E21C 35/08 (2006.01) G01C 25/00 (2006.01)**
[25] EN
[54] **MINING MACHINE MANAGEMENT SYSTEM, MINING MACHINE, AND MANAGEMENT METHOD**
[54] **SYSTEME DE GESTION DE MACHINE DE MINES, MACHINE DE MINES ET PROCEDE DE GESTION**
[72] TOJIMA, MASANORI, JP
[72] RYUMAN, MITSUHIRO, JP
[73] KOMATSU LTD., JP
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[54] **VEHICLE OCCUPANT SENSOR SYSTEM AND METHOD**
[54] **DISPOSITIF DE DETECTEUR D'OCCUPANT D'UN VEHICULE ET METHODE**
[72] REGAN, CASEY CHARLES, US
[72] AYRES, STEPHEN WILLIAM, US
[73] THE BOEING COMPANY, US
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[87] (2935382)
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[30] US (14/853,372) 2015-09-14

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[51] **Int.Cl. B05B 1/34 (2006.01) B05B 9/01 (2006.01) B05B 9/08 (2006.01)**
[25] EN
[54] **FLUID ATOMIZER, NOZZLE ASSEMBLY AND METHODS FOR USING AND UTILIZING THE SAME**
[54] **ATOMISEUR DE FLUIDE, ASSEMBLAGE DE BUSE ET METHODE D'UTILISATION ASSOCIEE**
[72] BIGGS, JAMES C., III, US
[72] BENTON, ARTHUR MICHAEL, US
[72] CARNEY, PAUL C., US
[73] NEOGEN CORPORATION, US
[85] 2016-07-15
[86] 2015-02-18 (PCT/US2015/016337)
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[51] **Int.Cl. G08C 25/00 (2006.01) H04W 28/04 (2009.01) G01D 4/02 (2006.01) H04B 3/54 (2006.01) H04L 1/08 (2006.01)**
[25] EN
[54] **DATA AND EVENT GAP RECONCILIATION ACROSS NETWORKS USING DIFFERENT COMMUNICATION TECHNOLOGIES**
[54] **RECONCILIATION D'INTERVALLE DE DONNEES ET D'EVENEMENTS A TRAVERS DES RESEAUX A L'AIDE DE DIFFERENTES TECHNOLOGIES DE COMMUNICATION**
[72] DAVIS, JAMES S., US
[72] KRAMER, ERIC, US
[72] SUTHRAM, SIVA, US
[72] HICKS, BONNY, US
[73] LANDIS+GYR INNOVATIONS, INC., US
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[86] 2015-02-26 (PCT/US2015/017709)
[87] (WO2015/130914)
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[13] C
[51] **Int.Cl. H04J 11/00 (2006.01)**
[25] EN
[54] **SYSTEMS, METHODS, AND DEVICES FOR DEVICE-TO-DEVICE DISCOVERY AND COMMUNICATION**
[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE DECOUVERTE ET DE COMMUNICATION DE DISPOSITIF A DISPOSITIF**
[72] XIONG, GANG, US
[72] CHATTERJEE, DEBDEEP, US
[72] KHORYAEV, ALEXEY, RU
[73] APPLE INC., US
[85] 2016-08-09
[86] 2015-02-11 (PCT/US2015/015454)
[87] (WO2015/138076)
[30] US (61/953,622) 2014-03-14
[30] US (14/582,035) 2014-12-23

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[13] C
[51] **Int.Cl. G01M 7/02 (2006.01)**
[25] EN
[54] **POSITIONER FOR ELECTRODYNAMIC SHAKER**
[54] **DISPOSITIF DE POSITIONNEMENT D'UN AGITATEUR ELECTRODYNAMIQUE**
[72] PROULX, MARK PHILLIP, US
[73] THE BOEING COMPANY, US
[86] (2939960)
[87] (2939960)
[22] 2016-08-23
[30] US (14/945,150) 2015-11-18

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[51] **Int.Cl. C12P 7/10 (2006.01) C12P 1/00 (2006.01) C12P 7/02 (2006.01) C12P 7/06 (2006.01) C12P 19/14 (2006.01) D21C 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A CELLULOSIC FEEDSTOCK AT HIGH CONSISTENCY**
[54] **PROCEDE DE TRAITEMENT D'UNE CHARGE DE DEPART CELLULOSIQUE A HAUTE CONSISTANCE**
[72] GRIFFIN, ROBERT, CA
[72] VAN DER MEULEN, TORBJORN, CA
[72] NEUMANN, HAROLD, CA
[72] GLENNS, ROBERT, CA
[73] IOGEN ENERGY CORPORATION, CA
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[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE**
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[72] THOMAS, SIMON, GB
[73] UCL BUSINESS LTD, GB
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[54] **COMPOSE D'INCLUSION DE L'ACIDE 3',5'-CYCLICDIADENYLIQUE ET SON PROCEDE DE PRODUCTION**
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[72] ISHIGE, KAZUYA, JP
[73] YAMASA CORPORATION, JP
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[54] **ARRANGEMENT OF CINEMAS IN MULTIPLEX CINEMAS AND CINEMA ROOM FOR A MULTI-SCREEN CINEMA**
[54] **DISPOSITION DE CINEMAS DANS LES CINEMAS MULTIPLEX ET SALLE DE CINEMA DESTINEE AU CINEMA MULTI ECRAN**
[72] SALLENT PUIGCERCOS, PERE, ES
[73] VALLESVIU, S.A., ES
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[54] **FILM POLYESTER THERMORETRACTABLE ET EMBALLAGE**
[72] HARUTA, MASAYUKI, JP
[72] ISHIMARU, SHINTARO, JP
[73] TOYOBO CO., LTD., JP
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[54] **SYSTEMES DE SUSPENSION POUR VEHICULE**
[72] KINSMAN, ANTHONY J., US
[72] KNUTSON, KELLY J., US
[72] BRADY, LOUIS J., US
[72] GASS, D. BRETT, US
[73] POLARIS INDUSTRIES INC., US
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[54] **FASTENER AND METHOD OF RESTRICTING FLUID FLOW USING SAME**
[54] **ATTACHE ET METHODE DE RESTRICTION D'ECOULEMENT DE FLUIDE EMPLOYANT LADITE ATTACHE**
[72] JORDAN, MATTHEW JOSEPH, US
[72] BURNEY, DENNES KYLE, US
[72] HEETER, ROBERT WARREN, US
[72] RIVERS, JONATHAN, US
[73] ROLLS-ROYCE CORPORATION, US
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[54] **CIRCULAR DEVICE WITH ROTATING MOVEMENT FOR NAIL VARNISH REMOVER**
[54] **DISPOSITIF CIRCULAIRE A MOUVEMENT ROTATIF POUR DISSOLVANT DE VERNIS A ONGLES**
[72] PANTOJA LEON, ANGELICA, MX
[73] PANTOJA LEON, ANGELICA, MX
[85] 2016-10-26
[86] 2015-05-04 (PCT/MX2015/000070)
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[54] **THREE PHASE IMMISCIBLE POLYMER-METAL BLENDS FOR HIGH CONDUCTIVTY COMPOSITES**
[54] **MELANGES POLYMERE-METAL NON MISCIBLES A TROIS PHASES DESTINES A DES COMPOSITES A CONDUCTIVITE ELEVEE**
[72] MOORLAG, CAROLYN, CA
[72] PRESTAYKO, RACHEL, CA
[72] VELLA, SARAH J., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] WOSNICK, JORDAN H., CA
[73] XEROX CORPORATION, US
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[54] **METHODS AND SYSTEMS FOR FACILITATING MOVEMENT OF ARTICLES OF FREIGHT**
[54] **PROCEDES ET SYSTEMES VISANT A FACILITER LE DEPLACEMENT D'ARTICLES DE FRET**
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[73] R&L CARRIERS, INC., US
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[54] **CAPTEUR DE CONTACT**
[72] PEDLEY, MARK, GB
[72] MCCARTHY, BEN, GB
[72] WARD, ADRIAN, GB
[72] BAKER, ANDREW, GB
[73] NEXTLIFE WEARABLES LIMITED, GB
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[54] **OVERFILL AND FLUID LEVEL INDICATORS FOR USE ON FLEXIBLE COLLAPSIBLE LIQUID TANKS**
[54] **INDICATEURS DE DEBORDEMENT ET DE NIVEAU DE LIQUIDE DESTINES A DES RESERVOIRS DE LIQUIDE ECRASABLES ET SOUPLES**
[72] BARTZ, GEORGE, CA
[72] YAREMENKO, VICTOR, CA
[72] CHI, JENNIFER, CA
[72] REICHARD, PAUL, CA
[73] DONMARK HOLDINGS INC., CA
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[87] (2949765)
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[25] EN
[54] **RAILROAD SWITCHYARD MANAGEMENT PROCESS AND RELATED INFRASTRUCTURE**
[54] **PROCESSUS DE GESTION D'UN POSTE DE MANOEUVRE FERROVIAIRE ET INFRASTRUCTURE CONNEXE**
[72] MUINONEN, KARI, CA
[72] PATHAK, ANSHU, CA
[72] BARKER, MATTHEW, CA
[72] MORENCY, VINCENT, CA
[72] DOYLE, GORDON, CA
[73] CANADIAN NATIONAL RAILWAY COMPANY, CA
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[54] **INTERACTION CHAMBERS WITH REDUCED CAVITATION**
[54] **CHAMBRES D'INTERACTION AVEC CAVITATION REDUITE**
[72] PANAGIOTOU, THOMAI, US
[72] SU, YANG, US
[73] MICROFLUIDICS INTERNATIONAL CORPORATION, US
[85] 2016-12-09
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[25] EN
[54] **SENSOR, FILTER ELEMENT COMPRISING A SENSOR AND USE OF SAID TYPE OF FILTER ELEMENT**
[54] **CAPTEUR, ELEMENT FILTRE COMPORTANT UN CAPTEUR ET UTILISATION D'UN TEL ELEMENT FILTRE**
[72] CAESAR, THOMAS, DE
[72] TAPPER, RENATE, DE
[72] HEINZ, STEFFEN, DE
[72] NEUBERT, MARCO, DE
[73] CARL FREUDENBERG KG, DE
[73] EDC ELECTRONIC DESIGN CHEMNITZ GMBH, DE
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[54] **METHOD FOR GUIDING PASSENGERS OF PUBLIC TRANSPORT**
[54] **METHODE DE GUIDAGE DES PASSAGERS DE TRANSPORT PUBLIC**
[72] SCHMIDT, ULRICH, DE
[72] KOENIG, GEORG, DE
[73] INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS- UND LEITSYSTEMEN GMBH, DE
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[54] **RAILCAR DRAFT GEAR ASSEMBLY**
[54] **ENSEMBLE DISPOSITIF DE TRACTION DE WAGON**
[72] WILT, DONALD E., US
[72] SALIS, KEITH A., US
[72] SCHOEDL, ERICH A., US
[72] POKORSKI, ROBERT J., US
[73] MINER ENTERPRISES, INC., US
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[25] EN
[54] **ANGLED RETRACTING SHEATH FOR SAFETY NEEDLE**
[54] **ETUI DE RETRAIT INCURVE POUR AIGUILLE DE SECURITE**
[72] WONG, ANDREW, US
[72] ZACHEK, MATTHEW, US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2959785)
[87] (2959785)
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[54] **COMPOSITION AND METHOD FOR PROCESSING DNA**
[54] **COMPOSITION ET PROCEDE DE TRAITEMENT DE L'ADN**
[72] MCCLURE, REBECCA F., CA
[72] KIRWAN, TYLER P., CA
[73] MCCLURE, REBECCA F., CA
[73] KIRWAN, TYLER P., CA
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[54] **INFLOW CONTROL APPARATUS, METHODS, AND SYSTEMS**
[54] **APPAREILS, PROCEDES ET SYSTEMES DE COMMANDE DE DEBIT ENTRANT**
[72] FILIPPOV, ANDREY, US
[72] KHORIAKOV, VITALY, CA
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **ATTERRISSAGE DE SECURITE**
[72] VETER, PAUL EDWARD, CA
[73] ACCESS INDUSTRIAL INC., CA
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[54] **DEVICE AND METHOD FOR DELIVERY OF A MEDICAMENT**
[54] **DISPOSITIF ET PROCEDE POUR ADMINISTRER UN MEDICAMENT**
[72] ROSE, JED E., US
[72] ROSE, SETH D., US
[72] TURNER, JAMES EDWARD, US
[72] MURUGESAN, THANGARAJU, US
[73] PHILIP MORRIS PRODUCTS S.A., CH
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[25] EN
[54] **A METHOD FOR MEASURING AND DISPLAYING THE TRACK GEOMETRY OF A TRACK SYSTEM**
[54] **PROCEDE PERMETTANT DE MESURER ET DE REPRESENTER LA GEOMETRIE DES RAILS D'UNE VOIE FERREE**
[72] LICHTBERGER, BERNHARD, AT
[73] HP3 REAL GMBH, AT
[85] 2017-04-18
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[87] (WO2016/061602)
[30] AT (A50758/2014) 2014-10-22

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[51] **Int.Cl. G01N 37/00 (2006.01) G01N 27/82 (2006.01)**
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[54] **METHOD AND APPARATUS FOR MATERIAL IDENTIFICATION OF PIPELINES AND OTHER TUBULARS**
[54] **METHODE ET APPAREIL D'IDENTIFICATION MATERIELLE DES PIPELINES ET AUTRES TUBULURES**
[72] GIRRELL, BRUCE I., US
[72] VIEAU, DEAN M., US
[72] CHIRINOS, JOHANA M., US
[72] SPENCER, DOUGLAS W., US
[72] BRUCE, TRENTON M., US
[72] REINHOLD, JABIN D., US
[73] QUANTA ASSOCIATES, L.P., US
[86] (2965105)
[87] (2965105)
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[30] US (15/495,108) 2017-04-24
[30] US (62/327,645) 2016-04-26

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[25] EN
[54] **MANAGED ACCESS SYSTEM WITH SECURITY ASSESSMENT EQUIPMENT**
[54] **SYSTEME D'ACCES GERE DOTE D'UN EQUIPEMENT D'EVALUATION DE LA SECURITE**
[72] SALYERS, ERIC J., US
[72] GALLAGHER, SHAWN H., US
[72] BIRDWELL, BARRY R., US
[73] HARRIS CORPORATION, US
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[87] (2965247)
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[54] **SYSTEM AND METHOD OF LOADING A TRANSACTION CARD AND PROCESSING REPAYMENT ON A MOBILE DEVICE**
[54] **SYSTEME ET PROCEDE DE CHARGEMENT D'UNE CARTE DE TRANSACTION ET DE TRAITEMENT D'UN REMBOURSEMENT SUR UN DISPOSITIF MOBILE**
[72] KUSHEVSKY, MIKHAIL, CA
[72] FAINSHTEIN, MICHAEL, CA
[72] MARTINSONS, VALDIS ANDRIS, CA
[73] XROMB INC., CA
[86] (2965398)
[87] (2965398)
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[25] EN
[54] **PHYSIOLOGICAL PARAMETER MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DE PARAMETRE PHYSIOLOGIQUE**
[72] MOREAU, OLIVER, FR
[72] PASQUETTE, FRANCK, FR
[72] RAZAVET, XAVIER, FR
[72] MEZENGE, LUC, FR
[72] CAUVET, PHILIPPE, FR
[72] BIERMANS, PETER, FR
[73] OPHTIMALIA, FR
[85] 2017-04-27
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[25] EN
[54] **ENVIRONMENTAL CONTROL FOR MEDIUM-VOLTAGE DRIVE**
[54] **CONTROLE ENVIRONNEMENTAL D'ENTRAINEMENT MOYENNE TENSION**
[72] DASKALOS, MICHAEL C., US
[72] KLEINECKE, JOHN C., US
[73] TOSHIBA INTERNATIONAL CORPORATION, US
[86] (2966104)
[87] (2966104)
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[51] **Int.Cl. G01N 29/06 (2006.01) G01S 15/89 (2006.01) G21C 17/017 (2006.01)**
[25] FR
[54] **METHOD FOR DETECTING AND CHARACTERIZING DEFECTS IN A HETEROGENEOUS MATERIAL VIA ULTRASOUND**
[54] **PROCEDE DE DETECTION ET DE CARACTERISATION PAR ULTRASONS DE DEFAUTS DANS UN MATERIAU HETEROGENE**
[72] PAUL, NICOLAS, FR
[72] FILIOT, PIERRE-LOUIS, FR
[73] ELECTRICITE DE FRANCE, FR
[85] 2017-05-19
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[54] **INTRA-PREDICTION METHOD, AND VIDEO ENCODER AND DECODER USING SAME**
[54] **METHODE INTRAPREDICTION, ET CODEUR ET DECODEUR VIDEO EMPLOYANT LADITE METHODE**
[72] PARK, JOONYOUNG, KR
[72] PARK, SEUNGWOOK, KR
[72] LIM, JAEHYUN, KR
[72] KIM, JUNGSUN, KR
[72] CHOI, YOUNGHEE, KR
[72] JEON, BYEONGMOON, KR
[72] JEON, YONGJOON, KR
[73] LG ELECTRONICS INC., KR
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[25] EN
[54] **SUPPORTED CATALYST AND METHOD OF USING SAME TO DECREASE THE VISCOSITY OF HEAVY OIL**
[54] **CATALYSEUR SUPPORTE ET METHODE D'UTILISATION DUDIT CATALYSEUR POUR DIMINUER LA VISCOSITE DU PETROLE LOURD**
[72] PRADHAN, SIVARAM, US
[72] WELLINGTON, SCOTT, US
[72] SHAMMAI, HOUMAN, US
[72] WONG, MICHAEL, US
[73] BAKER HUGHES INCORPORATED, US
[86] (2969616)
[87] (2969616)
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[25] EN
[54] **A DEVICE FOR PERFORMING TWO-STAGE NUCLEIC ACID AMPLIFICATION**
[54] **APPAREIL ET METHODE D'AMPLIFICATION D'ACIDE NUCLEIQUE EN DEUX ETAPES**
[72] RIRIE, KIRK M., US
[72] RASMUSSEN, RANDY P., US
[72] PORITZ, MARK AARON, US
[72] SMITH, STEWART BENJAMIN, US
[72] NEWSWANDER, MICHAEL R., US
[72] JONES, DAVID E., US
[72] KESSLER, GARY CLARK, US
[73] BIOFIRE DIAGNOSTICS, LLC, US
[86] (2970005)
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[25] EN
[54] **IMAGE PROCESSING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT D'IMAGE**
[72] SATO, KAZUSHI, JP
[73] SONY CORPORATION, JP
[86] (2970080)
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[22] 2010-08-18
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[25] EN
[54] **DEDICATED WIREWAYS FOR COLLAR-MOUNTED BOBBIN ANTENNAS**
[54] **GOULOTTES DEDIEES POUR ANTENNES A BOBINE MONTEES SUR COLLIER**
[72] KOROVIN, ALEXEI, US
[72] RASHID, KAZI, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **OPTICAL PROBES FOR CORRIDOR SURGERY**
[54] **SONDES OPTIQUES POUR CHIRURGIE DE COULOIR**
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] PIRON, CAMERON ANTHONY, CA
[73] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-07-06
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[51] **Int.Cl. H04N 19/51 (2014.01)**
[25] EN
[54] **IMAGE PREDICTIVE ENCODING DEVICE, IMAGE PREDICTIVE ENCODING METHOD, IMAGE PREDICTIVE ENCODING PROGRAM, IMAGE PREDICTIVE DECODING DEVICE, IMAGE PREDICTIVE DECODING METHOD, AND IMAGE PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF, PROCEDE ET PROGRAMME DE CODAGE PREDICTIF D'IMAGES, ET DISPOSITIF, PROCEDE ET PROGRAMME DE DECODAGE PREDICTIF D'IMAGES**
[72] SUZUKI, YOSHINORI, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
[86] (2973344)
[87] (2973344)
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[30] JP (2010-226472) 2010-10-06

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[51] **Int.Cl. F16K 5/06 (2006.01) F16K 5/10 (2006.01) F16K 47/04 (2006.01)**
[25] EN
[54] **MULTI-PORT BALL VALVE WITH INDUCED FLOW IN BALL-BODY CAVITY**
[54] **ROBINET A BILLE MULTIVOIES A ECOULEMENT INDUIT DANS CAVITE DE CORPS A BILLE**
[72] KINDERSLEY, PETER GEOFFREY, US
[72] ZEDICK, KYLE PHILIP, US
[73] VELAN INC., CA
[85] 2017-07-14
[86] 2016-02-10 (PCT/IB2016/000113)
[87] (WO2016/132198)
[30] US (62/117,508) 2015-02-18

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 16/28 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **RANDOM-ACCESS RESPONSE WITH ANALOG BEAMFORMING**
[54] **REPONSE D'ACCES ALEATOIRE AVEC UNE FORMATION DE FAISCEAU ANALOGIQUE**
[72] FURUSKOG, JOHAN, SE
[72] SAHLIN, HENRIK, SE
[72] BERGSTROM, ANDREAS, SE
[72] ANDERSSON, HAKAN, SE
[72] WIBERG, NICLAS, SE
[72] ZHANG, QIANG, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-07-14
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[30] US (62/109,897) 2015-01-30
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[25] EN
[54] **USE OF A POLYSACCHARIDE TO ASSIST FINES CAPTURE IN OIL SAND TAILINGS**
[54] **UTILISATION DE POLYSACCHARIDE POUR AIDER A LA CAPTURE DE RESIDUS FINS DANS LES RESIDUS DE SABLES BITUMINEUX**
[72] SAKUHUNI, GIVEMORE, CA
[72] BARTLETT, BRUCE K., CA
[72] RENNARD, DAVID C., CA
[72] ZAHABI, ATOOSA, CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[86] (2974554)
[87] (2974554)
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[51] **Int.Cl. F16L 55/38 (2006.01) G01M 99/00 (2011.01) F17D 5/00 (2006.01)**
[25] EN
[54] **SPEED CONTROL DRIVE SECTION WITH FAILSAFE VALVE**
[54] **SECTION DE COMMANDE DE REGULATION DE VITESSE AVEC SOUPAPE A SECURITE INTEGREE**
[72] LUDLOW, JED, US
[72] GLASS, KEITH, CA
[72] WARKENTIN, JONATHAN, CA
[72] LAURSEN, PAUL, CA
[73] TDW DELAWARE, INC., US
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[25] EN
[54] **FUEL AND PROPELLANT COMPOSITION FOR COMBUSTION TOOLS**
[54] **COMBUSTIBLE ET COMPOSITION DE PROPULSEUR POUR OUTILS A COMBUSTION**
[72] VANSTAAN, VALERY H., US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2017-07-27
[86] 2015-12-22 (PCT/US2015/067323)
[87] (WO2016/137571)
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[51] **Int.Cl. G07C 9/22 (2020.01) G06K 9/18 (2006.01)**
[25] EN
[54] **GESTURE ENCRYPTED ACESSS SYSTEM BASED ON MULTIDIMENSIONAL CODE**
[54] **SYSTEME D'ACCES PAR GESTE CHIFFRE FONDE SUR UN CODE MULTIDIMENSIONNEL**
[72] HUANG, YING, US
[72] SHENG, ZHAOCHENG, US
[72] CHEN, CHEN, US
[73] HONEYWELL INTERNATIONAL INC., US
[86] (2976193)
[87] (2976193)
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[25] EN
[54] **REACTIVE ADDITIVE MANUFACTURING**
[54] **FABRICATION D'ADDITIF REACTIF**
[72] NUECHTERLEIN, JACOB S., US
[72] ITEN, JEREMY JOSEPH, US
[73] ELEMENTUM 3D, INC., US
[85] 2017-08-18
[86] 2016-03-16 (PCT/US2016/022540)
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[25] EN
[54] **TOILET SEAT**
[54] **SIEGE DE TOILETTE**
[72] WATSCHINGER, KARL, AT
[72] MAYR, PETER, AT
[73] WATSCHINGER, KARL, AT
[73] MAYR, PETER, AT
[85] 2017-08-25
[86] 2016-02-25 (PCT/AT2016/000017)
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[25] EN
[54] **APPARATUS FOR IMAGING SKIN**
[54] **APPAREIL POUR L'IMAGERIE DE LA PEAU**
[72] KHOSRAVI SIMCHI, SEPIDEH, CA
[72] SADEGHI, MARYAM, CA
[72] RAZMARA, MAJID, CA
[72] ATKINS, M. STELLA, CA
[73] METAOPTIMA TECHNOLOGY INC., CA
[85] 2017-08-25
[86] 2016-06-23 (PCT/CA2016/050743)
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[54] **LIGHT BULB**
[54] **LAMPE**
[72] DULLEY, IAIN, GB
[72] MINALE, MASSIMO, GB
[73] BUSTER AND PUNCH LIMITED, GB
[85] 2017-08-28
[86] 2016-02-25 (PCT/GB2016/050487)
[87] (WO2016/139454)
[30] GB (1503487.9) 2015-03-02
[30] GB (1518036.7) 2015-10-12

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[51] **Int.Cl. B65D 47/12 (2006.01) B65D 41/04 (2006.01) B65D 51/18 (2006.01) B65D 75/58 (2006.01)**
[25] EN
[54] **PACKAGING CLOSURE ADAPTER**
[54] **ADAPTATEUR DE FERMETURE D'EMBALLAGE**
[72] BUGENSKE, STEVEN JAMES, US
[72] EGLE, MARK J., US
[72] SINCHOK, JOHN, US
[73] SPECIALTY LUBRICANTS CORP., US
[85] 2017-09-01
[86] 2016-03-04 (PCT/US2016/020941)
[87] (WO2016/141311)
[30] US (62/128,124) 2015-03-04
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[25] EN
[54] **PROGRAM STORAGE, RETRIEVAL AND MANAGEMENT BASED ON SEGMENTATION MESSAGES**
[54] **STOCKAGE, EXTRACTION ET GESTION UTILISANT DES MESSAGES DE SEGMENTATION**
[72] CARLUCCI, JOHN B., US
[72] WILLIAMSON, LOUIS D., US
[72] CALLAHAN, JOHN W., US
[72] URDANG, ERIK G., US
[72] KIMBLE, DAVID M., US
[72] GONDER, THOMAS L., US
[72] BUEHL, JOSEPH, US
[73] TIME WARNER CABLE ENTERPRISES LLC, US
[86] (2979706)
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[25] EN
[54] **STABILIZER DEVICES FOR DRILLING TOOL HOUSING**
[54] **DISPOSITIFS STABILISATEURS POUR CARTER D'OUTIL DE FORAGE**
[72] SAVAGE, JOHN KEITH, CA
[72] BELL, STEVEN GRAHAM, CA
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-09-18
[86] 2015-04-23 (PCT/US2015/027342)
[87] (WO2016/171702)

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[51] **Int.Cl. E03C 1/044 (2006.01) E03C 1/04 (2006.01)**
[25] EN
[54] **TEMPERATURE LIMITING FAUCET**
[54] **ROBINET A LIMITATION DE TEMPERATURE**
[72] MAIN, BRIAN DAVID, CA
[72] FISHER, BRYAN TODD, CA
[72] MCLENNAN, PAUL, CA
[72] STAUDER, FRANK, CA
[73] MASCO CANADA LIMITED, CA
[86] (2981666)
[87] (2981666)
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 47/68 (2017.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 5/16 (2006.01) C12N 15/13 (2006.01) C12P 21/08 (2006.01) G01N 33/574 (2006.01) G01N 33/577 (2006.01)**
[25] EN
[54] **NOVEL ANTIBODIES INHIBITING C-MET DIMERIZATION, AND USES THEREOF**
[54] **NOUVEAUX ANTICORPS INHIBANT LA DIMERISATION DE C-MET ET UTILISATIONS DE CEUX-CI**
[72] GOETSCH, LILIANE, FR
[73] PIERRE FABRE MEDICAMENT, FR
[86] (2981821)
[87] (2981821)
[22] 2008-07-10
[62] 2,694,418
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[51] **Int.Cl. G16Z 99/00 (2019.01) G06Q 50/02 (2012.01) G06F 17/18 (2006.01)**
[25] EN
[54] **YIELD DATA CALIBRATION METHODS**
[54] **PROCEDE D'ETALONNAGE DE DONNEES DE PRODUCTION**
[72] DUKE, GUY DION, CA
[72] GRANT, KEVIN JOHN, CA
[73] FARMERS EDGE INC., CA
[85] 2017-10-06
[86] 2016-04-20 (PCT/CA2016/050453)
[87] (WO2016/168928)
[30] US (62/150,766) 2015-04-21

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[51] **Int.Cl. C07D 473/32 (2006.01) A61K 31/52 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 401/12 (2006.01) C07D 473/28 (2006.01) C07D 473/36 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **PREPARATION AND USE OF KINASE INHIBITOR**
[54] **PREPARATION ET UTILISATION D'UN INHIBITEUR DE KINASE**
[72] CAO, WENJIE, CN
[72] CHENG, PENG, CN
[73] CHANGZHOU LONGTHERA PHARMACEUTICALS INC, CN
[85] 2017-10-16
[86] 2016-04-15 (PCT/CN2016/079495)
[87] (WO2016/165657)
[30] CN (201510186101.7) 2015-04-17

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[51] **Int.Cl. G02B 26/08 (2006.01) G02B 26/10 (2006.01)**
[25] EN
[54] **A BEAM DIRECTOR**
[54] **DISPOSITIF D'ORIENTATION D'UN FAISCEAU**
[72] BIBAS, CHARLES, US
[72] ZHOU, NIANQING, US
[72] HUGO, DEON, ZA
[73] BIBAS, CHARLES, US
[85] 2017-10-17
[86] 2016-06-13 (PCT/US2016/037131)
[87] (WO2017/052702)
[30] US (62/175,402) 2015-06-14
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[13] C
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/20 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR POS ENABLED INSTALLMENTS WITH ELIGIBILITY CHECK REQUIREMENTS**
[54] **PROCEDE ET SYSTEME DE VERSEMENTS ECHELONNES AUTORISES DE POINT DE VENTE AVEC EXIGENCES DE VERIFICATION D'ADMISSION**
[72] GEORGE, SAGITHA, GB
[72] SUDHAKAR, VIJILA, US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/029975)
[87] (WO2016/176535)
[30] US (62/154,348) 2015-04-29
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[13] C
[51] **Int.Cl. B21D 26/053 (2011.01) B21D 26/049 (2011.01)**
[25] EN
[54] **HIGH-SPEED BLOW FORMING PROCESS TO SHAPE ALUMINUM CONTAINERS USING 3XXX ALLOYS WITH HIGH RECYCLED CONTENT**
[54] **PROCEDE DE FORMAGE PAR SOUFFLAGE A GRANDE VITESSE POUR METTRE EN FORME DES RECIPIENTS EN ALUMINIUM EN UTILISANT DES ALLIAGES 3XXX AVEC UNE TENEUR ELEVEE EN PRODUIT RECYCLE**
[72] CUTTER, CHRISTOPHER, US
[72] LEHMAN, ROBERT, US
[72] MALLORY, ROBERT WILLIAM, US
[72] GO, JOHNSON, US
[73] NOVELIS INC., US
[85] 2017-11-03
[86] 2016-05-26 (PCT/US2016/034214)
[87] (WO2016/191513)
[30] US (62/166,212) 2015-05-26

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[51] **Int.Cl. G01V 99/00 (2009.01) A01B 79/00 (2006.01) G01N 33/24 (2006.01)**
[25] EN
[54] **WORK LAYER IMAGING AND ANALYSIS FOR IMPLEMENT MONITORING, CONTROL AND OPERATOR FEEDBACK**
[54] **IMAGERIE ET ANALYSE DE COUCHE DE TRAVAIL POUR SURVEILLANCE D'OUTIL, COMMANDE ET RETOUR D'INFORMATIONS A L'OPERATEUR**
[72] STRNAD, MICHAEL, US
[72] KOCH, ROGER, US
[72] KOCH, DALE, US
[73] THE CLIMATE CORPORATION, US
[85] 2017-11-07
[86] 2016-05-06 (PCT/US2016/031201)
[87] (WO2016/182906)
[30] US (62/159,058) 2015-05-08

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[51] **Int.Cl. B64F 1/02 (2006.01) E01C 9/00 (2006.01)**
[25] EN
[54] **SUSPENDED LAYERED ENERGY ABSORBING MATERIAL FOR VEHICLE ARRESTING SYSTEMS**
[54] **MATERIAU D'ABSORPTION D'ENERGIE EN COUCHES SUSPENDUES POUR SYSTEMES D'ARRET DE VEHICULE**
[72] DOHERTY, SHAWN P., US
[72] FLYNN, NICHOLAS M., US
[72] SHI, YIJIAN, US
[72] MA, SARAH, US
[72] ZOU, HONG, US
[73] RUN WAY SAFE IPR AB, SE
[85] 2017-11-07
[86] 2016-05-18 (PCT/US2016/033037)
[87] (WO2016/187276)
[30] US (62/163,180) 2015-05-18

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[51] **Int.Cl. G06Q 20/00 (2012.01)**
[25] EN
[54] **NETWORK PAYMENT METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE PAIEMENT EN RESEAU**
[72] ZHANG, YI, CN
[73] 10353744 CANADA LTD., CA
[85] 2017-11-10
[86] 2014-05-12 (PCT/CN2014/077209)
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[51] **Int.Cl. C07D 403/04 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOUNDS TARGETING PROTEINS, COMPOSITIONS, METHODS, AND USES THEREOF**
[54] **PROTEINES DE CIBLAGE DE COMPOSES, COMPOSITIONS, METHODES, ET LEURS UTILISATIONS**
[72] CHAN, KYLE W.H., US
[72] FUNG, LEAH, US
[72] SULLIVAN, ROBERT, US
[72] ERDMAN, PAUL E., US
[72] MERCURIO, FRANK, US
[73] BIOTHERYX, INC., US
[85] 2017-11-15
[86] 2016-05-18 (PCT/US2016/033133)
[87] (WO2016/191178)
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[51] **Int.Cl. G06F 21/62 (2013.01)**
[25] EN
[54] **DATA RECORDING METHOD, DEVICE AND SYSTEM, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME D'ENREGISTREMENT DE DONNEES, ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] ZHANG, YI, CN
[73] 10353744 CANADA LTD., CA
[85] 2017-11-22
[86] 2015-04-30 (PCT/CN2015/078141)
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[51] **Int.Cl. G02B 27/01 (2006.01)**
[25] EN
[54] **PROJECTION ARRANGEMENT FOR A CONTACT ANALOG HEAD-UP DISPLAY (HUD)**
[54] **ARRANGEMENT DE PROJECTION DESTINE A UN AFFICHAGE TETE HAUTE A CONTACT ANALOGIQUE**
[72] KREMERS, STEPHAN, DE
[72] ARNDT, MARTIN, DE
[72] GOSSEN, STEFAN, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-12-04
[86] 2016-06-10 (PCT/EP2016/063406)
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[30] EP (15171628.9) 2015-06-11

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[51] **Int.Cl. H04L 29/12 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **PACKET PROCESSING METHOD IN CLOUD COMPUTING SYSTEM, HOST, AND SYSTEM**
[54] **METHODE DE TRAITEMENT PAR PAQUET DANS UN SYSTEME INFORMATIQUE NUAGIQUE, HOTE ET SYSTEME**
[72] YU, ZHOU, CN
[72] ZHANG, LEIQIANG, CN
[72] ZHUANG, YUXIN, CN
[72] LUO, HAO, CN
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2018-01-08
[86] 2016-11-09 (PCT/CN2016/105227)
[87] (WO2018/086013)

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[51] **Int.Cl. H04W 4/42 (2018.01) H04W 4/12 (2009.01) H04W 4/20 (2018.01) B61L 17/02 (2006.01) B61L 25/02 (2006.01) B61L 27/00 (2006.01)**
[25] EN
[54] **MONITORING AND CONTROLLING OF DISTRIBUTED MACHINES**
[54] **SURVEILLANCE ET COMMANDE DE MACHINES REPARTIES**
[72] FERENCZ, DONALD CYRIL, JR., US
[72] HOSTELLEY, KEVIN DAVID, US
[72] CONRAD, JUSTIN WESLEY, US
[73] CATTRON NORTH AMERICA, INC., US
[85] 2018-01-03
[86] 2016-06-29 (PCT/US2016/040133)
[87] (WO2017/004229)
[30] US (62/187,007) 2015-06-30

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[13] C
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 5/00 (2006.01) A61F 2/30 (2006.01) A61F 2/40 (2006.01)**
[25] EN
[54] **SENSOR-BASED SHOULDER SYSTEM AND METHOD**
[54] **PROCEDE ET SYSTEME A BASE DE CAPTEUR POUR EPAULE**
[72] BRITTON, ORSA, US
[72] VAN KAMPEN, WILLIAM, US
[72] NOLAN, DAVID A., US
[73] ZIMMER, INC., US
[85] 2018-01-05
[86] 2016-07-07 (PCT/US2016/041326)
[87] (WO2017/007929)
[30] US (62/190,054) 2015-07-08

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[13] C
[51] **Int.Cl. E21B 47/008 (2012.01) E21B 43/12 (2006.01) F04B 47/06 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **DOWNHOLE LINEAR MOTOR AND PUMP SENSOR DATA SYSTEM**
[54] **SYSTEME DE DONNEES DE CAPTEUR DE MOTEUR LINEAIRE ET DE POMPE DE FOND DE TROU**
[72] BELL, FRANK, US
[72] CARDAMONE, DAVID P., US
[72] SINGH, INDERJIT, US
[72] SANTACESARIA, MARK, US
[72] HALLORAN, DANIEL J., US
[72] ROBERTS, JONATHAN, US
[73] MOOG INC., US
[85] 2018-01-08
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[87] (WO2017/007656)
[30] US (62/189,957) 2015-07-08

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[25] EN
[54] **ETHYLENE-BASED POLYMER COMPOSITIONS, METHODS OF MAKING THE SAME, AND ARTICLES PREPARED FROM THE SAME**
[54] **COMPOSITIONS DE POLYMERES A BASE D'ETHYLENE, LEURS PROCEDES DE FABRICATION, ET ARTICLES PREPARES A PARTIR DE CELLES-CI**
[72] KAPUR, MRIDULA, US
[72] JORGENSEN, ROBERT JAMES, US
[72] WAGNER, BURKHARD, US
[72] MICHIE, WILLIAM J., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. B21D 19/08 (2006.01)**
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[54] **HOLE WIDENING METHOD, FORMING TOOL, AND FORMED PRODUCT**
[54] **PROCEDE D'USINAGE D'ELARGISSEMENT DE TROU, OUTIL DE MOULAGE ET PROCEDE DE MOULAGE ET D'USINAGE**
[72] NITTA, JUN, JP
[72] YONEMURA, SHIGERU, JP
[72] SHIRAKAMI, SATOSHI, JP
[72] YASUTOMI, TAKASHI, JP
[73] NIPPON STEEL CORPORATION, JP
[85] 2018-02-01
[86] 2016-09-02 (PCT/JP2016/075802)
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[30] JP (2015-173669) 2015-09-03
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[51] **Int.Cl. G01N 21/31 (2006.01) G01N 21/03 (2006.01) G01N 21/05 (2006.01)**
[25] EN
[54] **LEACHING SYSTEM WHICH ENHANCES MONITORING OF SPECIES IN A FLUID**
[54] **SYSTEME DE LIXIVIATION QUI AMELIORE LA SURVEILLANCE D'ESPECES DANS UN FLUIDE**
[72] EARLEY, DRUMMOND, US
[73] WSP GLOBAL INC., CA
[85] 2018-02-07
[86] 2015-08-06 (PCT/US2015/043914)
[87] (WO2016/022746)
[30] US (62/035,205) 2014-08-08

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[25] EN
[54] **POWDER COATING AND METHOD FOR PREPARING A POWDER COATING**
[54] **REVETEMENT DE POUDRE ET METHODE DE PREPARATION D'UN REVETEMENT DE POUDRE**
[72] LUTZ, CHRISTIAN, AT
[72] HERZHOFF, CARSTEN, AT
[73] TIGER COATINGS GMBH & CO. KG, AT
[85] 2018-03-19
[86] 2016-09-16 (PCT/EP2016/071919)
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[51] **Int.Cl. C02F 1/56 (2006.01) C02F 1/52 (2006.01)**
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[54] **TREATMENT OF MATURE FINE TAILINGS IN PRODUCED WATER BY FLOCCULATION AND DEWATERING**
[54] **TRAITEMENT DE RESIDUS FINS MATURES DANS L'EAU PRODUITE PAR FLOCULATION ET DESHYDRATATION**
[72] TOMLA, CHRISTABEL, US
[72] KUZNETSOV, OLEKSANDR V., US
[72] SURESH, RADHIKA, US
[72] SILVEIRA, SCOTT J., US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **LIQUID TO LIQUID BIOLOGICAL PARTICLE CONCENTRATOR WITH DISPOSABLE FLUID PATH**
[54] **CONCENTRATEUR DE PARTICULES BIOLOGIQUES LIQUIDE A LIQUIDE A TRAJET DE FLUIDE JETABLE**
[72] PAGE, ANDREW EDWARD, US
[72] PACKINGHAM, ZACHARY A., US
[72] ALBURTY, DAVID SCOTT, US
[72] ADOLPHSON, ALEC D., US
[73] INNOVAPREP LLC, US
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[54] **HYDROXYALKYL THIADIAZOLE DERIVATIVES**
[54] **DERIVES D'HYDROXYALKYLTHIADIAZOLE**
[72] KHERA, MANOJ KUMAR, JP
[72] MATHUR, TARUN, JP
[72] SATTIGERI, JITENDRA A., JP
[72] MASUDA, NOBUHISA, JP
[72] SONEDA, TSUYOSHI, JP
[72] KAGOSHIMA, YOSHIKO, JP
[72] KONOSU, TOSHIYUKI, JP
[72] SUZUKI, TETSUYA, JP
[72] YAMAOKA, MAKOTO, JP
[72] ITOOKA, RYO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2018-03-26
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[54] **FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM**
[54] **SYSTEME DE PILES A COMBUSTIBLE ET SON PROCEDE DE COMMANDE**
[72] TAKEDA, HIROSHI, JP
[72] SATO, MASASHI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-04-06
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[25] EN
[54] **ENA NUCLEIC ACID PHARMACEUTICALS CAPABLE OF MODIFYING SPLICING OF MRNA PRECURSORS**
[54] **PRODUITS PHARMACEUTIQUES A BASE D'ACIDE NUCLEIQUE ENA CAPABLES DE MODIFIER L'EPISSAGE DE PRECURSEURS D'ARNM**
[72] MATSUO, MASAFUMI, JP
[72] TAKESHIMA, YASUHIRO, JP
[72] KOIZUMI, MAKOTO, JP
[73] MATSUO, MASAFUMI, JP
[73] TAKESHIMA, YASUHIRO, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[73] ORPHAN DISEASE TREATMENT INSTITUTE CO., LTD., JP
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[25] EN
[54] **AIRCRAFT BEACON OF A WIND TURBINE**
[54] **BALISAGE AERIEN D'UNE EOLIENNE**
[72] HARMS, STEPHAN, DE
[72] STURENBURG, ERICH, DE
[72] REITER, DANIEL, DE
[72] KOCKLAR, MATTHIAS, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2018-04-10
[86] 2016-11-07 (PCT/EP2016/076796)
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[25] EN
[54] **RARE EARTH-CONTAINING COMPOUNDS TO ENHANCE PERFORMANCE OF DOWNHOLE TREATMENT COMPOSITIONS**
[54] **COMPOSES CONTENANT DES TERRES RARES POUR AMELIORER LES PERFORMANCES DE COMPOSITIONS DE TRAITEMENT DE FOND DE PUITS**
[72] BRYANT, SHANNON E., US
[72] BHADURI, SUMIT, US
[72] MONROE, TERRY D., US
[73] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2018-04-12
[86] 2016-10-14 (PCT/US2016/057056)
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[51] **Int.Cl. E03C 1/00 (2006.01) E03C 1/02 (2006.01) E03C 1/042 (2006.01)**
[25] EN
[54] **FAUCET INCLUDING AN OPEN WATERWAY**
[54] **ROBINET COMPRENANT UNE VOIE D'EAU OUVERTE**
[72] EADS, THAD J., US
[72] ROSKO, MICHAEL SCOT, US
[72] DAVIDSON, KYLE ROBERT, US
[72] HAYES, GERALD R., US
[73] DELTA FAUCET COMPANY, US
[85] 2018-04-12
[86] 2016-10-19 (PCT/US2016/057742)
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[51] **Int.Cl. A61F 2/30 (2006.01) A61B 17/17 (2006.01) A61B 17/70 (2006.01) A61F 2/46 (2006.01)**
[25] EN
[54] **SACROILIAC JOINT FIXATION FUSION SYSTEM**
[54] **SYSTEME DE FUSION DE FIXATION D'ARTICULATION SACRO-ILIAQUE**
[72] DONNER, EDWARD JEFFREY, US
[73] JCBD, LLC, US
[86] (3002234)
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[22] 2011-01-13
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[25] EN
[54] **FAUCET ILLUMINATION DEVICE**
[54] **DISPOSITIF D'ILLUMINATION DE ROBINET**
[72] ROSKO, MICHAEL SCOT, US
[72] SAWASKI, JOEL D., US
[73] DELTA FAUCET COMPANY, US
[86] (3002839)
[87] (3002839)
[22] 2018-04-25
[30] US (62/490,008) 2017-04-25

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[13] C
[51] **Int.Cl. B31D 5/00 (2017.01) B65H 23/06 (2006.01)**
[25] EN
[54] **LOW COST MANUAL EXPANDING-DUNNAGE CONVERSION APPARATUS**
[54] **APPAREIL MANUEL DE CONVERSION DE FARDAGE A EXTENSION DE FAIBLE COUT**
[72] CHEICH, ROBERT C., US
[72] WAGNER, DENNIS J., US
[73] RANPAK CORP., US
[85] 2018-04-27
[86] 2016-08-16 (PCT/US2016/047139)
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[25] EN
[54] **METHODS FOR TREATMENT OF BILE ACID-RELATED DISORDERS**
[54] **METHODES DE TRAITEMENT DE TROUBLES ASSOCIES AUX ACIDES BILIAIRES**
[72] LING, LEI, US
[72] LUO, JIAN, US
[72] TIAN, HUI, US
[73] NGM BIOPHARMACEUTICALS, INC., US
[85] 2018-04-27
[86] 2016-11-08 (PCT/US2016/060944)
[87] (WO2017/083276)
[30] US (62/252,939) 2015-11-09

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[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS DE REGULATION DES PLANTES ET LEURS UTILISATIONS**
[72] FLASINSKI, STANISLAW, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (3004022)
[87] (3004022)
[22] 2012-03-21
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[25] EN
[54] **PLANT REGULATORY ELEMENTS AND USES THEREOF**
[54] **ELEMENTS DE REGULATION DES PLANTES ET LEURS UTILISATIONS**
[72] FLASINSKI, STANISLAW, US
[73] MONSANTO TECHNOLOGY LLC, US
[86] (3004030)
[87] (3004030)
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[25] EN
[54] **MODIFIED BIOPOLYMERS FOR DIVERSION, CONFORMANCE, AND FLUID LOSS CONTROL**
[54] **BIOPOLYMERES MODIFIES A DES FINS DE DEVIATION, DE CONFORMITE ET DE REGULATION DES PERTES DE FLUIDE**
[72] BELAKSHE, RAVIKANT S., IN
[72] MEHER, PRATIKSHA SHIVAJI, IN
[72] EOFF, LARRY STEVEN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2015-12-18 (PCT/US2015/066565)
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[54] **METHOD AND SYSTEM FOR USE OF A BLOCKCHAIN IN A TRANSACTION PROCESSING NETWORK**
[54] **PROCEDE ET SYSTEME D'UTILISATION D'UNE CHAINE DE BLOCS DANS UN RESEAU DE TRAITEMENT DE TRANSACTIONS**
[72] KENNEDY, DENNIS M., US
[73] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2018-05-04
[86] 2016-11-02 (PCT/US2016/060012)
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[51] **Int.Cl. A01D 34/69 (2006.01)**
[25] EN
[54] **SPEED CONTROL ASSEMBLY FOR A SELF-PROPELLED WALK-BEHIND LAWN MOWER**
[54] **ENSEMBLE DE COMMANDE DE VITESSE POUR UNE TONDEUSE A GAZON DERRIERE LAQUELLE ON MARCHE AUTO-PROPULSEE**
[72] HELIN, PHILIP, US
[72] BAEHR, RICK, US
[73] MTD PRODUCTS INC., US
[86] (3004717)
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[51] **Int.Cl. G10L 21/0216 (2013.01) G10L 21/02 (2013.01)**
[25] EN
[54] **GLOBALLY OPTIMIZED LEAST-SQUARES POST-FILTERING FOR SPEECH ENHANCEMENT**
[54] **POST-FILTRAGE EN MOINDRES CARRES GLOBALEMENT OPTIMISE POUR AMELIORATION VOCALE**
[72] HUANG, YITENG, US
[72] LUEBS, ALEJANDRO, US
[72] SKOGLUND, JAN, US
[72] KLEIJN, WILLEM BASTIAAN, US
[73] GOOGLE LLC, US
[85] 2018-05-15
[86] 2017-02-02 (PCT/US2017/016187)
[87] (WO2017/136532)
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[51] **Int.Cl. A24B 15/12 (2006.01) A24B 15/24 (2006.01)**
[25] EN
[54] **TOBACCO COMPOSITION**
[54] **COMPOSITION DE TABAC**
[72] IBRAHIM, HASNOL, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2018-05-28
[86] 2016-12-07 (PCT/EP2016/080101)
[87] (WO2017/097840)
[30] GB (1521626.0) 2015-12-08

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[51] **Int.Cl. C08G 63/06 (2006.01) C08L 67/00 (2006.01) C08L 67/04 (2006.01)**
[25] EN
[54] **COPOLYMER, PRODUCTION METHOD THEREOF, AND RESIN COMPOSITION**
[54] **COPOLYMERE, PROCEDE POUR LE PRODUIRE ET COMPOSITION DE RESINE**
[72] OGAWA, RYOHEI, JP
[72] HIGUCHI, CHOJIRO, JP
[72] URAKAMI, TATSUHIRO, JP
[73] MITSUI CHEMICALS, INC., JP
[85] 2018-05-29
[86] 2016-11-30 (PCT/JP2016/085524)
[87] (WO2017/094763)
[30] JP (2015-237343) 2015-12-04

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[51] **Int.Cl. B08B 3/04 (2006.01) E21B 41/00 (2006.01)**
[25] EN
[54] **PURGING SYSTEM FOR DESANDING VESSELS**
[54] **SYSTEME DE VIDANGE SERVANT AUX RECIPIENTS DESSABLEURS**
[72] MCNAUGHTON, BRETT, CA
[72] WILLIAMS, NATHAN, CA
[73] SPECIALIZED DESANDERS INC., CA
[86] (3006790)
[87] (3006790)
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[51] **Int.Cl. A62C 35/68 (2006.01) A62C 37/44 (2006.01)**
[25] EN
[54] **ALARM VALVE STATION FOR A FIRE ALARM SYSTEM**
[54] **STATION A SOUPAPE D'ALARME INCENDIE POUR SYSTEME D'ALARME INCENDIE**
[72] POHL, MATTHIAS, DE
[73] MINIMAX GMBH & CO. KG, DE
[85] 2018-05-31
[86] 2016-11-28 (PCT/EP2016/079032)
[87] (WO2017/114615)
[30] DE (10 2015 226 776.8) 2015-12-29

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[51] **Int.Cl. G02B 27/42 (2006.01)**
[25] EN
[54] **MULTIBEAM ELEMENT-BASED BACKLIGHT AND DISPLAY USING SAME**
[54] **RETROECLAIRAGE FAISANT INTERVENIR UN ELEMENT A FAISCEAUX MULTIPLES ET AFFICHAGE FAISANT APPEL A CELUI-CI**
[72] FATTAL, DAVID A., US
[72] MA, MING, US
[72] LI, XUEJIAN, US
[73] LEIA INC., US
[85] 2018-06-05
[86] 2016-06-08 (PCT/US2016/036495)
[87] (WO2017/131807)
[30] US (62/289,237) 2016-01-30

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[51] **Int.Cl. B08B 9/032 (2006.01)**
[25] EN
[54] **FLOW BALANCING IN FOOD PROCESSOR CLEANING SYSTEM**
[54] **EQUILIBRAGE DE FLUX DANS UN SYSTEME DE NETTOYAGE DE ROBOT DE CUISINE**
[72] SMITH, NATHAN E., US
[72] TUCHRELO, ROBERT, US
[73] IDEA BOXX, LLC, US
[85] 2018-06-05
[86] 2016-12-09 (PCT/US2016/065982)
[87] (WO2017/100681)
[30] US (62/266,243) 2015-12-11

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[51] **Int.Cl. B64C 1/26 (2006.01) B64F 5/10 (2017.01) B64C 1/00 (2006.01)**
[25] EN
[54] **JOINT ASSEMBLY AND METHOD OF ASSEMBLING SAME**
[54] **ENSEMBLE DE JOINT ET PROCEDE D'ASSEMBLAGE DE CELUI-CI**
[72] WALKER, STEVEN PAUL, US
[72] VEIT, JOANNA MARA SERGIANE, US
[72] CAMBRONERO, ISAAC G., JR., US
[72] DAVIS, JAMES DONALD, US
[72] PAGLIARINI, MICHAEL D., US
[73] THE BOEING COMPANY, US
[86] (3007566)
[87] (3007566)
[22] 2014-07-15
[62] 2,856,845
[30] US (14/051926) 2013-10-11

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[13] C
[51] **Int.Cl. H02J 1/12 (2006.01) H02J 7/35 (2006.01) H02J 9/06 (2006.01) H02M 1/10 (2006.01)**
[25] EN
[54] **TRIPLE INPUT SMART POWER SUPPLY (TRISP) FOR DESKTOP PC AND OTHER SYSTEMS USING DC AS FINAL POWER SOURCE**
[54] **ALIMENTATION ELECTRIQUE INTELLIGENTE A ENTREE TRIPLE (TRISP) POUR ORDINATEUR DE BUREAU ET D'AUTRES SYSTEMES UTILISANT LE COURANT CONTINU COMME SOURCE D'ALIMENTATION FINALE**
[72] SABOO, T, IN
[72] PRATHAP, V S, IN
[72] SIBU, M S, IN
[73] INDIAN SPACE RESEARCH ORGANISATION, IN
[85] 2018-06-06
[86] 2017-02-10 (PCT/IB2017/050729)
[87] (WO2017/137932)
[30] IN (201641004989) 2016-02-12

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[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 39/02 (2006.01) C07K 16/18 (2006.01)**
[25] EN
[54] **ANTI-COBRA TOXIN ANTIBODY FRAGMENTS AND METHOD OF PRODUCING A VHH LIBRARY**
[54] **FRAGMENTS D'ANTICORPS DIRIGES CONTRE LA TOXINE DE COBRA ET PROCEDE DE PRODUCTION D'UNE BANQUE DE VHH**
[72] HALL, J. CHRISTOPHER, CA
[72] RICHARD, GABRIELLE, CA
[72] MCLEAN, MICHAEL D., CA
[73] UNIVERSITY OF GUELPH, CA
[86] (3008720)
[87] (3008720)
[22] 2009-12-04
[62] 2,745,473
[30] US (61/120208) 2008-12-05
[30] US (61/145667) 2009-01-19

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[51] **Int.Cl. H01M 8/0202 (2016.01) H01M 8/12 (2016.01)**
[25] EN
[54] **FUEL CELL STACK HAVING A SEPARATOR CONSTITUTED OF AN UNEVEN MEMBER**
[54] **ASSEMBLAGE DE PILES A COMBUSTIBLE COMPRENANT UN SEPARATEUR CONSTITUE D'UN ELEMENT EN FORME DE RELIEF**
[72] YAJIMA, KENTAROU, JP
[72] YANAGISAWA, MASANARI, JP
[73] NISSAN MOTOR CO., LTD., JP
[85] 2018-06-15
[86] 2016-09-30 (PCT/JP2016/079118)
[87] (WO2017/104226)
[30] JP (2015-244453) 2015-12-15

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[54] **SYSTEMES ET METHODES DE CONTROLE ET DE FONCTIONNEMENT D'UNE ARCHITECTURE DE CONTROLEUR DE MOTEUR PARALLELE**
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[54] **PROCEDES ET SYSTEMES D'AGRAFAGE ET DE REPARATION PAR VOIE ENDOVASCULAIRE D'ANOMALIES DANS DES LUMIERES OU DES TISSUS**
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[54] **PROCEDE POUR DIRIGER UN FORET**
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[54] **FORME CRISTALLINE DE N-CYCLOPROPYL-3-FLUORO-4-METHYL-5-[3-[[1-[2-[2-(METHYLAMINO)ETHOXY]PHENYL]CYCLOPROPYL]AMIN0]-2-0X0-1(2H)-PYRAZINYL] BENZAMIDE**
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[54] **PROCEDE D'ALIGNEMENT D'UN OUTIL INTERCHANGEABLE SUPERIEUR ET D'UN OUTIL INTERCHANGEABLE INFERIEUR, ET DISPOSITIF DE TRAITEMENT DE FEUILLES DE PIECE**
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[72] CHABLAT, DAMIEN, FR
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[54] **DISPOSITIF SERVANT A FIXER UN ELEMENT EN FORME DE PLAQUE DANS UNE RAINURE DE RECEPTION D'UN RAIL DE SUPPORT**
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[51] **Int.Cl. B22D 11/108 (2006.01)**
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[54] **METHOD OF PRODUCING EXOTHERMIC MOLD POWDER IN FORM OF SPRAYED GRANULES**
[54] **PROCEDE DE PRODUCTION D'UNE POUDRE DE COULEE EXOTHERMIQUE GRANULEE PAR ATOMISATION**
[72] NAKATANI, ERIKA, JP
[72] IWAMOTO, YUKIMASA, JP
[73] SHINAGAWA REFRACTORIES CO., LTD., JP
[85] 2019-01-30
[86] 2018-03-19 (PCT/JP2018/010797)
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[51] **Int.Cl. C10L 5/40 (2006.01) B09B 3/00 (2006.01) C10B 53/07 (2006.01)**
[25] EN
[54] **CARBONIZED FUEL MANUFACTURING APPARATUS AND CARBONIZED FUEL MANUFACTURING METHOD**
[54] **APPAREIL DE PRODUCTION DE COMBUSTIBLE CARBONISE ET PROCEDE DE PRODUCTION DE COMBUSTIBLE CARBONISE**
[72] JAMES, KOWALCZYK, US
[72] FRED L., JONES, US
[72] MATSUSHITA, TAKAMICHI, JP
[73] ECO RESEARCH INSTITUTE LTD., JP
[73] ECO BIO PLASTICS MIDLAND INC., US
[85] 2019-02-04
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[25] EN
[54] **APPARATUS AND METHOD FOR INDUCTIVELY POWERING AND NETWORKING A RAIL OF A FIREARM**
[54] **APPAREIL ET PROCEDE POUR ACTIONNER DE MANIERE INDUCTIVE ET MAILLER DE MANIERE INDUCTIVE UN RAIL D'ARME A FEU**
[72] COMPTON, DAVID, CA
[72] CROCKER, GARY E., CA
[73] COLT CANADA IP HOLDING PARTNERSHIP, CA
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[87] (3037405)
[22] 2012-02-14
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[25] EN
[54] **DISCONTINUOUS RECEPTION IN A WIRELESS DEVICE AND WIRELESS NETWORK**
[54] **RECEPTION DISCONTINUE DANS UN DISPOSITIF SANS FIL, ET RESEAU SANS FIL**
[72] DINAN, ESMAEL, US
[72] BABAEI, ALIREZA, US
[73] OFINNO, LLC, US
[85] 2019-03-22
[86] 2017-09-25 (PCT/US2017/053293)
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[25] EN
[54] **RECOMBINANT POLYPEPTIDE-ENRICHED CHLOROPLASTS OR ACCUMULATED LIPID PARTICLES AND METHODS FOR PRODUCING THE SAME IN ALGAE**
[54] **CHLOROPLASTE OU PARTICULE LIPIDIQUE ACCUMULEE ENRICHI(E) EN UN POLYPEPTIDE DE FUSION DE PROTEINE DE CORPS HUILEUX ET SON PROCEDE DE PRODUCTION DANS DES ALGUES**
[72] ALCANTARA, JOENEL, CA
[73] ALCANTARA RESEARCH GROUP INC., CA
[85] 2019-03-28
[86] 2017-10-03 (PCT/CA2017/051172)
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[25] EN
[54] **DEVICE AND METHOD FOR APPLYING A CARBON LAYER**
[54] **DISPOSITIF ET PROCEDE D'APPLICATION D'UNE COUCHE DE CARBONE**
[72] STEINMULLER-NETHL, DORIS, AT
[72] STEINMULLER, DETLEF, AT
[73] CARBONCOMPETENCE GMBH, AT
[85] 2019-03-29
[86] 2017-10-04 (PCT/AT2017/060248)
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[54] **FAST COMPUTATION OF A CONVOLUTIONAL NEURAL NETWORK**
[54] **CALCUL RAPIDE D'UN RESEAU NEURONAL CONVOLUTIF**
[72] LIU, YONGCHAO, CN
[72] HUANG, QIYIN, CN
[72] PAN, GUOZHEN, CN
[72] LI, SIZHONG, CN
[72] XU, JIANGUO, CN
[72] ZHANG, HAITAO, CN
[72] WANG, LIN, CN
[73] ALIBABA GROUP HOLDING LIMITED, KY
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[86] 2018-10-24 (PCT/CN2018/111655)
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[51] **Int.Cl. G06T 15/20 (2011.01) H04N 13/00 (2018.01)**
[25] EN
[54] **IMAGE PROCESSING APPARATUS, IMAGE PROCESSING SYSTEM, IMAGE PROCESSING METHOD, AND STORAGE MEDIUM, FOR GENERATING VIRTUAL VIEWPOINT IMAGE**
[54] **APPAREIL DE TRAITEMENT D'IMAGE, SYSTEME DE TRAITEMENT D'IMAGE, METHODE DE TRAITEMENT D'IMAGE ET SUPPORT DE STOCKAGE POUR GENERER UNE IMAGE DE POINT DE VUE VIRTUEL**
[72] TAKAMA, YASUFUMI, JP
[73] CANON KABUSHIKI KAISHA, JP
[85] 2019-04-26
[86] 2017-10-20 (PCT/JP2017/037978)
[87] (WO2018/079430)
[30] JP (2016-211905) 2016-10-28

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[25] EN
[54] **MOISTURE-ERASABLE NOTE TAKING SYSTEM**
[54] **SYSTEME DE PRISE DE NOTES EFFACABLE PAR APPORT D'HUMIDITE**
[72] LEMAY, JOSEPH, US
[72] EPSTEIN, JACOB, US
[73] ROCKET INNOVATIONS, INC., US
[85] 2019-05-09
[86] 2017-11-13 (PCT/US2017/061359)
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[30] US (62/421,335) 2016-11-13

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[13] C
[51] **Int.Cl. H02P 9/10 (2006.01) H02J 3/16 (2006.01)**
[25] EN
[54] **A NOVEL REACTIVE POWER OVEREXCITATION REGULATION TECHNOLOGY FOR SYNCHRONOUS GENERATOR**
[54] **NOUVELLE TECHNOLOGIE DE REGULATION DE SUREXCITATION DE PUISSANCE REACTIVE POUR GENERATEUR SYNCHRONE**
[72] WU, LONG, CN
[72] LIU, WEIQUN, CN
[72] SHI, XIANGJIAN, CN
[73] NR ELECTRIC CO., LTD, CN
[73] NR ENGINEERING CO., LTD, CN
[85] 2019-06-14
[86] 2018-04-23 (PCT/CN2018/084026)
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[25] EN
[54] **METHOD AND SYSTEM OF CROWD-SOURCED HEADING CORRECTIONS**
[54] **METHODE ET SYSTEME DE CORRECTION D'ENTETE OBTENU PAR EXTERNALISATION OUVERTE**
[72] MANZAR, AHMAD SAUD, CA
[72] HUBERMAN, SEAN, CA
[73] MAPSTED CORP., CA
[86] (3049062)
[87] (3049062)
[22] 2019-07-10
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[25] EN
[54] **GENE ENCODING ALANYL-GLUTAMINE DIPEPTIDE BIOSYNTHETIC ENZYME AND APPLICATION THEREOF**
[54] **GENE CODANT L'ENZYME BIOSYNTHETIQUE ALANYL-GLUTAMINE DIPEPTIDE ET APPLICATION ASSOCIEE**
[72] YUAN, WENJIE, CN
[72] FAN, CHAO, CN
[72] LI, YIMIN, CN
[72] HONG, HAO, CN
[72] WU, WENZHONG, CN
[73] INNOBIO CORPORATION LIMITED, CN
[85] 2019-07-02
[86] 2017-12-25 (PCT/CN2017/118167)
[87] (WO2018/121458)
[30] CN (201611254213.2) 2016-12-30
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[11] **3,050,122**
[13] C
[51] **Int.Cl. G09G 3/20 (2006.01) G09G 3/38 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RENDERING COLOR IMAGES**
[54] **PROCEDE PERMETTANT DE RESTITUER DES IMAGES EN COULEURS**
[72] BUCKLEY, EDWARD, US
[72] CROUNSE, KENNETH R., US
[72] TELFER, STEPHEN J., US
[72] SAINIS, SUNIL KRISHNA, US
[73] E INK CORPORATION, US
[85] 2019-07-12
[86] 2018-03-02 (PCT/US2018/020588)
[87] (WO2018/164942)
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[30] US (62/509,031) 2017-05-19
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[30] US (62/591,188) 2017-11-27

[11] **3,050,440**
[13] C
[51] **Int.Cl. C10M 163/00 (2006.01)**
[25] EN
[54] **LUBRICANTS WITH OVERBASED CALCIUM AND OVERBASED MAGNESIUM DETERGENTS AND METHOD FOR IMPROVING LOW-SPEED PRE-IGNITION**
[54] **LUBRIFIANTS CONTENANT DES DETERGENTS SURBASIQUES EN TERMES DE CALCIUM ET DE MAGNESIUM ET PROCEDE D'AMELIORATION DU PRE-ALLUMAGE A BASSE VITESSE**
[72] FLETCHER, KRISTIN, US
[72] DINGWELL, LISA, US
[73] AFTON CHEMICAL CORPORATION, US
[85] 2019-07-16
[86] 2017-11-09 (PCT/US2017/060959)
[87] (WO2018/136138)
[30] US (15/409,516) 2017-01-18

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01)**
[25] EN
[54] **CALL HANG TIME INDICATOR FOR AN ELECTRONIC COMMUNICATIONS DEVICE**
[54] **INDICATEUR DE TEMPS DE SUSPENSION D'APPEL POUR UN DISPOSITIF DE COMMUNICATION ELECTRONIQUE**
[72] EWE, SOO CHAIT, MY
[72] CHOO, MARGARET LEE HING, MY
[72] LIM, DENNIS, MY
[72] CH'NG, SENG GUAN, MY
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2019-08-14
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[54] **BRA WITH STORAGE POCKETS**
[54] **SOUTIEN-GORGE AVEC POCHES DE STOCKAGE**
[72] RENDONE, NICOLE, US
[73] NIKE INNOVATE C.V., US
[85] 2019-08-22
[86] 2018-05-17 (PCT/US2018/033081)
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[25] EN
[54] **TELESCOPING MODULES FOR USE IN MODULAR UTILITY SYSTEMS**
[54] **MODULES TELESCOPIQUES DESTINES A ETRE UTILISES DANS DES SYSTEMES UTILITAIRES MODULAIRES**
[72] LEBLANC, ALEXANDER, CA
[73] ARCHI ENTERPRISES INC., CA
[85] 2019-09-09
[86] 2018-09-21 (PCT/CA2018/051193)
[87] (WO2019/056122)
[30] US (62/561,479) 2017-09-21

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[51] **Int.Cl. H04L 12/26 (2006.01) H04L 12/70 (2013.01)**
[25] EN
[54] **SCALING OPERATIONS, ADMINISTRATION, AND MAINTENANCE SESSIONS IN PACKET NETWORKS**
[54] **OPERATIONS DE MISE A L'ECHELLE, ADMINISTRATION, ET SESSIONS DE MAINTENANCE DANS DES RESEAUX DE PAQUET**
[72] HOLNESS, MARC, CA
[73] CIENA CORPORATION, US
[85] 2019-09-25
[86] 2018-03-23 (PCT/US2018/023957)
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[30] US (15/479,547) 2017-04-05

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[51] **Int.Cl. C07D 249/12 (2006.01) A01N 47/42 (2006.01) A01P 13/00 (2006.01)**
[25] EN
[54] **FLUCARBAZONE SODIUM HEMIHYDRATE METHOD AND COMPOSITION**
[54] **PROCEDE ET COMPOSITION DE SEMI-HYDRATE DE FLUCARBAZONE-SODIUM**
[72] PRASAD, VIC, US
[72] LARSON, CHRISTOPHER L., US
[72] GIBB, CAMERON SEATH, US
[73] ARYSTA LIFESCIENCE INC., US
[85] 2019-09-25
[86] 2019-01-23 (PCT/US2019/014776)
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[30] US (15/879,073) 2018-01-24

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[51] **Int.Cl. F16L 1/06 (2006.01) B25B 27/02 (2006.01) E02B 13/00 (2006.01) F16B 21/18 (2006.01) F16L 3/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SECURING A DUCT BANK VIA HOLD-DOWN BARS**
[54] **PROCEDE ET APPAREIL POUR LA FIXATION DE MASSIF DE CONDUITS PAR L`INTERMEDIAIRE DE BARRES DE RETENUE**
[72] MCCOY, DONALD P., US
[73] UNDERGROUND DEVICES, INC., US
[86] (3060184)
[87] (3060184)
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[30] US (16/591172) 2019-10-02

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[25] EN
[54] **SYSTEMS AND METHODS FOR THE SECURED ENTRY AND STORAGE OF SENSITIVE DATA**
[54] **SYSTEMES ET METHODES DE SAISIE ET DE STOCKAGE SECURISES DE DONNEES DE NATURE DELICATE**
[72] EDWARDS, JOSHUA, US
[72] SHAH, SALIK, US
[72] MOSSOBA, MICHAEL, US
[73] CAPITAL ONE SERVICES, LLC, US
[86] (3060282)
[87] (3060282)
[22] 2019-10-28

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[51] **Int.Cl. H04L 12/751 (2013.01) H04L 12/713 (2013.01) H04L 12/721 (2013.01) H04L 12/801 (2013.01)**
[25] EN
[54] **DATAFLOW TRIGGERED TASKS FOR ACCELERATED DEEP LEARNING**
[54] **TACHES DECLENCHEES PAR UN FLUX DE DONNEES POUR APPRENTISSAGE PROFOND ACCELERE**
[72] LIE, SEAN, US
[72] LAUTERBACH, GARY R., US
[72] JAMES, MICHAEL EDWIN, US
[72] MORRISON, MICHAEL, US
[72] AREKAPUDI, SRIKANTH, US
[73] CEREBRAS SYSTEMS INC., US
[85] 2019-10-17
[86] 2018-04-15 (PCT/IB2018/052606)
[87] (WO2018/193352)
[30] US (62/486,372) 2017-04-17
[30] US (62/517,949) 2017-06-11
[30] US (62/520,433) 2017-06-15
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[30] US (62/542,657) 2017-08-08
[30] US (62/580,207) 2017-11-01
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[30] US (62/628,784) 2018-02-09
[30] US (62/652,933) 2018-04-05
[30] US (62/655,210) 2018-04-09

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[13] C
[51] **Int.Cl. B66C 23/18 (2006.01)**
[25] EN
[54] **A LIFTING ASSEMBLY FOR ELEVATING COMPONENTS TO A WIND TURBINE AND A METHOD FOR USING THE LIFTING ASSEMBLY**
[54] **ENSEMBLE DE LEVAGE DESTINE A ELEVER DES ELEMENTS JUSQU'A UNE EOLIENNE ET PROCEDE DESTINE A UTILISER L'ENSEMBLE DE LEVAGE**
[72] STRANDBERG, MICHAEL, SE
[72] LUNDBERG, KENNETH, SE
[73] S&L ACCESS SYSTEMS AB, SE
[85] 2019-11-13
[86] 2018-06-28 (PCT/EP2018/067470)
[87] (WO2019/020310)
[30] EP (17183423.7) 2017-07-27

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[13] C
[51] **Int.Cl. E21B 47/18 (2012.01) E21B 17/10 (2006.01) E21B 19/09 (2006.01)**
[25] EN
[54] **COMPENSATOR, THRUST BEARING AND TORSION BAR FOR SERVO-DRIVEN MUD PULSER**
[54] **COMPENSATEUR, PALIER DE BUTEE ET BARRE DE TORSION POUR GENERATEUR D'IMPULSIONS DANS LA BOUE SERVOCOMMANDE**
[72] FRITH, BENJAMIN G., US
[72] FRITH, TERRENCE G., US
[73] GORDON TECHNOLOGIES, LLC, US
[85] 2019-12-02
[86] 2018-06-04 (PCT/US2018/035895)
[87] (WO2018/223141)
[30] US (62/514,605) 2017-06-02

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[13] A1
[51] **Int.Cl. G01C 21/28 (2006.01) G08G 1/09 (2006.01) G08G 1/123 (2006.01)**
[25] EN
[54] **SELF-POSITION CORRECTION METHOD AND SELF-POSITION CORRECTION DEVICE FOR DRIVE-ASSISTED VEHICLE**
[54] **PROCEDE DE CORRECTION D'AUTO-POSITION ET DISPOSITIF DE CORRECTION D'AUTO-POSITION POUR VEHICULE ASSISTE POUR LA CONDUITE**
[72] NOJIRI, TAKAHIRO, JP
[72] SHINO, TATSUYA, JP
[72] DEGAWA, KATSUHIKO, JP
[73] NISSAN MOTOR CO., LTD.,
[73] NOJIRI, TAKAHIRO,
[73] SHINO, TATSUYA,
[73] DEGAWA, KATSUHIKO,
[85] 2020-01-27
[86] 2017-07-27 (PCT/JP2017/027257)
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[13] C
[51] **Int.Cl. F16K 3/02 (2006.01) F16K 31/50 (2006.01) F16K 31/524 (2006.01)**
[25] EN
[54] **ACTUATOR FOR SLIDE VALVES**
[54] **ACTIONNEUR POUR DISTRIBUTEURS A TIROIR**
[72] MEADOWS, JEREMY LYNN, US
[72] MCCORKLE, ERIC DEWAYNE, US
[73] TAPCOENPRO, LLC, US
[85] 2020-01-31
[86] 2018-06-14 (PCT/US2018/037608)
[87] (WO2019/067032)
[30] US (15/716,798) 2017-09-27

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[13] C
[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/30 (2018.01)**
[25] EN
[54] **PUSH TO TALK FOR THE INTERNET OF THINGS**
[54] **MESSAGERIE VOCALE INSTANTANEE POUR L'INTERNET DES OBJETS**
[72] SAADOUN, FABRICE, IL
[72] MIZRACHI, DAVID, IL
[72] GILOR, TAL, IL
[72] TOV, JACOB SHEM, IL
[72] SHTEIN, EVGENY, IL
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2020-03-10
[86] 2018-08-30 (PCT/US2018/048670)
[87] (WO2019/055218)
[30] US (15/706,795) 2017-09-18

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[25] EN
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[54] **VADROUILLE HYBRIDE**
[72] UNKNOWN, XX
[71] MCMURRAY, NEIL, CA
[22] 2019-01-14
[41] 2020-07-14

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[13] A1
[51] **Int.Cl. F23J 15/02 (2006.01)**
[25] EN
[54] **FURNACE AND BOILER FLUE AND POWER VENT FILTER APPLICATIONS TO REDUCE CARBON AND EMISSIONS ATMOSPHERIC OUT PUT**
[54] **FOUR ET CARNEAU DE CHAUDIERE ET APPLICATIONS DE FILTRAGE A AIR PULSE POUR REDUIRE LA PRODUCTION D`EMISSIONS DE CARBONE ET D`EMISSIONS ATMOSPHERIQUES**
[72] DECARIES, GLENN, CA
[71] DECARIES, GLENN, CA
[71] DECARIES, JENNILEE, CA
[22] 2019-01-14
[41] 2020-07-14

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[51] **Int.Cl. B65D 1/02 (2006.01) A61J 1/00 (2006.01) A61J 1/03 (2006.01) A61J 1/05 (2006.01) B65D 43/02 (2006.01) B65D 83/04 (2006.01)**
[25] EN
[54] **ERGONOMIC PRESCRIPTION MEDICATION BOTTLE**
[54] **FLACON ERGONOMIQUE A MEDICAMENT SUR ORDONNANCE**
[72] KIM, SUN H., CA
[71] KIM, SUN H., CA
[22] 2019-01-14
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[51] **Int.Cl. G16Z 99/00 (2019.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM TO ENABLE LIFE-SHARING**
[54] **SYSTEME DE PARTAGE D`EXPERIENCES DE VIE**
[72] UNKNOWN, XX
[71] HUSBAND, MARK I., CA
[22] 2019-01-14
[41] 2020-07-14

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[13] A1
[51] **Int.Cl. B63B 59/00 (2006.01)**
[25] EN
[54] **THE DEPLOYABLE BOAT KEEL / BOW MAT.**
[54] **MAT DE QUILLE/PROUE DE BATEAU DEPLOYABLE**
[72] HINDS, SHAUN C., CA
[71] HINDS, SHAUN C., CA
[22] 2019-01-14
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[51] **Int.Cl. B21D 22/06 (2006.01) B21D 22/10 (2006.01) B21D 24/02 (2006.01)**
[25] EN
[54] **METHOD OF FABRICATING A COMPOSITE DIE FOR SHEET METAL BENDING AND A COMPOSITE ROLLING DIE FOR SHEET METAL BENDING**
[54] **PROCEDE DE FABRICATION DE MATRICE COMPOSITE POUR LE PLIAGE DES TOLES ET MATRICE DE LAMINAGE COMPOSITE POUR PLIAGE DES TOLES**
[72] SOMERVILLE, CAMERON, CA
[71] LASERCAM FABRICATION INC., CA
[22] 2019-01-14
[41] 2020-07-14

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[51] **Int.Cl. B60R 16/00 (2006.01) B60R 25/00 (2013.01)**
[25] EN
[54] **A VEHICLE IGNITION ACTIVATED ELECTRONICS EQUIPMENT SHUT OFF DEVICE**
[54] **DISPOSITIF D`ARRET POUR MATERIEL ELECTRONIQUE ACTIVE PAR LE MOTEUR DU VEHICULE**
[72] GREEN, BRIAN A., CA
[71] GREEN, BRIAN A., CA
[22] 2019-01-15
[41] 2020-07-15

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[51] **Int.Cl. G08G 1/16 (2006.01)**
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[54] **VEHICLE FOLLOWING DISTANCE REGULATOR**
[54] **REGULEUR DE DISTANCE POUR VEHICULE**
[72] GREEN, BRIAN A., CA
[71] GREEN, BRIAN A., CA
[22] 2019-01-15
[41] 2020-07-15

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[13] A1
[51] **Int.Cl. G01M 99/00 (2011.01) A42B 3/04 (2006.01) F41H 1/04 (2006.01) G01B 15/06 (2006.01) H04N 5/325 (2006.01) H05G 1/26 (2006.01)**
[25] EN
[54] **CINERADIOGRAPHY-BASED METHOD AND APPARATUS FOR TESTING PROTECTIVE HEADGEAR**
[54] **PROCEDE ET APPAREIL DE RADIOCINEMATOGRAPHIE POUR REALISER DES ESSAIS SUR UN CASQUE DE PROTECTION**
[72] PETEL, OREN, CA
[71] PETEL, OREN, CA
[22] 2019-01-14
[41] 2020-07-14
[30] US (16246548) 2019-01-14

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[13] A1
[51] **Int.Cl. F41A 35/00 (2006.01) F41A 9/61 (2006.01) F41A 9/65 (2006.01)**
[25] EN
[54] **SPECTRE BALLISTICS INTERNATIONAL INC RUGER 10/22 MAGAZINE ADAPTER**
[54] **ADAPTATEUR DE CHARGEUR RUGER 10/22 DE SPECTRE BALLISTICS INTERNATIONAL INC.**
[72] LEBEL, TRISTAN, CA
[71] SPECTRE BALLISTICS INTERNATIONAL INC, CA
[22] 2019-01-14
[41] 2020-07-14

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[13] A1
[51] **Int.Cl. A63B 21/02 (2006.01) A63B 23/04 (2006.01)**
[25] EN
[54] **PORTABLE EXERCISE APPARATUS COMPRISING RESISTANCE GENERATING MEMBER IN THE FORM OF A PLUNGER CARRIED ON LIMB RECEIVING MEMBER OF THE EXERCISE APPARATUS**
[54] **EXERCISEUR PORTABLE CONSTITUE D`UN ELEMENT GENERATEUR DE RESISTANCE SE COMPOSANT D`UN PISTON PORTE SUR UN COMPOSANT DE RECEPTION DE MEMBRE DE L`EXERCISEUR**
[72] CARNAGO, HAL M., CA
[72] COLISTRO, VINCENT A., CA
[71] CARNAGO, HAL M., CA
[71] COLISTRO, VINCENT A., CA
[22] 2019-01-14
[41] 2020-07-14

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[13] A1
[51] **Int.Cl. A47C 17/60 (2006.01) A47C 17/58 (2006.01)**
[25] EN
[54] **TRANSFORMING BED WITH A MOVABLE SLEEPING SECTION AND AN EXTENDABLE SUPPORT**
[54] **LIT TRANSFORMABLE DOTE D`UNE SECTION MOBILE POUR DORMIR ET D`UNE STRUCTURE EXTENSIBLE**
[72] FLORA, IQBAL SINGH, CA
[71] FLORA, IQBAL SINGH, CA
[22] 2019-01-14
[41] 2020-07-14

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[13] A1
[51] **Int.Cl. G06Q 50/16 (2012.01)**
[25] EN
[54] **REAL ESTATE TRANSACTION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE TRANSACTION IMMOBILIERE**
[72] GOLBAND, ALIREZA, CA
[72] GOLBAND, AMIR A., CA
[71] GOLBAND, ALIREZA, CA
[71] GOLBAND, AMIR A., CA
[22] 2019-01-15
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[51] **Int.Cl. E04H 17/14 (2006.01) E04H 17/00 (2006.01) F16S 3/00 (2006.01)**
[25] EN
[54] **VERSATILE CONTAINMENT FRAME METHOD**
[54] **METHODE POUR CHASSIS DE CONFINEMENT POLYVALENT**
[72] WALKER, LUKE L. W., CA
[71] WALKER, LUKE L. W., CA
[22] 2019-01-16
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[51] **Int.Cl. C10L 5/40 (2006.01) C10L 5/44 (2006.01)**
[25] EN
[54] **ENERGY PELLET**
[54] **GRANULE SOURCE D`ENERGIE**
[72] LAKE, MICHAEL, A., US
[71] LAKE, MICHAEL, A., US
[22] 2019-01-16
[41] 2020-07-16

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[51] **Int.Cl. E21B 23/10 (2006.01) E21B 34/14 (2006.01)**
[25] EN
[54] **ACTIVATION DART AND FRAC SLEEVE**
[54] **PINCE D`ACTIVATION ET MANCHON DE FRACTURATION**
[72] UNKNOWN, XX
[71] SHERMAN, YVONNE, CA
[22] 2019-01-16
[41] 2020-07-16

[21] **3,030,253**
[13] A1
[51] **Int.Cl. B65G 1/16 (2006.01) B65G 65/00 (2006.01) E04H 5/00 (2006.01)**
[25] EN
[54] **PRODUCT FLOW DIVIDER**
[54] **DIVISEUR DE PRODUIT**
[72] GLENDINNING, WILLIAM W. G., CA
[71] GLENDINNING, WILLIAM W. G., CA
[22] 2019-01-16
[41] 2020-07-16

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[51] **Int.Cl. D01F 9/155 (2006.01) C10G 55/04 (2006.01) C01B 32/00 (2017.01)**
[25] EN
[54] **COMBINED PROCESS TO PRODUCE BOTH A PIPELINEABLE CRUDE AND CARBON FIBER FROM HEAVY HYDROCARBON**
[54] **PROCEDE COMBINE POUR PRODUIRE UN PETROLE BRUT APTE A ETRE TRANSPORTE DANS UN PIPELINE ET UNE FIBRE DE CARBONE A PARTIR D`HYDROCARBURES LOURDS**
[72] CORSCADDEN, TOM, CA
[72] REMESAT, DARIUS, CA
[72] DENTON, DAVID, CA
[71] MEG ENERGY CORP., CA
[22] 2019-01-15
[41] 2020-07-15

[21] **3,030,306**
[13] A1
[51] **Int.Cl. A61K 31/704 (2006.01) A61K 31/015 (2006.01) A61K 31/03 (2006.01) A61K 31/045 (2006.01) A61K 31/05 (2006.01) A61K 31/075 (2006.01) A61K 31/122 (2006.01) A61K 31/19 (2006.01) A61K 31/201 (2006.01) A61K 31/202 (2006.01) A61K 31/472 (2006.01) A61K 31/502 (2006.01) A61K 31/575 (2006.01) A61K 36/71 (2006.01) A61K 45/00 (2006.01) A61P 17/14 (2006.01) A61Q 7/00 (2006.01)**
[25] EN
[54] **BLACK SEED HAIR GROWTH AND REGROWTH ALONG WITH OTHER BENEFITS OF BODY**
[54] **GRAINE NOIRE POUR POUSSE ET REPOUSSE DES CHEVEUX ET AUTRES AVANTAGES POUR LE CORPS**
[72] KHAN, FAISAL, CA
[71] KHAN, FAISAL, CA
[22] 2019-01-16
[41] 2020-07-16

[21] **3,030,331**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/16 (2012.01)**
[25] EN
[54] **METHODS AND SYSTEMS RELATING TO POTENTIAL ASSET REALIZATION**
[54] **PROCEDES ET SYSTEME LIES A LA REALISATION POTENTIELLE DES ACTIFS**
[72] SURGESON, NATHAN PHILLIP, CA
[71] SURGESON, NATHAN PHILLIP, CA
[22] 2019-01-17
[41] 2020-07-17

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[13] A1
[51] **Int.Cl. C02F 1/00 (2006.01) E03B 11/02 (2006.01) E03C 1/122 (2006.01)**
[25] EN
[54] **WATER RECYCLING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE RECYCLAGE D`EAU**
[72] BERTRAND, GUILLAUME, CA
[71] BERTRAND, GUILLAUME, CA
[22] 2019-01-17
[41] 2020-07-17

[21] **3,030,417**
[13] A1
[51] **Int.Cl. A23L 33/17 (2016.01) A23L 33/175 (2016.01) A23L 33/185 (2016.01) A23J 1/00 (2006.01) A23J 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING A COMPLETE PROTEIN AND USES THEREOF**
[54] **PROCEDE POUR PREPARER UNE PROTEINE COMPLETE ET SON UTILISATION**
[72] ARTHUR MERRILL ZEMACH, US
[71] ARTHUR MERRILL ZEMACH, US
[22] 2019-01-17
[41] 2020-07-17

[21] **3,030,501**
[13] A1
[51] **Int.Cl. H04W 4/30 (2018.01) G06F 11/30 (2006.01) G06F 17/00 (2019.01)**
[25] EN
[54] **MESSAGE STORAGE AND RETRIEVAL SOFTWARE APPLICATION**
[54] **APPLICATION LOGICIELLE DE RECUPERATION ET DE STOCKAGE DE MESSAGES**
[72] KEMPE, HEIKO T., CA
[71] KEMPE, HEIKO T., CA
[22] 2019-01-18
[41] 2020-07-17
[30] US (16250183) 2019-01-17

[21] **3,030,508**
[13] A1
[51] **Int.Cl. H02M 1/08 (2006.01) H02J 3/38 (2006.01) H02J 5/00 (2016.01) H02J 13/00 (2006.01)**
[25] EN
[54] **DYNAMIC DIRECT POWER CONTROL METHOD AND SYSTEM FOR A GRID CONNECTED CONVERTER**
[54] **PROCEDE ET SYSTEME DE COMMANDE DE PUISSANCE DIRECTE DYNAMIQUE POUR CONVERTISSEUR CONNECTE A UNE GRILLE**
[72] AHMED ABDOU, AHMED FATHI, AU
[72] HAMED AHMED, HANY ABDELMONEM, AE
[72] EL MOURSI, MOHAMD SHAWKI, AE
[72] AHMED ELKHOLY, ELWY EISSA, EG
[72] ACHARYA, SAMRAT SUMSHER, US
[71] EMIRATES STEEL INDUSTRIES PJSC, AE
[71] KHALIFA UNIVERSITY OF SCIENCE AND TECHNOLOGY, AE
[22] 2019-01-18
[41] 2020-07-18

[21] **3,030,726**
[13] A1
[51] **Int.Cl. E04H 17/14 (2006.01) E04H 17/20 (2006.01) E04H 17/26 (2006.01)**
[25] EN
[54] **PREFABRICATED FENCING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE CLOTURE PREFABRIQUEE**
[72] CHRISTIANSEN, TYSON, CA
[71] CHRISTIANSEN, TYSON, CA
[22] 2019-01-21
[41] 2020-07-17
[30] US (16250553) 2019-01-17

[21] **3,030,905**
[13] A1
[51] **Int.Cl. E04G 11/00 (2006.01)**
[25] EN
[54] **FORMWORK SYSTEM**
[54] **SYSTEME DE COFFRAGE**
[72] BECKER, ALLAN JAMES, CA
[71] BRAND SHARED SERVICES LLC, US
[22] 2019-01-18
[41] 2020-07-18

[21] **3,031,030**
[13] A1
[51] **Int.Cl. F03G 7/10 (2006.01) F03G 3/00 (2006.01) F16H 33/00 (2006.01)**
[25] FR
[54] **AREL MULTIPLIER MOTOR GENERATOR**
[54] **MULTIPLICTEUR AREL MOTEUR GENERATEUR**
[72] AREL, RICHARD, CA
[71] AREL, RICHARD, CA
[22] 2019-01-18
[41] 2020-07-18

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[13] A1
[51] **Int.Cl. A63D 15/16 (2006.01) A63D 15/08 (2006.01)**
[25] EN
[54] **CHALK-HOLDER FOR BILLIARD-CUES SYSTEM**
[54] **PORTE-CRAIE POUR SYSTEME DE QUEUES DE BILLARD**
[72] MONTEITH, CRAIG D. R., CA
[71] MONTEITH, CRAIG D. R., CA
[22] 2019-02-04
[41] 2020-07-17
[30] US (16251068) 2019-01-17

[21] **3,040,413**
[13] A1
[51] **Int.Cl. C01B 23/00 (2006.01) B01D 53/02 (2006.01) B01D 53/22 (2006.01)**
[25] EN
[54] **SEPARATION PROCESS AND APPARATUS FOR LIGHT NOBLE GAS**
[54] **PROCESSUS ET APPAREIL DE SEPARATION DE GAZ RARE LEGER**
[72] SANDERSON, CORY E., US
[72] PLOEGER, JASON MICHAEL, US
[72] CAO, JIN, US
[72] WHITLEY, ROGER DEAN, US
[72] BHADRA, SHUBHRA JYOTI, US
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2019-04-16
[41] 2020-07-18
[30] US (16/251,594) 2019-01-18

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[13] A1
[51] **Int.Cl. A23L 13/60 (2016.01) A23L 13/00 (2016.01) A23B 4/03 (2006.01) A23B 4/044 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR PRODUCING A MEAT PRODUCT**
[54] **METHODES ET SYSTEMES DE PRODUCTION DE PRODUITS DE VIANDE**
[72] TULL, MICHAEL HENRY, CA
[71] OBERTO SNACKS INC., CA
[22] 2019-05-02
[41] 2020-07-15
[30] US (62/792,782) 2019-01-15

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[13] A1
[51] **Int.Cl. B65H 3/24 (2006.01) B65H 1/06 (2006.01) G07F 11/16 (2006.01)**
[25] EN
[54] **CARD SEPARATING APPARATUS**
[54] **APPAREIL DE SEPARATION DE CARTES**
[72] KRATZIG, ANDREAS, DE
[71] SCHEIDT & BACHMANN GMBH, DE
[22] 2019-05-06
[41] 2020-07-15
[30] DE (10 2019 100 923.5) 2019-01-15

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[51] **Int.Cl. F24F 11/62 (2018.01) F24F 11/76 (2018.01) F24D 5/02 (2006.01) F24F 7/007 (2006.01) F24F 13/06 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CONTROLLING DISTRIBUTION OF THERMALLY ALTERED FLUIDS**
[54] **PROCEDE ET SYSTEME POUR CONTROLER LA REPARTITION DES FLUIDES MODIFIES PAR CHALEUR**
[72] FORMAN, DAVID J., US
[71] SUNCOURT, INC., US
[22] 2019-08-29
[41] 2020-07-16
[30] US (16/249,131) 2019-01-16
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[13] A1
[51] **Int.Cl. F16C 33/66 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01) F16C 35/04 (2006.01) F16N 1/00 (2006.01) F16N 7/32 (2006.01)**
[25] EN
[54] **BEARING FOR USE IN HIGH SPEED APPLICATION**
[54] **ROULEMENT A UTILISER DANS UNE APPLICATION HAUTE VITESSE**
[72] BURNSIDE, PHILLIP H., US
[72] SCHWENDENMANN, ANDREW, US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2019-10-08
[41] 2020-07-15
[30] US (62/792595) 2019-01-15

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[13] A1
[51] **Int.Cl. F16C 33/66 (2006.01) F01D 25/16 (2006.01) F01D 25/18 (2006.01) F02C 7/06 (2006.01)**
[25] EN
[54] **BEARING FOR USE IN HIGH SPEED APPLICATION**
[54] **ROULEMENT A UTILISER DANS UNE APPLICATION HAUTE VITESSE**
[72] BURNSIDE, PHILLIP H., US
[72] SCHWENDENMANN, ANDREW, US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC., US
[22] 2019-10-08
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[51] **Int.Cl. E21B 33/12 (2006.01) C08J 3/20 (2006.01) C08J 5/04 (2006.01) C08L 101/12 (2006.01) E21B 33/129 (2006.01)**
[25] EN
[54] **WELLBORE ISOLATION DEVICES WITH DEGRADABLE NON-METALLIC COMPONENTS**
[54] **DISPOSITIFS D'ISOLATION DE PUITS DE FORAGE AVEC COMPOSANTS NON METALLIQUES DEGRADABLES**
[72] FRIPP, MICHAEL LINLEY, US
[72] WALTON, ZACHARY WILLIAM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2019-10-22
[41] 2020-07-15
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[51] **Int.Cl. H01B 7/295 (2006.01) C09K 21/14 (2006.01) H01B 3/44 (2006.01)**
[25] EN
[54] **FLAME RESISTANT COVERED CONDUCTOR CABLE**
[54] **CABLE CONDUCTEUR RECOUVERT INFLAMMABLE**
[72] YU, BANG WEI, US
[71] PRIORITY WIRE & CABLE, INC., US
[22] 2019-11-04
[41] 2020-07-18
[30] US (62/828,847) 2019-04-03
[30] US (62/890,230) 2019-08-22
[30] US (62/794,061) 2019-01-18
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[13] A1
[51] **Int.Cl. E04H 15/62 (2006.01) C09J 5/00 (2006.01)**
[25] EN
[54] **A TENT PEG AND THE PROCESSING METHOD THEREOF**
[54] **PIQUET DE TENTE ET SON PROCEDE DE FABRICATION**
[72] XIAN, MINJIN, CN
[71] GUANGZHOU CLASSIC & FRESH CRAFTS CO., LIMITED, CN
[22] 2019-11-12
[41] 2020-07-18
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[51] **Int.Cl. A24B 15/16 (2006.01) A24C 5/00 (2006.01) A24D 3/00 (2006.01) A24D 3/18 (2006.01) A61K 36/185 (2006.01)**
[25] EN
[54] **ADDITIVE COMPRISING CANNABIS EXTRACT OIL FOR A SMOKING CIGARETTE AND CIGARETTE HOLDER FOR LOCATING INSIDE THE SMOKING CIGARETTE WITH RELATED METHOD**
[54] **ADDITIF COMPRENANT DE L`HUILE D`EXTRAIT DE CANNABIS POUR CIGARETTE ET PORTE-CIGARETTE POUR DETERMINER L`INTERIEUR DE LA CIGARETTE GRACE A UN PROCEDE ASSOCIE**
[72] CALE, DREW R., CA
[71] CALE, DREW R., CA
[22] 2019-11-12
[41] 2020-07-14
[30] US (62792095) 2019-01-14
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[51] **Int.Cl. H02B 1/54 (2006.01)**
[25] EN
[54] **SEISMIC SUPPORT STRUCTURE**
[54] **STRUCTURE SUPPORT SISMIQUE**
[72] KECHROUD, RIYAD, CA
[72] ROLLIER, CLEMENT, CA
[72] BABIN, PASCAL, CA
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[22] 2019-11-20
[41] 2020-07-16
[30] US (16/249,793) 2019-01-16

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[13] A1
[51] **Int.Cl. B64C 1/14 (2006.01) B64C 1/22 (2006.01)**
[25] EN
[54] **AIRCRAFT DOOR HINGE ROTATION**
[54] **ROTATION DE CHARNIERE DE PORTE D`AERONEF**
[72] JACKSON, RICK A., US
[71] THE BOEING COMPANY, US
[22] 2019-12-05
[41] 2020-07-14
[30] US (16/247,088) 2019-01-14

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[51] **Int.Cl. F16J 15/3284 (2016.01) F02C 7/06 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **SEAL ASSEMBLY WITH BUFFERED LIP SEAL**
[54] **ENSEMBLE D`ETANCHEITE AVEC JOINT A LEVRE ISOLE**
[72] BLACK, JOSEPH DEAN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2019-12-10
[41] 2020-07-14
[30] US (62/792,260) 2019-01-14
[30] US (16/697,398) 2019-11-27

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[13] A1
[51] **Int.Cl. A61F 2/36 (2006.01) A61F 2/32 (2006.01) A61M 31/00 (2006.01)**
[25] EN
[54] **FEMORAL HIP JOINT SPACER WITH IRRIGATION DEVICE**
[54] **ESPACEUR FEMORAL D`ARTICULATION DE LA HANCHE DOTE D`UN DISPOSITIF D`IRRIGATION**
[72] VOGT, SEBASTIAN, DE
[72] KLUGE, THOMAS, DE
[71] HERAEUS MEDICAL GMBH, DE
[22] 2020-01-03
[41] 2020-07-16
[30] DE (10 2019 101 081.0) 2019-01-16

[21] **3,066,595**
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[51] **Int.Cl. H04R 1/10 (2006.01) H04W 4/80 (2018.01) A45F 5/00 (2006.01) H01F 7/02 (2006.01)**
[25] EN
[54] **WEARABLE EARBUD SYSTEM**
[54] **ECOUTEURS PORTABLES**
[72] WOLFE, JAMES, US
[71] WOLFE, JAMES, US
[22] 2020-01-03
[41] 2020-07-17
[30] US (PCT/US2019/013987) 2019-01-17
[30] US (16/722223) 2019-12-20

[21] **3,066,797**
[13] A1
[51] **Int.Cl. B66F 9/12 (2006.01)**
[25] EN
[54] **IMPROVED APPARATUS**
[54] **APPAREIL AMELIORE**
[72] IOTTI, MARCO, IT
[71] MANITOU ITALIA S.R.L., IT
[22] 2020-01-07
[41] 2020-07-15
[30] IT (102019000000607) 2019-01-15

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[13] A1
[51] **Int.Cl. B60P 1/44 (2006.01)**
[25] EN
[54] **MOUNTING SYSTEM FOR VEHICLE UNDERRIDE**
[54] **SYSTEME DE MONTAGE POUR ANTIENCASTREMENT DE VEHICULE**
[72] ABLABUTYAN, KARAPET, US
[72] GASPARIAN, AKOP, US
[71] MAXON INDUSTRIES, INC., US
[22] 2020-01-08
[41] 2020-07-14
[30] US (16/247,349) 2019-01-14

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[13] A1
[51] **Int.Cl. H05B 45/10 (2020.01) H05B 45/30 (2020.01)**
[25] EN
[54] **METHOD FOR STEP DIMMING**
[54] **METHODE POUR GRADATION PAR ETAPES**
[72] FELTY, JEFFREY GLENN, US
[72] CANDOW, KEVIN ANDREW, US
[71] CURRENT LIGHTING SOLUTIONS, LLC, US
[22] 2020-01-09
[41] 2020-07-15
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[25] EN
[54] **AI-DRIVEN TRANSACTION MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DES TRANSACTIONS PAR INTELLIGENCE ARTIFICIELLE**
[72] FEHLING, RONNY, US
[72] SHORT, SAMANTHA, US
[72] GOURSAC, AXEL DE, US
[72] DUBOIS, RAPHAEL, US
[72] ERLEBACH, JORG, US
[72] FUNCK, KARIN VON, US
[71] THE BOSTON CONSULTING GROUP, INC., US
[22] 2020-01-07
[41] 2020-07-17
[30] US (16/251,051) 2019-01-17

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[13] A1
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[25] EN
[54] **SYSTEMS AND METHODS FOR COLLECTING, MONITORING, AND ANALYZING VEHICLE DATA FROM A PLURALITY OF VEHICLES USING EDGE COMPUTING**
[54] **SYSTEMES ET PROCEDES POUR RECUEILLIR, SURVEILLER ET ANALYSER LES DONNEES PROVENANT DE PLUSIEURS VEHICULES EN UTILISANT UN CALCUL INFORMATISE EN PERIPHERIE DE RESEAU**
[72] RAJENDRAN, SATISH KUMAR, US
[72] RAO, KARTHIK, US
[72] DEEKSHITH, CHETHAN, US
[72] SENATHIPATHY, VISHNU, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2020-01-10
[41] 2020-07-17
[30] US (16/250027) 2019-01-17

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[13] A1
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[25] EN
[54] **INTERFACES FOR RESOLVING MAINTENANCE ACTIVITIES**
[54] **INTERFACES POUR RESOUDRE LES ACTIVITES DE MAINTENANCE**
[72] KURNIAWAN, ANDIE, US
[72] PAIX, KENDALL, US
[72] PARMAR, ASHISH, US
[72] LIN, FRANK, US
[71] HONEYWELL INTERNATIONAL INC., US
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[41] 2020-07-16
[30] US (16/249519) 2019-01-16

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[51] **Int.Cl. G03G 9/08 (2006.01) C08L 25/14 (2006.01) C08L 67/00 (2006.01) C08L 93/04 (2006.01) C08J 3/12 (2006.01)**
[25] EN
[54] **NON-BISPHENOL-A EMULSION AGGREGATION TONER AND PROCESS**
[54] **TONER DE TYPE EMULSION/AGREGATION SANS BISPHENOL A ET PROCEDE**
[72] NOSELLA, KIMBERLY D., CA
[72] SACRIPANTE, GUERINO G., CA
[72] ZWARTZ, EDWARD G., CA
[72] HAWKINS, MICHAEL STEVEN, CA
[71] XEROX CORPORATION, US
[22] 2020-01-10
[41] 2020-07-14
[30] US (16/247245) 2019-01-14

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[51] **Int.Cl. B60P 7/02 (2006.01) B62D 33/04 (2006.01)**
[25] EN
[54] **A TONNEAU WITH INTEGRATED TOOLBOX**
[54] **COUVRE-CAISSE AVEC BOITE A OUTILS INTEGREE**
[72] LINN, RANDY W., US
[72] KOLWICK, JOSEPH T., US
[72] NOWICKI, THOMAS P., US
[71] RELIABLE ENGINEERED PRODUCTS, LLC, US
[22] 2020-01-10
[41] 2020-07-18
[30] US (16/252,051) 2019-01-18
[30] US (62/870,247) 2019-07-03
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[25] EN
[54] **AIRCRAFT WING COMPOSITE RIBS HAVING ELECTRICAL GROUNDING PATHS**
[54] **NERVURES COMPOSITES D'AILE D'AERONEF AVEC PARCOURS DE MISE A LA TERRE ELECTRIQUE**
[72] WALKER, STEVEN PAUL, US
[71] THE BOEING COMPANY, US
[22] 2020-01-09
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[30] US (16/247,201) 2019-01-14

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[54] **PITOT TUBE**
[54] **TUBE DE PITOT**
[72] ROBIN, JACOB, IN
[72] MAHAPATRA, GURU PRASAD, IN
[72] JOHNSON, PAUL ROBERT, US
[71] GOODRICH CORPORATION, US
[22] 2020-01-09
[41] 2020-07-17
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[51] **Int.Cl. B62B 9/12 (2006.01) B62B 7/12 (2006.01)**
[25] FR
[54] **ACCESSORY FOR STROLLER, AS WELL AS A SET FORMING A DOUBLE STROLLER**
[54] **ACCESSOIRE POUR POUSSETTE, AINSI QU'ENSEMBLE FORMANT POUSSETTE DOUBLE**
[72] CHAUDEURGE, JEAN-MICHEL, FR
[71] BABYZEN, FR
[22] 2020-01-13
[41] 2020-07-14
[30] FR (FR 1909819) 2019-09-06
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[25] EN
[54] **TARGET TRACKING SYSTEMS AND METHODS FOR UUV**
[54] **SYSTEMES DE SUIVI CIBLE ET METHODES POUR VSSE**
[72] WANG, HONG JIAN, CN
[72] RUAN, LI, CN
[72] ZHANG, HONG HAN, CN
[72] LI, JUAN, CN
[72] CHEN, TAO, CN
[72] WU, DI, CN
[72] TANG, ZHAO DONG, CN
[72] SUN, YAN, CN
[72] ZHANG, GENG SHI, CN
[72] YU, DAN, CN
[71] HARBIN ENGINEERING UNIVERSITY, CN
[22] 2020-01-13
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[51] **Int.Cl. B63G 8/00 (2006.01) B63G 8/28 (2006.01) G05D 1/10 (2006.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **SELF-LEARNING AUTONOMOUS NAVIGATION SYSTEMS AND METHODS FOR UNMANNED UNDERWATER VEHICLE**
[54] **SYSTEMES ET METHODES DE NAVIGATION AUTONOME D`AUTO-APPRENTISSAGE POUR VEHICULE SOUS-MARIN SANS EQUIPAGE**
[72] WANG, HONG JIAN, CN
[72] LIN, CHANG JIAN, CN
[72] CHEN, TAO, CN
[72] ZHOU, JIA JIA, CN
[72] ZHANG, HONG HAN, CN
[72] GUAN, FENG XU, CN
[72] XU, XIU JUN, CN
[72] TANG, ZHAO DONG, CN
[72] ZHANG, XUN, CN
[72] YUAN, JIAN YA, CN
[71] HARBIN ENGINEERING UNIVERSITY, CN
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[51] **Int.Cl. G08G 3/02 (2006.01) G08G 3/00 (2006.01) H04W 84/18 (2009.01) G01S 13/937 (2020.01)**
[25] EN
[54] **COOPERATIVE AUTONOMOUS NAVIGATION SYSTEMS AND METHODS FOR MULTIPLE UNMANNED SURFACE VEHICLES CONSIDERING COMMUNICATION**
[54] **SYSTEMES ET METHODES DE NAVIGATION AUTONOME COOPERATIVE POUR PLUSIEURS VEHICULES DE SURFACE SANS EQUIPAGE TENANT COMPTE DES COMMUNICATIONS**
[72] WANG, HONG JIAN, CN
[72] FU, ZHONG JIAN, CN
[72] YAN, ZHE PING, CN
[72] ZHOU, JIA JIA, CN
[72] DU, XUE, CN
[72] LI, JUAN, CN
[72] LI, BEN YIN, CN
[72] GUAN, FENG XU, CN
[72] ZHANG, WEI, CN
[72] FU, MING YU, CN
[71] HARBIN ENGINEERING UNIVERSITY, CN
[22] 2020-01-13
[41] 2020-07-14
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[25] EN
[54] **THREAT SITUATION ASSESSMENT SYSTEMS AND METHODS FOR UNMANNED UNDERWATER VEHICLE**
[54] **SYSTEMES ET METHODES D'EVALUATION DE SITUATIONS DE MENACE POUR VEHICULE SOUS-MARIN SANS EQUIPAGE**
[72] WANG, HONG JIAN, CN
[72] NIU, SHAO YUAN, CN
[72] YAN, ZHE PING, CN
[72] LI, BEN YIN, CN
[72] ZHANG, XUN, CN
[72] DU, XUE, CN
[72] ZHANG, GENG SHI, CN
[72] XU, XIU JUN, CN
[72] WU, DI, CN
[72] XU, JIAN, CN
[71] HARBIN ENGINEERING UNIVERSITY, CN
[22] 2020-01-13
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[30] CN (20190033312.5) 2019-01-14

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[51] **Int.Cl. C02F 9/14 (2006.01) C02F 1/00 (2006.01) C02F 1/28 (2006.01) C02F 9/02 (2006.01) C02F 11/02 (2006.01)**
[25] EN
[54] **PROCESS AND PLANT FOR THE PURIFICATION OF WASTE FROM ZOOTECHNICAL SOURCES**
[54] **PROCEDE ET USINE DE PURIFICATION DES DECHETS DE SOURCES ZOOTECHNIQUES**
[72] BINAGHI, DIEGO, IT
[72] BALDI, MARCO, IT
[71] CAMPAGNA & PARTNERS S.R.L., IT
[22] 2020-01-13
[41] 2020-07-14
[30] IT (102019000000553) 2019-01-14

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[25] EN
[54] **SYSTEM FOR LEAD-ACID BATTERY REPLACEMENT**
[54] **SYSTEME DE REMPLACEMENT DE BATTERIE D'ACCUMULATEURS AU PLOMB**
[72] ZHANG, ZHIXIAN, CN
[72] SO, CHIT FUNG, CN
[71] LITHIUM POWER INC., US
[22] 2020-01-13
[41] 2020-07-15
[30] US (62/792,630) 2019-01-15
[30] US (16/685,255) 2019-11-15

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[13] A1
[51] **Int.Cl. C07C 211/45 (2006.01) C07D 405/12 (2006.01)**
[25] EN
[54] **PROCESSES FOR THE PREPARATION OF TEZACAFTOR AND INTERMEDIATES THEREOF**
[54] **PROCEDE DE PREPARATION DE TEZACAFTOR ET INTERMEDIAIRES CONNEXES**
[72] EMMETT, MICHAEL R., CA
[72] BODHURI, PRABHUDAS, US
[72] ZHAO, YAJUN, CA
[72] CAMMISA, EDUARDO G, CA
[72] GREEN, STUART P., CA
[71] APOTEX INC., CA
[22] 2020-01-10
[41] 2020-07-15
[30] US (62792543) 2019-01-15

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[13] A1
[51] **Int.Cl. F24F 11/54 (2018.01) F24F 11/50 (2018.01)**
[25] EN
[54] **MULTI-ZONE ENVIRONMENTAL CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE DE L'ENVIRONNEMENT MULTI-ZONE**
[72] BLOEMER, JOHN, US
[72] FERKEY, WADE, US
[72] BALADHANDAPANI, PRABAHARA SUNDAR, US
[71] RESEARCH PRODUCTS CORPORATION, US
[22] 2020-01-14
[41] 2020-07-14
[30] US (62/792,205) 2019-01-14

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[13] A1
[51] **Int.Cl. G07F 19/00 (2006.01) G06Q 40/02 (2012.01) G06F 21/31 (2013.01) B60W 60/00 (2020.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AUTONOMOUS BANKING RESOURCES**
[54] **SYSTEMES ET PROCEDES POUR LES RESSOURCES BANCAIRES AUTONOMES**
[72] SHAH, SALIK, US
[72] MOSSOBA, MICHAEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-14
[41] 2020-07-15
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[51] **Int.Cl. E06B 3/04 (2006.01) E06B 1/36 (2006.01) E06B 1/52 (2006.01) E06B 3/96 (2006.01)**
[25] EN
[54] **COMPOSITE DOOR AND WINDOW COMPONENT WITH A CO-EXTRUDED CORE AND AN IMPERMEABLE END BLOCK**
[54] **ELEMENT DE PORTE ET DE FENETRE COMPOSITE AVEC NOYAU CO-EXTRUDE ET BLOC D`ABOUT IMPERMEABLE**
[72] LI, GUANG HUI, CA
[71] WESTON WOODS SOLUTIONS INC., CA
[22] 2020-01-14
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[51] **Int.Cl. H04B 5/00 (2006.01) H04W 4/80 (2018.01) H01Q 7/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR WIRELESS COMMUNICATION WITH IMPROVED RELIABILITY**
[54] **APPAREIL ET PROCEDE POUR LA COMMUNICATION SANS FIL AVEC FIABILITE AMELIOREE**
[72] WURMFELD, DAVID KELLY, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-14
[41] 2020-07-17
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[51] **Int.Cl. A61M 16/00 (2006.01) A61H 31/00 (2006.01)**
[25] EN
[54] **MANUAL RESUSCITATION BAG WITH IMPROVED PEP EXHAUST VALVE**
[54] **BALLON DE REANIMATION MANUEL COMPORTANT UNE SOUPAPE D`ECHAPPEMENT EN PEP AMELIOREE**
[72] ALBERICI, LUCA, IT
[72] BUGATTI, OTTORINO, IT
[72] MASSARO, PAOLO, IT
[72] MASSERDOTTI, FULVIO, IT
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR
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[51] **Int.Cl. G01M 15/14 (2006.01) B64D 31/06 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETECTING FAN BLADE STRUCTURAL FAILURE**
[54] **METHODE ET SYSTEME DE DETECTION DE L`ECHEC STRUCTURAL DE LA PALE DE VENTILATEUR**
[72] ZHU, LI, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-01-13
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[51] **Int.Cl. B62D 65/02 (2006.01) B60S 9/12 (2006.01) B60S 9/22 (2006.01) B60S 11/00 (2006.01) B62D 63/08 (2006.01) B66F 3/24 (2006.01)**
[25] EN
[54] **EASY HYDRAULIC JACK RETROFIT FOR A TRAILER**
[54] **MODERNISATION FACILE DU VERIN HYDRAULIQUE POUR UNE REMORQUE**
[72] ZIMMERMAN, JAY PAUL, US
[71] ZIMMERMAN, JAY PAUL, US
[22] 2020-01-10
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[51] **Int.Cl. A61K 31/327 (2006.01) A61K 8/9789 (2017.01) A61K 8/34 (2006.01) A61K 8/362 (2006.01) A61K 8/67 (2006.01) A61K 8/891 (2006.01) A61K 9/50 (2006.01) A61K 31/05 (2006.01) A61K 31/07 (2006.01) A61K 31/145 (2006.01) A61K 31/455 (2006.01) A61K 31/65 (2006.01) A61K 31/7048 (2006.01) A61K 31/7056 (2006.01) A61K 36/185 (2006.01) A61K 36/74 (2006.01) A61K 36/82 (2006.01) A61K 47/14 (2017.01) A61K 47/24 (2006.01) A61P 17/10 (2006.01) A61Q 19/00 (2006.01)**
[25] EN
[54] **TOPICAL DERMATOLOGIC ACNE TREATMENT CREAM COMPOSITION AND METHOD OF MANUFACTURE**
[54] **COMPOSITION D`UNE CREME DE TRAITEMENT DERMATOLOGIQUE TOPIQUE CONTRE L`ACNE ET PROCEDE DE FABRICATION**
[72] SELLITTO, SCOTTPATRICK, US
[72] SAJIC, DUSAN, CA
[72] BRESLAVETS, MAKSYM, CA
[71] DERMA RESEARCH GROUP INC., CA
[22] 2020-01-15
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[51] **Int.Cl. G05D 1/02 (2020.01) H04W 80/04 (2009.01) H04W 92/02 (2009.01) B60R 16/023 (2006.01) H04L 1/22 (2006.01)**
[25] EN
[54] **MOBILE CAN-BUS CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE MOBILE DU BUS DE DONNEES CAN**
[72] PASSMORE, CHRIS, CA
[71] FLODRAULIC CONTROLS LTD., CA
[22] 2020-01-14
[41] 2020-07-14
[30] US (62/792,269) 2019-01-14

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[13] A1
[51] **Int.Cl. G01S 7/4865 (2020.01) G01S 17/10 (2020.01)**
[25] EN
[54] **METHOD AND DEVICE FOR OPTICAL DISTANCE MEASUREMENT**
[54] **METHODE ET APPAREIL DE MESURE D`UNE DISTANCE OPTIQUE**
[72] BIRNBACHER, WOLFGANG, DE
[71] IBEO AUTOMOTIVE SYSTEMS GMBH, DE
[22] 2020-01-15
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[13] A1
[51] **Int.Cl. E21B 33/04 (2006.01) E21B 19/02 (2006.01)**
[25] EN
[54] **PROTECTION SLEEVE FOR TUBING HANGER THREADS**
[54] **MANCHON DE PROTECTION POUR FILETAGES DE COLLIER A COINS POUR TUBES DE PRODUCTION**
[72] DANNISH, CHAD, CA
[71] EMKADE DISTRIBUTION INC., CA
[22] 2020-01-13
[41] 2020-07-12
[30] US (62/791,768) 2019-01-12

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[13] A1
[51] **Int.Cl. E03D 11/16 (2006.01) F16L 41/08 (2006.01)**
[25] EN
[54] **CLOSET FLANGE WITH BOLT SUPPORT**
[54] **BRIDE DE CUVETTE AVEC SUPPORT**
[72] LORKOWSKI, AARON, US
[72] ZHANG, JEFFREY, US
[72] BROWN, KENNETH, US
[71] OATEY CO., US
[22] 2020-01-15
[41] 2020-07-16
[30] US (62/793213) 2019-01-16
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[13] A1
[51] **Int.Cl. G05D 11/13 (2006.01) B01F 15/04 (2006.01) G05B 19/045 (2006.01)**
[25] EN
[54] **VOLUMETRIC MIXER CONTROL SYSTEM**
[54] **SYSTEME DE CONTROLE DE MELANGEUR VOLUMETRIQUE**
[72] KOPPELAAR, GREG, CA
[72] KOPPELAAR, KEVIN, CA
[72] DOROMBOZI, RON, CA
[72] OVERDUIN, SAM, CA
[72] PENNINGS, MARK, CA
[71] BAY-LYNX MANUFACTURING INC., CA
[22] 2020-01-15
[41] 2020-07-16
[30] US (62/793,149) 2019-01-16

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[13] A1
[51] **Int.Cl. H04M 3/432 (2006.01) G10L 15/22 (2006.01) H04M 1/57 (2006.01) H04M 3/493 (2006.01)**
[25] EN
[54] **INTERACTING WITH AN INTERACTIVE VOICE RESPONSE SYSTEM DEVICE OR AGENT DEVICE OF AN ORGANIZATION**
[54] **INTERACTION AVEC UN APPAREIL DE SYSTEME A REPONSE VOCALE INTERACTIF OU UN DISPOSITIF AUTOMATIQUE D`UNE ORGANISATION**
[72] MOSSOBA, MICHAEL, US
[72] EDWARDS, JOSHUA, US
[72] BENKREIRA, ABDELKADAR M'HAMED, US
[72] COLEVAS, ALEXANDRA, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-15
[41] 2020-07-16
[30] US (16/249160) 2019-01-16

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[13] A1
[51] **Int.Cl. F03B 15/00 (2006.01) F03B 3/18 (2006.01) F03B 11/00 (2006.01)**
[25] EN
[54] **METHOD FOR STARTING A HYDROELECTRIC TURBINE**
[54] **PROCEDE DE DEMARRAGE D`UNE TURBINE HYDROELECTRIQUE**
[72] ALLOIN, QUENTIN, FR
[72] RENAUD, GUILLAUME, FR
[71] GE RENEWABLE TECHNOLOGIES, FR
[22] 2020-01-15
[41] 2020-07-18
[30] EP (19305069.7) 2019-01-18

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[13] A1
[51] **Int.Cl. B60W 60/00 (2020.01)**
[25] FR
[54] **PLATFORM AND PROCESS FOR MONITORING INFRASTRUCTURE FOR TRANSPORT VEHICLES, AND ASSOCIATED VEHICLE, TRANSPORT SYSTEM AND COMPUTER PROGRAM**
[54] **PLATEFORME ET PROCEDE DE SUPERVISION D'UNE INFRASTRUCTURE POUR VEHICULES DE TRANSPORT, VEHICULE, SYSTEME DE TRANSPORT ET PROGRAMME D'ORDINATEUR ASSOCIES**
[72] KARAOGUZ, CEM, FR
[72] BEAUVILLAIN, ALEXIS, FR
[71] TRANSDEV GROUP, FR
[22] 2020-01-10
[41] 2020-07-17
[30] FR (19 00421) 2019-01-17

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[13] A1
[51] **Int.Cl. B60P 3/22 (2006.01) B67D 7/40 (2010.01) B65H 75/42 (2006.01)**
[25] EN
[54] **FUEL DELIVERY SYSTEMS, METHODS AND APPARATUS**
[54] **SYSTEMES, PROCEDES ET APPAREILS DE LIVRAISON DU CARBURANT**
[72] WRUCK, ABE, US
[72] HENNEN, MERANDA, US
[71] WESTMOR INDUSTRIES, LLC, US
[22] 2020-01-15
[41] 2020-07-15
[30] US (62/792,494) 2019-01-15
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[13] A1
[51] **Int.Cl. G06K 7/12 (2006.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMITTING FINANCIAL INFORMATION VIA COLOR MATRIX CODE**
[54] **SYSTEME ET PROCEDE DE TRANSMISSION DES RENSEIGNEMENTS FINANCIERS AU MOYEN D`UN CODE DE MATRICE DE COULEURS**
[72] WALTERS, AUSTIN GRANT, US
[72] GOODSITT, JEREMY EDWARD, US
[72] ABDI TAGHI ABAD, FARDIN, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-14
[41] 2020-07-15
[30] US (16/248,440) 2019-01-15

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[51] **Int.Cl. B61H 13/00 (2006.01) B60T 7/12 (2006.01) B60T 15/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR VEHICLE BRAKING CONTROL**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE FREINAGE DU VEHICULE**
[72] SZKLAR, OLEH, US
[71] CATTRON NORTH AMERICA, INC., US
[22] 2020-01-15
[41] 2020-07-16
[30] US (62/793,252) 2019-01-16
[30] US (62/816,622) 2019-03-11
[30] US (16/508,557) 2019-07-11

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[51] **Int.Cl. F24F 6/16 (2006.01) F04D 25/06 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **MISTING FAN**
[54] **VENTILATEUR DE BRUMISATION**
[72] JACKSON, NICHOLAS, US
[72] GEBHARDT, JASON, US
[71] HOME DEPOT INTERNATIONAL, INC., US
[22] 2020-01-14
[41] 2020-07-15
[30] US (16/248,260) 2019-01-15

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64C 11/30 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR OPERATING A GAS TURBINE ENGINE COUPLED TO AN AIRCRAFT PROPELLER**
[54] **SYSTEME ET METHODE D`EXPLOITATION D`UNE TURBINE A GAZ COUPLEE A UNE HELICE D`AERONEF**
[72] CHAHAL, JASRAJ, CA
[72] LISIO, CARMINE, CA
[72] MCGRATH, DARRAGH, CA
[72] ZINGARO, GIANCARLO, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-01-14
[41] 2020-07-17
[30] US (16/250,256) 2019-01-17

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[51] **Int.Cl. G02B 6/24 (2006.01) G02B 6/44 (2006.01)**
[25] EN
[54] **SHEATHED OPTICAL RIBBON CABLE ASSEMBLY**
[54] **ENSEMBLE CABLE-RUBAN OPTIQUE GAINE**
[72] ZITSCH, DWIGHT DAVID, US
[72] RABI, ZAHEER, US
[71] TE CONNECTIVITY CORPORATION, US
[71] TYKO ELECTRONICS UK LTD., GB
[22] 2020-01-16
[41] 2020-07-16
[30] US (16/249810) 2019-01-16

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[13] A1
[51] **Int.Cl. G06N 3/08 (2006.01) G09B 23/30 (2006.01) G06T 7/10 (2017.01) G06K 9/62 (2006.01)**
[25] EN
[54] **GENERATING SYNTHETIC MODELS OR VIRTUAL OBJECTS FOR TRAINING A DEEP LEARNING NETWORK**
[54] **PRODUCTION DE MODELES SYNTHETIQUES OU D`OBJETS VIRTUELS POUR FORMER UN RESEAU D`APPRENTISSAGE FRUCTUEUX**
[72] FARIVAR, REZA, US
[72] TAYLOR, KENNETH, US
[72] WALTERS, AUSTIN, US
[72] FORD, JOSEPH, III, US
[72] ADHIKARI, RITTIKA, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-16
[41] 2020-07-17
[30] US (16/250719) 2019-01-17

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[51] **Int.Cl. G06Q 40/02 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **TECHNIQUES TO DYNAMICALLY CREATE VALID CREDIT CARDS**
[54] **TECHNIQUES POUR CREER DE MANIERE DYNAMIQUE DES CARTES DE CREDIT VALIDES**
[72] VUKICH, ADAM, US
[72] BENKREIRA, ABDELKADER M'HAMED, US
[72] EDWARDS, JOSHUA, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-15
[41] 2020-07-18
[30] US (16/251,912) 2019-01-18

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[51] **Int.Cl. B60S 1/56 (2006.01) B60S 1/02 (2006.01)**
[25] EN
[54] **VEHICULAR WINDOW ACCESSORY**
[54] **ACCESSOIRE POUR FENETRE DE VEHICULE**
[72] BARRETT, DEVON L., CA
[72] ROSE, MARCO, CA
[71] BARRETT, DEVON L., CA
[71] ROSE, MARCO, CA
[22] 2020-01-17
[41] 2020-07-17
[30] US (62/729,482) 2019-01-17
[30] US (16/736,773) 2020-01-07

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[25] EN
[54] **METHOD OF MANAGING HEAT OF INJECTOR BACKFLOW**
[54] **METHODE DE GESTION DE LA CHALEUR DU REFOULEMENT DE L`INJECTEUR**
[72] PLAMONDON, ETIENNE, CA
[72] BERGERON, SEBASTIEN, CA
[72] RENAUD, BENJAMIN, CA
[72] GAUVREAU, JEAN-GABRIEL, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2020-01-15
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[25] EN
[54] **POWER SUPPLY UNIT FOR AEROSOL INHALER AND CONTROL METHOD AND PROGRAM OF POWER SUPPLY UNIT FOR AEROSOL INHALER**
[54] **BLOC D`ALIMENTATION POUR INHALATEUR D`AEROSOL, ET PROCEDE ET PROGRAMME DE CONTROLE DU BLOC D`ALIMENTATION POUR INHALATEUR D`AEROSOL**
[72] AKAO, TAKESHI, JP
[71] JAPAN TOBACCO INC., JP
[22] 2020-01-15
[41] 2020-07-17
[30] US (62/793,551) 2019-01-17
[30] JP (2019-035994) 2019-02-28

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[51] **Int.Cl. F21V 31/00 (2006.01) F21V 23/00 (2015.01) H01K 1/08 (2006.01)**
[25] EN
[54] **WATERPROOF DECORATIVE LAMP**
[54] **LAMPE DECORATIVE ETANCHE A L`EAU**
[72] ON, CHOW KWOK, CN
[71] LAMUES LIGHT ENTERPRISE CO., LTD., CN
[22] 2020-01-16
[41] 2020-07-18
[30] CN (201910051551.3) 2019-01-18
[30] CN (201920090241.8) 2019-01-18

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[25] EN
[54] **GRINDING WHEEL**
[54] **MEULE**
[72] TREMBLAY, CLAUDE, CA
[71] 9187-8926 QUEBEC INC., CA
[22] 2020-01-16
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[25] EN
[54] **MOBILE LABORATORY AND METHOD TO EXPEDITE REGULATORY TEST RESULTS FOR AGRICULTURAL, FOOD, AND/OR BEVERAGE PRODUCTS**
[54] **LABORATOIRE MOBILE ET PROCEDE POUR EXPEDIER LES RESULTATS DE TESTS REGLEMENTAIRES POUR PRODUITS AGRICOLES, ALIMENTAIRES ET/OU DE BOISSON**
[72] COONS, GREGORY A., US
[71] COONS, GREGORY A., US
[22] 2020-01-17
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[25] EN
[54] **FLAME RESISTANT DATA CABLES AND RELATED METHODS**
[54] **CABLES DE DONNEES INFLAMMABLES ET PROCEDES ASSOCIES**
[72] NIPPANI, RAMA, US
[72] BLAGBURN, PAULETTE, US
[72] O'BRIEN, ERIC JOSEPH, US
[72] CONRAD, JAMES SCOTT, US
[71] COMTRAN CABLE LLC, US
[22] 2020-01-17
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[30] US (16/251,712) 2019-01-18

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[25] EN
[54] **ECONOMICAL PLASTIC TOOLING CORES FOR MOLD AND DIE SETS**
[54] **PARTIES CENTRALES D`OUTILLAGE EN PLASTIQUE ECONOMIQUES POUR ENSEMBLES DE MOULES ET DE MATRICES**
[72] LAPIERRE-BOIRE, LOUIS-PHILIPPE, US
[71] A. FINKL & SONS CO., US
[22] 2020-01-17
[41] 2020-07-18
[30] US (16/251,469) 2019-01-18

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[51] **Int.Cl. G09F 7/22 (2006.01) G09F 9/30 (2006.01)**
[25] EN
[54] **SIGN HAVING A RECONFIGURABLE DISPLAY FACE**
[54] **PANNEAU AYANT UNE SURFACE D`AFFICHAGE RECONFIGURABLE**
[72] SHARDLOW, PAUL, GB
[71] FASTRAK RETAIL (UK) LIMITED, GB
[22] 2020-01-17
[41] 2020-07-17
[30] GB (1900661.8) 2019-01-17

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[25] EN
[54] **PLASTICIZER IMPROVING DYNAMIC FATIGUE PERFORMANCE IN FIBER REINFORCED ELASTOMERS**
[54] **PLASTIFIANT AMELIORANT LA PERFORMANCE DE RESISTANCE A LA FATIGUE DYNAMIQUE DANS LES ELASTOMERES RENFORCES DE FIBRES**
[72] BOHMER, ROBERT, US
[71] ABACO DRILLING TECHNOLOGIES LLC, US
[22] 2020-01-14
[41] 2020-07-15
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[25] EN
[54] **OBFUSCATION OF INFORMATION OBTAINED BY A CARD READER**
[54] **OBSCURCISSEMENT DES RENSEIGNEMENTS OBTENUS PAR UN LECTEUR DE CARTES**
[72] POST, RICHARD, US
[72] MCKINNON, NATHANIEL, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-15
[41] 2020-07-16
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[25] EN
[54] **ROOF SEAMING APPARATUS WITH MULTIPLE TOOLING STATIONS IN A MODULAR FORMAT**
[54] **APPAREIL DE SERTISSAGE DE TOIT AVEC DE MULTIPLES STATIONS D`USINAGE DANS UN FORMAT MODULAIRE**
[72] RIDER, TERRY L., US
[71] DEVELOPMENTAL INDUSTRIES, INC., US
[22] 2020-01-17
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[51] **Int.Cl. C22F 1/02 (2006.01) C22F 1/047 (2006.01)**
[25] EN
[54] **METHOD FOR AND EQUIPMENT FOR SUPPRESSING DISCOLORATION OF AL-MG PRODUCTS**
[54] **PROCEDE ET EQUIPEMENT POUR ELIMINER L`ALTERATION DES COULEURS DES PRODUITS DES ALLIAGES D`ALUMINIUM ET DE MAGNESIUM**
[72] ROMFO, ALF INGE, NO
[72] RIST, SNORRE, NO
[72] STEEN, IDAR KJETIL, NO
[72] OYEN, GEIR, NO
[72] BAUGER, OYSTEIN, NO
[72] REISO, ODDVIN, NO
[72] PETTERSEN, TANJA, NO
[71] NORSK HYDRO ASA, NO
[22] 2020-01-17
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[30] NO (NO 20190062) 2019-01-17

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[51] **Int.Cl. C23F 1/00 (2006.01) B22F 7/02 (2006.01) C23C 24/10 (2006.01) F01D 5/28 (2006.01) F01D 11/12 (2006.01)**
[25] EN
[54] **ABRASIVE COATING FOR HIGH TEMPERATURE MECHANICAL SYSTEMS**
[54] **REVETEMENT ABRASIF POUR SYSTEMES MECANIQUES A HAUTE TEMPERATURE**
[72] SHUCK, QUINLAN YEE, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2020-01-17
[41] 2020-07-17
[30] US (16/250,752) 2019-01-17

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[25] EN
[54] **CONTAINER AND BOTTOM END CONSTRUCTION THEREFOR**
[54] **RECIPIENT ET SA PARTIE INFERIEURE**
[72] SMITH, ARRON, US
[72] SHARP, TIM, US
[72] ROBERTSON, RONALD, US
[72] BELL, PHILLIP, US
[72] SULLINS, JOHN, US
[71] HUHTAMAKI, INC., US
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[54] **CONCRETE SENSOR SYSTEM**
[54] **SYSTEME DE CAPTEUR DE LA BETONNIERE**
[72] DATEMA, BRYAN S., US
[72] CLIFTON, CODY D., US
[72] VAGLE, JARROD M., US
[72] GONG, XIANG, US
[72] WEI, ZHENYI, US
[71] OSHKOSH CORPORATION, US
[22] 2020-01-17
[41] 2020-07-17
[30] US (62/793,680) 2019-01-17
[30] US (16/743,784) 2020-01-15

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[51] **Int.Cl. B60P 3/16 (2006.01)**
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[54] **CONCRETE DRUM MODES**
[54] **MODES DU TAMBOUR DE LA BETONNIERE**
[72] DATEMA, BRYAN S., US
[72] CLIFTON, CODY D., US
[72] WEI, ZHENYI, US
[72] DUNN, KEVIN, US
[71] OSHKOSH CORPORATION, US
[22] 2020-01-17
[41] 2020-07-17
[30] US (62/793,655) 2019-01-17
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[51] **Int.Cl. G08B 13/196 (2006.01) H04N 21/80 (2011.01) G06Q 10/00 (2012.01) G06T 7/00 (2017.01) H04N 7/18 (2006.01)**
[25] EN
[54] **INVESTIGATION GENERATION IN AN OBSERVATION AND SURVEILLANCE SYSTEM**
[54] **RECHERCHE DE VERIFICATION DANS UN SYSTEME D`OBSERVATION ET DE SURVEILLANCE**
[72] CAREY, JAMES, US
[71] CAREY, JAMES, US
[22] 2020-01-17
[41] 2020-07-18
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[51] **Int.Cl. H04L 9/32 (2006.01) H04W 4/02 (2018.01) H04W 12/06 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR AUTHENTICATION VIA LOCATION MONITORING**
[54] **PROCEDE ET SYSTEME D`AUTHENTIFICATION PAR LA SURVEILLANCE DE LA LOCALISATION**
[72] DOUGLAS, HUTCH, US
[72] HAMBURG, KEITH, US
[72] LIU, YA, US
[71] CAPITAL ONE SERVICES, LLC, US
[22] 2020-01-16
[41] 2020-07-16
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[25] EN
[54] **MULTI-CARTRIDGE VAPORIZER**
[54] **VAPORISATEUR A CARTOUCHES MULTIPLES**
[72] WILSON, SCOTT H., US
[72] ETTENSON, GREG, US
[72] PUHALLA, DENNIS M., US
[72] IAVICOLI, MATTEO, US
[72] PAULSEN, GARY HARLAN, US
[72] ALSBERG, KEITH, US
[71] LOOP LABORATORIES, LLC, US
[22] 2020-01-17
[41] 2020-07-18
[30] US (62/794411) 2019-01-18
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[51] **Int.Cl. H02G 11/00 (2006.01) H01R 25/16 (2006.01) H02J 4/00 (2006.01)**
[25] EN
[54] **OVERHEAD ELECTRICAL INFEED**
[54] **ALIMENTATION ELECTRIQUE AERIENNE**
[72] BYRNE, NORMAN R., US
[72] WARD, JOSEPH D., US
[72] ROGERS, SHANE, US
[72] KOLOMYJEC, BETH L., US
[71] BYRNE, NORMAN R., US
[22] 2020-01-17
[41] 2020-07-18
[30] US (62/794524) 2019-01-18
[30] CA (3030663) 2019-01-18
[30] US (16/253001) 2019-01-21

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[51] **Int.Cl. B81C 1/00 (2006.01) B81B 1/00 (2006.01) H01L 41/22 (2013.01) H04R 17/00 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD FOR MULTIPLE MEMS SOUND TRANSDUCERS**
[54] **PROCEDE DE FABRICATION DE MULTIPLES TRANSDUCTEURS ACOUSTIQUES DE SYSTEMES MICROELECTROMECANIQUES**
[72] RUSCONI CLERICI BELTRAMI, ANDREA, AT
[72] BOTTONI, FERRUCCIO, AT
[72] RENAUD-BEZOT, NICK, AT
[71] USOUND GMBH, AT
[22] 2020-01-16
[41] 2020-07-17
[30] DE (10 2019 101 227.9) 2019-01-17
[30] DE (10 2019 101 325.9) 2019-01-18

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[13] A1
[51] **Int.Cl. G03H 1/02 (2006.01) G03H 1/22 (2006.01) G03H 1/24 (2006.01) G09F 13/04 (2006.01)**
[25] EN
[54] **APPARATUS FOR DISPLAYING A HOLOGRAPHIC IMAGE AND HOLOGRAM-PRESENTING TRANSPARENT MEDIUM**
[54] **APPAREIL D`AFFICHAGE D`IMAGES HOLOGRAPHIQUES ET SUPPORT TRANSPARENT POUR PRESENTATION D`HOLOGRAMMES**
[72] TYDDA, EDWARD, US
[71] TYDDA, EDWARD, US
[22] 2020-01-18
[41] 2020-07-18
[30] US (16746856) 2019-01-18
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[51] **Int.Cl. B01D 53/52 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR REMOVING H2S SCAVENGERS FROM A FLUID STREAM**
[54] **METHODE ET APPAREIL POUR RETIRER LES AGENTS EXTINCTEURS DU SULFURE D'HYDROGENE D'UN COURANT FLUIDE**
[72] HORTON, DAVID, CA
[71] CANADIAN ENERGY SERVICES L.P., CA
[22] 2020-02-13
[41] 2020-07-14
[30] US (62/805,719) 2019-01-14
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[25] EN
[54] **PEAKED ROOFING PALLETS**
[54] **PALETTES DE TOITURE EN POINTE**
[72] SMITH, DANIEL W., US
[72] NEAGLI, JEFFREY, US
[71] SMITH, DANIEL W., US
[71] NEAGLI, JEFFREY, US
[22] 2020-02-24
[41] 2020-07-15
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[25] EN
[54] **STRATEGY SEARCHING IN STRATEGIC INTERACTION BETWEEN PARTIES**
[54] **RECHERCHE DE STRATEGIE DANS L`INTERACTION STRATEGIQUE ENTRE DES PARTIES**
[72] LI, HUI, CN
[72] HU, KAILIANG, CN
[72] SONG, LE, CN
[71] ALIBABA GROUP HOLDING LIMITED, KY
[85] 2019-10-23
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[87] (3059744)

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[54] **LIGHT SCATTERING DETECTORS AND METHODS FOR THE SAME**
[54]
[72] HANEY, MAX, US
[72] MURPHY, MICHAEL P., US
[71] M & J SCIENTIFIC, LLC, US
[85] 2020-04-16
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[25] EN
[54] **METHOD AND SYSTEM FOR PREPARING BATTERY GRADE AND HIGH PURITY GRADE LITHIUM HYDROXIDE AND LITHIUM CARBONATE FROM HIGH-IMPURITY LITHIUM SOURCES**
[54] **PROCEDE ET SYSTEME DE PREPARATION D'HYDROXYDE DE LITHIUM DE QUALITE SUPERIEURE POUR BATTERIES ET DE CARBONATE DE LITHIUM A PARTIR DE SOURCESDE LITHIUM A FORTE TENEUR EN IMPURETES**
[72] DAI, YIHUA, CN
[72] CAI, RONGFU, CN
[72] BAN, WENJUN, CN
[72] YANG, CHUNHUI, CN
[72] WANG, XINGLONG, CN
[72] LI, YUNFENG, CN
[72] LI, YALI, CN
[72] ZHENG, CHUANYONG, CN
[72] MENG, QIANG, CN
[72] JIANG, HONGJUN, CN
[71] CHENGDU CHEMPHYS CHEMICAL INDUSTRY CO., LTD, CN
[71] SINOLITHIUM MATERIALS LIMITED, HK
[85] 2020-04-06
[86] 2019-05-16 (PCT/CN2019/087170)
[87] (3077834)
[30] CN (201910048646.X) 2019-01-18

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[54] **METHOD FOR PRIORITIZING DATA PROCESSING OF A PLURALITY OF ULTRASONIC SCAN DATA FILES**
[54] **METHODE POUR ETABLIR LA PRIORITE DU TRAITEMENT DES DONNEES D'UNE MAJORITE DE FICHIERS DE DONNEES DE BALAYAGE ULTRASONIQUE**
[72] DAVIS, JOHN MARK, US
[72] COBBS, ARCHIBALD LEACH, US
[72] HANSEN, CHARLES ALLAN, US
[72] BUBLITZ, NICHOLAS JAMES, US
[72] DAVIS, SAMUEL MATTHEW, US
[71] VERIPHASE, INC., US
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[25] EN
[54] **FOOD AND BEVERAGE COMPOSITIONS COMPRISING PDE5 INHIBITORS**
[54] **COMPOSITIONS ALIMENTAIRES ET DE BOISSON COMPRENANT DES INHIBITEURS DE PDE5**
[72] DOCHERTY, JOHN, CA
[72] BUNKA, CHRISTOPHER ANDREW, CA
[71] POVIVA TEA, LLC, US
[85] 2020-05-04
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[54] **CENTRIFUGEUSE**
[72] KLEIMANN, THOMAS, DE
[72] BATHELT, THOMAS, DE
[72] BARTSCHER, AXEL, DE
[71] GEA MECHANICAL EQUIPMENT GMBH, DE
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[54] **KNIFE SHARPENING DEVICE**
[54] **DISPOSITIF D'AFFUTAGE DE COUTEAU**
[72] MADER, SEBASTIAN, DE
[71] ZWILLING J. A. HENCKELS AG, DE
[85] 2020-05-21
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[54] **PNEUMATIC SINGLE-GRAIN SOWING MACHINE**
[54] **SEMOIR MONOGRAINE PNEUMATIQUE**
[72] BULMAHN, SIMON, DE
[72] WIEN, THOMAS, DE
[71] AMAZONEN-WERKE H. DREYER GMBH & CO. KG, DE
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[54] **AREA OF USE IN TIDAL MANIPULATION**
[54] **ZONE D'UTILISATION POUR MANIPULATION DE MAREE**
[72] LOMBARD, PETER THOMAS, GI
[71] LOMBARD, PETER THOMAS, GI
[85] 2020-05-08
[86] 2018-07-10 (PCT/EP2018/000351)
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[25] EN
[54] **A WELLBORE TOOL AND A TOOL SECTION INTERCONNECTION FLUID COUPLING**
[54] **OUTIL DE PUITS DE FORAGE ET COUPLAGE DE FLUIDE D'INTERCONNEXION DE SECTION D'OUTIL**
[72] ARMSTRONG, KENNY, GB
[71] C6 TECHNOLOGIES AS, NO
[85] 2020-06-09
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[51] **Int.Cl. G06K 19/067 (2006.01) G06K 19/077 (2006.01) G06K 19/12 (2006.01) G06K 19/14 (2006.01)**
[25] EN
[54] **EFFICIENT, SECURE, AND SAFE SYSTEM AND METHOD FOR STORING AND MONITORING DATA USED FOR REFILLING COMPRESSED-GAS TANKS**
[54] **SYSTEME ET PROCEDE EFFICACES, SECURISES ET SURS PERMETTANT DE STOCKER ET DE SURVEILLER DES DONNEES UTILISEES POUR REMPLIR DES RESERVOIRS DE GAZ COMPRIME**
[72] DURAK, TAHSIN, US
[72] BAYAT, ANTHONY B., US
[72] SAYRE, MICHAEL R., US
[72] ADAMS, VINCENT P., US
[71] BAUER COMPRESSORS, INC., US
[85] 2020-06-09
[86] 2018-11-15 (PCT/US2018/000389)
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[25] EN
[54] **MODULAR BOOST SYSTEM FOR A JACK**
[54] **SYSTEME D'AMPLIFICATION MODULAIRE POUR UN VERIN**
[72] SREDENSEK, HERWIG MICHAEL, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-06-09
[86] 2018-01-16 (PCT/US2018/013829)
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[51] **Int.Cl. A61K 31/22 (2006.01) A61K 31/225 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **IMPROVED METHOD FOR REMOVING BACTERIAL BIOFILMS AND TREATING TISSUE**
[54] **METHODE AMELIOREES D'ELIMINATION DE BIOFILMS BACTERIENS ET DE TRAITEMENT DE TISSU**
[72] PALMER, CHARLES F., JR., US
[72] CAMPBELL, THOMAS WILLIAM JR., US
[71] INFECTION ELIMINATION SOLUTIONS, LLC, US
[85] 2020-06-09
[86] 2018-10-18 (PCT/US2018/056509)
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[51] **Int.Cl. A63B 22/06 (2006.01) B62M 1/38 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR SELECTIVELY ROTATIONALLY FIXING A PEDALED DRIVETRAIN**
[54] **SYSTEMES ET PROCEDES PERMETTANT DE FIXER UNE TRANSMISSION A PEDALES D'UNE MANIERE AUTORISANT SELECTIVEMENT LA ROTATION**
[72] WROBEL, DAVID, US
[71] ICON HEALTH & FITNESS, INC., US
[85] 2020-06-09
[86] 2018-12-07 (PCT/US2018/064582)
[87] (WO2019/113521)
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[25] EN
[54] **PHAGE DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE PHAGE**
[72] MERRIL, CARL, US
[72] MERRIL, GREG, US
[71] ADAPTIVE PHAGE THERAPEUTICS, INC., US
[85] 2020-06-09
[86] 2018-12-10 (PCT/US2018/064645)
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[51] **Int.Cl. G06F 17/00 (2019.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR CHATBOT GENERATION**
[54] **SYSTEMES ET PROCEDES DE GENERATION D'AGENT CONVERSATIONNEL**
[72] MAZZA, ARNON, IL
[72] FAIZAKOF, AVRAHAM, IL
[72] LEV-TOV, AMIR, IL
[72] TAPUHI, TAMIR, IL
[72] KONIG, YOCHAI, US
[71] GREENEDEN U.S. HOLDINGS II, LLC, US
[85] 2020-06-09
[86] 2018-12-11 (PCT/US2018/064810)
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[51] **Int.Cl. A01K 15/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR APPLYING, MONITORING, AND ADJUSTING A STIMULUS TO A PET**
[54] **PROCEDE ET APPAREIL POUR APPLIQUER, SURVEILLER ET AJUSTER UN STIMULUS A UN ANIMAL DE COMPAGNIE**
[72] SELTZER, RICHARD, US
[72] WEYBRECHT, STEPHEN, US
[72] MAININI, CHRISTOPHER E., US
[72] TYNDALL, PATRICK, US
[71] RADIO SYSTEMS CORPORATION, US
[85] 2020-06-09
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[51] **Int.Cl. C07K 16/28 (2006.01) G01N 33/50 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING ENDOCRINE FGF23-LINKED DISEASES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT OU DE PREVENTION DE MALADIES LIEES AU FGF ENDOCRINIEN**
[72] SCHLESSINGER, JOSEPH, US
[72] LEE, SANGWON, US
[72] SCHLESSINGER, AVNER, US
[72] UNG, MAN-UN, US
[71] YALE UNIVERSITY, US
[71] ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI, US
[85] 2020-06-09
[86] 2018-12-12 (PCT/US2018/065236)
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[51] **Int.Cl. A61K 8/34 (2006.01) A61K 8/92 (2006.01) A61Q 19/10 (2006.01)**
[25] EN
[54] **PERSONAL CARE COMPOSITIONS**
[54] **COMPOSITIONS DE SOIN PERSONNEL**
[72] DEWDNEY, NADINE, US
[72] KULKARNI, POOJA, US
[72] BOYKE, CHRISTINE, US
[72] LESNIAK, EWELINA, US
[72] KOZUBAL, CHERYL, US
[72] NYARKO, SAMUEL, US
[72] JHA, BRAJESH, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2020-06-09
[86] 2018-12-13 (PCT/US2018/065336)
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[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **DYNAMIC DOSING SYSTEMS FOR PHOTOTHERAPY AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **SYSTEMES DE DOSAGE DYNAMIQUE POUR LA PHOTOTHERAPIE ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
[72] MOFFAT, WILLIAM ALEXANDER, US
[72] WEN, SEN, US
[72] ARNSDORF, LINDA COX, US
[72] CALHOUN, EBEN LYNN FALCONER, US
[71] BENESOL, INC., US
[85] 2020-06-09
[86] 2018-12-13 (PCT/US2018/065537)
[87] (WO2019/118773)
[30] US (62/599,242) 2017-12-15
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[51] **Int.Cl. A61N 5/06 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR OPERATING PHOTOTHERAPY KIOSKS**
[54] **SYSTEMES ET PROCEDES DE FONCTIONNEMENT DE KIOSQUES DE PHOTOTHERAPIE**
[72] MOFFAT, WILLIAM ALEXANDER, US
[72] WEN, SEN, US
[72] KIRKWOOD, KEITH W., US
[72] ARNSDORF, LINDA COX, US
[71] BENESOL, INC., US
[85] 2020-06-09
[86] 2018-12-13 (PCT/US2018/065542)
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[30] US (62/599,252) 2017-12-15
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[25] EN
[54] **SUBSTITUTED INDOLE ETHER COMPOUNDS**
[54] **COMPOSES D'ETHER INDOLE SUBSTITUES**
[72] DYCKMAN, ALARIC J., US
[72] WHITELEY, BRIAN K., US
[72] DODD, DHARMPAL S., US
[72] HAQUE, TASIR SHAMSUL, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-09
[86] 2018-12-14 (PCT/US2018/065591)
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[25] EN
[54] **CYCLIC DINUCLEOTIDES AS STING AGONISTS**
[54] **DINUCLEOTIDES CYCLIQUES UTILISES EN TANT QU'AGONISTES DE STING**
[72] BEIGELMAN, LEONID, US
[72] BIGNAN, GILLES, US
[72] CONNOLLY, PETER J., US
[72] EDWARDS, JAMES PATRICK, US
[72] EMANUEL, STUART, US
[72] LAQUERRE, SYLVIA, US
[72] RICHTER, MARK, US
[72] SCHEPENS, WIM BERT GRIET, BE
[72] THATIKONDA, SANTHOSH KUMAR, US
[72] THURING, JOHANNES WILHELMUS JOHN FITZGERALD, BE
[72] VIELLEVOYE, MARCEL, BE
[72] WANG, GUANGYI, US
[72] ZHONG, MINGHONG, US
[71] JANSSEN BIOTECH, INC., US
[85] 2020-06-09
[86] 2018-12-14 (PCT/US2018/065677)
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[51] **Int.Cl. A61F 9/007 (2006.01)**
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[54] **DEVICES AND METHODS FOR OCULAR SURGERY**
[54] **DISPOSITIFS ET PROCEDES POUR LA CHIRURGIE OCULAIRE**
[72] SCHALLER, MICHAEL P., US
[72] BENTLEY, PETER, US
[72] CLAUSON, LUKE W., US
[72] GUGUCHKOVA, MARIA TSONTCHEVA, US
[72] NEWELL, MATTHEW, US
[72] LARSON, ADAM, US
[71] CARL ZEISS MEDITEC CATARACT TECHNOLOGY INC., US
[85] 2020-06-09
[86] 2018-12-14 (PCT/US2018/065800)
[87] (WO2019/118901)
[30] US (62/598,857) 2017-12-14
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[51] **Int.Cl. A62C 11/00 (2006.01) A62C 2/00 (2006.01) A62C 3/02 (2006.01) A62C 13/62 (2006.01) A62C 13/66 (2006.01) A62C 25/00 (2006.01) B64D 1/16 (2006.01)**
[25] EN
[54] **FIRE RESISTANT AERIAL VEHICLE FOR SUPPRESSING WIDESPREAD FIRES**
[54] **VEHICULE AERIEN RESISTANT AUX INCENDIES PERMETTANT D'ETEINDRE DES INCENDIES ETENDUS**
[72] THOMAS, MICHAEL S., US
[71] ADAPTIVE GLOBAL SOLUTIONS, LLC, US
[85] 2020-06-09
[86] 2018-12-14 (PCT/US2018/065816)
[87] (WO2019/118908)
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[51] **Int.Cl. C07D 409/14 (2006.01) C07D 417/14 (2006.01) C08F 120/10 (2006.01) C08F 120/52 (2006.01) C08J 5/18 (2006.01) H01G 4/00 (2006.01) H01G 4/18 (2006.01)**
[25] EN
[54] **OLIGOMERIC DIELECTRIC MATERIALS AND CAPACITOR THEREOF**
[54] **MATERIAUX DIELECTRIQUES OLIGOMERES ET CONDENSATEUR DE CEUX-CI**
[72] EDDER, CARINE, US
[71] CAPACITOR SCIENCES INCORPORATED, US
[85] 2020-06-09
[86] 2018-12-14 (PCT/US2018/065840)
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[30] US (15/844,364) 2017-12-15

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[51] **Int.Cl. A61K 8/60 (2006.01) A61K 8/64 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL HEALTH COMPOSITION COMPRISING PURIFIED BIOSURFACTANTS AND/OR THEIR DERIVATIVES**
[54] **COMPOSITION DE SANTE BUCCALE COMPRENANT DES BIOTENSIOACTIFS PURIFIES ET/OU LEURS DERIVES**
[72] FARMER, SEAN, US
[72] ALIBEK, KEN, US
[72] TSKHAY, ALBINA, US
[71] LOCUS IP COMPANY, LLC, US
[85] 2020-06-09
[86] 2018-12-16 (PCT/US2018/065894)
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[30] US (62/611,268) 2017-12-28

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[51] **Int.Cl. C11D 3/386 (2006.01) C11D 7/42 (2006.01) C12N 9/54 (2006.01)**
[25] EN
[54] **AUTOMATIC DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT POUR LAVE-VAISSELLE AUTOMATIQUE**
[72] JACKSON, MICHELLE, GB
[72] PEREZ-PRAT DE VINUESA, EVA MARIA, GB
[72] TARBIT, DAVID JOHN, GB
[72] SOUTER, PHILIP FRANK, GB
[72] BABE, LILIA MARIA, US
[72] ESTELL, DAVID AARON, US
[72] GOEDEGEBUUR, FRITS, US
[72] MULDER, HARM JAN, US
[72] PRICELIUS, SINA, US
[72] DANKMEYER, LYIDA, US
[72] KAPER, THIJS, US
[72] ENGIN, HATICE BILLUR, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-06-09
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[51] **Int.Cl. C12N 9/54 (2006.01) C11D 3/386 (2006.01)**
[25] EN
[54] **AUTOMATIC DISHWASHING DETERGENT COMPOSITION**
[54] **COMPOSITION DE DETERGENT POUR LAVE-VAISSELLE**
[72] JACKSON, MICHELLE, GB
[72] PEREZ-PRAT DE VINUESA, EVA MARIA, GB
[72] TARBIT, DAVID JOHN, GB
[72] SOUTER, PHILIP FRANK, GB
[72] BABE, LILIA MARIA, US
[72] ESTELL, DAVID AARON, US
[72] GOEDEGEBUUR, FRITS, US
[72] MULDER, HARM JAN, US
[72] PRICELIUS, SINA, US
[72] DANKMEYER, LYIDA, US
[72] KAPER, THIJS, US
[72] ENGIN, HATICE BILLUR, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[30] EP (17208474.1) 2017-12-19

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/407 (2006.01) A61P 37/00 (2006.01) C07D 209/12 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 403/10 (2006.01) C07D 403/14 (2006.01) C07D 405/12 (2006.01) C07D 405/14 (2006.01) C07D 417/12 (2006.01) C07D 417/14 (2006.01) C07D 453/02 (2006.01) C07D 471/04 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01)**
[25] EN
[54] **AMIDE SUBSTITUTED INDOLE COMPOUNDS USEFUL AS TLR INHIBITORS**
[54] **COMPOSES D'INDOLE A SUBSTITUTION AMIDE UTILES EN TANT QU'INHIBITEURS DE TLR**
[72] DYCKMAN, ALARIC J., US
[72] DODD, DHARMPAL S., US
[72] MUSSARI, CHRISTOPHER P., US
[72] SHERWOOD, TREVOR C., US
[72] HAQUE, TASIR SHAMSUL, US
[72] POSY, SHOSHANA L., US
[72] KUMAR, SREEKANTHA RATNA, IN
[72] PASUNOORI, LAXMAN, IN
[72] HEGDE, SUBRAMANYA, IN
[72] ANUMULA, RUSHITH KUMAR, IN
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-09
[86] 2018-12-18 (PCT/US2018/066106)
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[51] **Int.Cl. C07D 401/04 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 11/06 (2006.01) A61P 35/00 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **PYRAZOLE N-LINKED CARBAMOYL CYCLOHEXYL ACIDS AS LPA ANTAGONISTS**
[54] **ACIDES CARBAMOYLE CYCLOHEXYLIQUES A LIAISON N PYRAZOLE UTILISES EN TANT QU'ANTAGONISTES DE LPA**
[72] SHI, YAN, US
[72] CHENG, PETER TAI WAH, US
[72] WANG, YING, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-09
[86] 2018-12-18 (PCT/US2018/066110)
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[30] US (62/607,541) 2017-12-19

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[72] HUANG, HUASHENG, US
[72] HU, WEI, US
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[71] BECTON, DICKINSON AND COMPANY, US
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[54] **DISPOSITIF DE COLLECTE DE TARTRE POUR REACTEURS A COURANT DESCENDANT**
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[72] CHEN, PENGFEI, US
[71] UOP LLC, US
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[54] **QUINAZOLINONES EN TANT QU'INHIBITEURS DE PARP14**
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[72] VASBINDER, MELISSA MARIE, US
[72] KUNTZ, KEVIN WAYNE, US
[72] SWINGER, KERREN KALAI, US
[71] RIBON THERAPEUTICS INC., US
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[54] **SERINGUE A FAIBLE COUT DOTEE D'ELEMENTS CONSTITUTIFS DURABLES ET JETABLES**
[72] LIMAYE, AMIT, US
[72] SHAMSUNDER, GIRIDHAR, US
[72] RAVINDRANATH, RAGHAVENDRANATH, IN
[72] KUMAR, AMIT, IN
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **OTOSCOPE AYANT UN AFFICHAGE ELECTRONIQUE A FAIBLE OBSTRUCTION**
[72] REBELLA, GREG, US
[72] BERBEE, JAMES, US
[72] HAMEDANI, AZITA, US
[72] LOPER, CAMERON, US
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[54] **INHIBITEURS HETEROBIFONCTIONNELS DE E-SELECTINE ET DE GALECTINE -3**
[72] MAGNANI, JOHN L., US
[72] PETERSON, JOHN M., US
[72] SARKAR, ARUN K., US
[72] VOHRA, YUSUFBHAI U., US
[72] YANG, HONG-WOON, US
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[54] **VALORISATION DE MELANGES D'HUILE DE FUSEL SUR DES CATALYSEURS HETEROGENES EN PRODUITS CHIMIQUES RENOUVELABLES DE PLUS GRANDE VALEUR**
[72] SMITH, JONATHAN O., US
[71] GEVO, INC., US
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[54] **SYSTEME DE DETECTION DE MALADIE DANS DES PLANTES**
[72] GOLD, KAITLIN M., US
[72] GEVENS, AMANDA J., US
[72] TOWNSEND, PHILIP A., US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
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[54] **STRATIFIE AYANT DES PROPRIETES DE BARRIERE CONTRE L'OXYGENE ET PROCEDE DE PRODUCTION DE CELUI-CI**
[72] SAUKKONEN, ESA, FI
[72] HEISKANEN, ISTO, FI
[72] RIBU, VILLE, FI
[71] STORA ENSO OYJ, FI
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[54] **PROCEDE DE PRODUCTION DE CORPS MOULES A PARTIR D'UN MATERIAU POREUX IMPREGNE DE POLYSULFURE**
[72] BAYER, DOMNIK, DE
[72] ZERPA UNDA, JESUS ENRIQUE, DE
[72] JABCZYNSKI, WOLFGANG, DE
[72] TER MAAT, JOHAN, DE
[71] BASF SE, DE
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[54] **COMPOSITION AND METHOD FOR CONFERRING AND/OR ENHANCING HERBICIDE TOLERANCE USING VARIANTS OF PROTOPORPHYRINOGEN IX OXIDASE FROM CYANOBACTERIA**
[54] **COMPOSITION ET PROCEDE PERMETTANT DE CONFERER UNE TOLERANCE AUX HERBICIDES ET/OU D'AMELIORER LA TOLERANCE AUX HERBICIDES A L'AIDE DE VARIANTS DE PROTOPORPHYRINOGENE IX OXYDASE DERIVES DE S YNECHOCYSTIS**
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[72] YOON, JOONSEON, KR
[72] PARK, JOONGHYUK, KR
[72] AHN, YOUNG OCK, KR
[72] WOO, JOO YONG, KR
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[54] **FILM MULTICOUCHE INCLUANT UN POLYMERE FLUORE ET SON UTILISATION POUR UN EMBALLAGE REFERMABLE**
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[72] PUCHOIS, ROMAIN, FR
[71] BOSTIK SA, FR
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[72] ROMEC, CHRISTIAN, FR
[72] OTHOMENE, RENAUD, FR
[71] LATECOERE, FR
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[72] SCHELLEKENS, MICHAEL ARNOLDUS JACOBUS, NL
[72] DE BONT, JOHANNES HENDRIKUS, NL
[72] BARBOSA, JOHN, NL
[72] CRONIN, JON ANDREW, NL
[72] SHEARER, CHARLES, NL
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[72] OVERBEEK, GERARDUS CORNELIS, NL
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[54] **NANOPARTICULES DESTINEES A ETRE UTILISEES DANS L'AMELIORATION DES PERFORMANCES CEREBRALES OU DANS LE TRAITEMENT DU STRESS**
[72] POTTIER, AGNES, FR
[72] LEVY, LAURENT, FR
[72] MEYRE, MARIE-EDITH, FR
[71] NANOBIOTIX, FR
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[54] **PROCEDE POUR UNE MEILLEURE UTILISATION DE RESEAUX D'ENERGIE**
[72] ROSEN, PER, SE
[71] BRUNNSHOG ENERGI AB, SE
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[54] **SYSTEME MEDICAL ET PROCEDE DE FABRICATION**
[72] KONYA, AHMET, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
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[54] **COMPOSITION UTILE EN TANT QUE MODIFICATEUR DE FROTTEMENT**
[72] YAVARI, KEIHANN, FR
[72] VAN HECKE, LIEVEN, BE
[72] CULLEY, SCOTT A., US
[72] SHANAHAN, CHARLES, US
[72] NUCKOLS, MICHEL, US
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[54] **SYSTEME DE FIXATION DOUBLE POUR UNE PROTHESE SUR DES IMPLANTS DENTAIRES QUI PERMET A LA PROTHESE D'ETRE VISSEE OU RETENUE PAR BRIDE SELON LES BESOINS**
[72] CUESTA GARCIA, JULIAN, ES
[71] CUESTA GARCIA, JULIAN, ES
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[72] BAMBERGER, MARK, J., US
[72] SMUKSTE, INESE, US
[71] STEALTH BIOTHERAPEUTICS CORP., MC
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[54] **SYSTEME DE VALIDATION DE COMPTE**
[72] PARKER, SEAN, US
[72] AKKARAJU, PREM, US
[71] SCREENING ROOM MEDIA, INC., US
[85] 2020-06-12
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[54] **CD19 VARIANTS**
[54] **VARIANTS DE CD19**
[72] LOBB, ROY, US
[72] RENNERT, PAUL, US
[72] HACKEL, BENJAMIN, US
[72] KLESMITH, JUSTIN, US
[71] ALETA BIOTHERAPEUTICS INC., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **CIRCUIT D'EXCITATION ET CIRCUIT DE COMMANDE DE TRANSDUCTEUR ACOUSTIQUE**
[72] LIPKENS, BART, US
[72] MUSIAK, RONALD, US
[72] ARTIS, JOHN, US
[71] FLODESIGN SONICS, INC., US
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[54] **PREPARATIONS DE PARASITICIDES A BASE D'ISOXAZOLINE ET METHODES DE TRAITEMENT DE LA BLEPHARITE**
[72] HICKOK, SHAWN D., US
[72] AZAMIAN, BOBAK ROBERT, US
[72] VEHIGE, JOSEPH G., US
[72] ACKERMANN, DOUGLAS MICHAEL, US
[71] TARSUS PHARMACEUTICALS, INC., US
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[54] **INHIBITEURS DE LA PROTEINE D'ACTIVATION DES FIBROBLASTES**
[72] ALFARO, JENNIFER, CL
[72] BELMAR, SEBASTIAN, CL
[72] BERNALES, SEBASTIAN, US
[72] PUJALA, BRAHMAM, US
[72] PANPATIL, DAYANAND, US
[72] BHATT, BHAWANA, US
[71] PRAXIS BIOTECH LLC, US
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[54] **SYSTEME ET PROCEDE D'APPRENTISSAGE DE MORTALITE**
[72] MARK WOOD, STEPHEN, AU
[71] PINNACLE RISK SOLUTIONS PTY LTD, AU
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[54] **COMPOSES DE 4-AZAINDOLE**
[72] DYCKMAN, ALARIC J., US
[72] DODD, DHARMPAL S., US
[72] MUSSARI, CHRISTOPHER P., US
[72] SHERWOOD, TREVOR C., US
[72] WHITELEY, BRIAN K., US
[72] GILMORE, JOHN L., US
[72] KUMAR, SREEKANTHA RATNA, IN
[72] PASUNOORI, LAXMAN, IN
[72] SRINIVAS, PITANI VEERA VENKATA, IN
[72] DURAISAMY, SRINIVASAN KUNCHITHAPATHAM, IN
[72] HEGDE, SUBRAMANYA, IN
[72] ANUMULA, RUSHITH KUMAR, IN
[71] BRISTOL-MYERS SQUIBB COMPANY, US
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[54] **DEVICES AND METHODS OF CALCULATING AND DISPLAYING CONTINUOUSLY MONITORED TIDAL BREATHING FLOW-VOLUME LOOPS (TBFVL) OBTAINED BY NON-INVASIVE IMPEDANCE-BASED RESPIRATORY VOLUME MONITORING**
[54] **DISPOSITIFS ET PROCEDES DE CALCUL ET D'AFFICHAGE DE COURBES DEBIT-VOLUME RESPIRATOIRES (TBFVL) SURVEILLEES DE MANIERE CONTINUE, OBTENUES PAR SURVEILLANCE NON INVASIVE DU VOLUME RESPIRATOIRE BASEE SUR UNE IMPEDANCE**
[72] BRAYANOV, JORDAN, US
[72] FREEMAN, JENNY, US
[72] HARVEY, BRIAN, US
[72] QIU, CHUNYUAN, US
[72] CHEUNG, MAN CHING, US
[72] IMSIROVIC, JASMIN, US
[71] RESPIRATORY MOTION, INC., US
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[30] US (62/599,153) 2017-12-15

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[51] **Int.Cl. F16M 13/02 (2006.01) F16M 11/04 (2006.01)**
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[54] **SCREEN MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE D'ECRAN**
[72] BREMMON, JEFF, US
[71] MILESTONE AV TECHNOLOGIES LLC, US
[85] 2020-06-15
[86] 2018-12-17 (PCT/US2018/066094)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS OF FLURBIPROFEN AND 5-HT1 - RECEPTOR AGONISTS**
[54] **COMPOSITIONS PHARMACEUTIQUES DE FLURBIPROFENE ET D'AGONISTES DU RECEPTEUR 5-HT1**
[72] TURKYILMAZ, ALI, TR
[72] MISIRLI, MELDA, TR
[72] TUNCAY, EMINE, TR
[72] YILDIRIM, EDIZ, TR
[71] SANOVEL ILAC SANAYI VE TICARET ANONIM SIRKETI, TR
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[54] **METHOD AND APPARATUS FOR REMOVING PARTICULATES FROM A FLUID**
[54] **PROCEDE ET APPAREIL POUR L'ELIMINATION DE MATIERES PARTICULAIRES D'UN FLUIDE**
[72] WILLIAMS, DAVID, AU
[71] SPINEX PTY LTD, AU
[85] 2020-06-15
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[25] EN
[54] **TRANSMISSION LINE RESONATOR COUPLING**
[54] **COUPLAGE DE RESONATEUR DE LIGNE DE TRANSMISSION**
[72] JEFFREY, EVAN, US
[72] KELLY, JULIAN SHAW, US
[71] GOOGLE LLC, US
[85] 2020-06-15
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[54] **REFINING QUBIT CALIBRATION MODELS USING SUPERVISED LEARNING**
[54] **AFFINAGE DE MODELES D'ETALONNAGE DE BITS QUANTIQUES A L'AIDE D'UN APPRENTISSAGE SUPERVISE**
[72] KLIMOV, PAUL, US
[72] KELLY, JULIAN SHAW, US
[71] GOOGLE LLC, US
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[54] **MODE-SELECTABLE BACKLIGHT, PRIVACY DISPLAY, AND METHOD**
[54] **RETROECLAIRAGE A SELECTION DE MODE, DISPOSITIF D'AFFICHAGE DE CONFIDENTIALITE, ET PROCEDE**
[72] FATTAL, DAVID A., US
[72] MA, MING, US
[72] LI, XUEJIAN, US
[71] LEIA INC., US
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[54] **SYSTEM AND METHOD FOR A FLEXIBLE PIPE CONTAINMENT SLED**
[54] **SYSTEME ET PROCEDE POUR COULISSE DE CONFINEMENT DE TUYAU FLEXIBLE**
[72] BARNETT, ALEXANDER RYAN, US
[72] HEGLER, MATTHEW ALLEN, US
[71] TRINITY BAY EQUIPMENT HOLDINGS, LLC, US
[85] 2020-06-15
[86] 2018-08-02 (PCT/US2018/044969)
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[54] **SUBSTITUTED PYRROLIDINE AMIDES I**
[54] **PYRROLIDINE AMIDES I SUBSTITUES**
[72] JAKOB, FLORIAN, DE
[72] ALEN, JO, BE
[72] KRUGER, SEBASTIAN, DE
[72] SCHADE, MARKUS, DE
[72] FRIEBE, DANIELA, DE
[72] HENNEN, STEPHANIE, DE
[71] GRUNENTHAL GMBH, DE
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[54] **CONTAINER ADAPTER LIDS**
[54] **COUVERCLES D'ADAPTATEUR DE RECIPIENT**
[72] CARVER, JOHN, US
[72] CARVER, KELLY, US
[71] KAUG DESIGNS, INC., US
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[86] 2018-09-17 (PCT/US2018/051374)
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[51] **Int.Cl. E21D 15/14 (2006.01)**
[25] EN
[54] **MINE ROOF SUPPORT, PRE-INSTALLATION ASSEMBLY FOR SAME, AND METHOD OF INSTALLATION**
[54] **SUPPORT DE TOIT DE MINE, ENSEMBLE DE PRE-INSTALLATION POUR CELUI-CI ET PROCEDE D'INSTALLATION**
[72] ABEL, DON C., US
[72] TENNANT, NICHOLAS J., US
[71] BURRELL MINING PRODUCTS, INC., US
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[25] EN
[54] **CHEMOTHERAPEUTIC COMPOUNDS, PRODUCTION METHODS AND APPARATUSES THEREFOR, AND METHODS OF CANCER TREATMENT**
[54] **COMPOSES CHIMIOTHERAPIQUES, LEURS PROCEDES DE PRODUCTION ET APPAREILS ASSOCIES, ET METHODES DE TRAITEMENT DU CANCER**
[72] RANAHAN II, WILLIAM P., US
[71] ORAL ROBERTS UNIVERSITY, US
[85] 2020-06-15
[86] 2018-11-02 (PCT/US2018/059037)
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[54] **ALKYLPHENOL DETERGENTS**
[54] **DETERGENTS A BASE D'ALKYLPHENOL**
[72] DELBRIDGE, EWAN E., US
[72] MOSIER, PATRICK E., US
[72] MIATT, PETER, GB
[71] THE LUBRIZOL CORPORATION, US
[85] 2020-06-15
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[54] **METHOD AND SYSTEM FOR BACKGROUND REMOVAL FROM DOCUMENTS**
[54] **PROCEDE ET SYSTEME POUR SUPPRIMER UN ARRIERE-PLAN DE DOCUMENTS**
[72] FOROUGHI, HOMA, US
[71] INTUIT INC., US
[85] 2020-06-15
[86] 2018-11-28 (PCT/US2018/062815)
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[54] **EVOLUTIONARY ARCHITECTURES FOR EVOLUTION OF DEEP NEURAL NETWORKS**
[54] **ARCHITECTURES EVOLUTIVES POUR L'EVOLUTION DE RESEAUX NEURONAUX PROFONDS**
[72] LIANG, JASON ZHI, US
[72] MEYERSON, ELLIOT, US
[72] MIIKKULAINEN, RISTO, US
[71] COGNIZANT TECHNOLOGY SOLUTIONS U.S. CORPORATION, US
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[54] **STROLLER AND PORTABLE CONVERTIBLE DIAPER CHANGING PLATFORM SYSTEM INCLUDING SEAT, TABLE AND WEIGHT SUPPORT SYSTEMS**
[54] **POUSSETTE ET SYSTEME DE PLATEFORME DE CHANGEMENT DE COUCHE CONVERTIBLE PORTABLE COMPRENANT DES SYSTEMES DE SIEGE, DE TABLE ET DE SUPPORT DE POIDS**
[72] CHATZIDAKIS, PANTELIS, US
[71] CHATZIDAKIS, PANTELIS, US
[85] 2020-06-15
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[54] **BRICK LINING FORMING METHOD**
[54] **PROCEDE DE REVETEMENT DE BRIQUES**
[72] TAKEUCHI, KAZUHIKO, JP
[72] TSUBOI, SATOSHI, JP
[71] KROSAKIHARIMA CORPORATION, JP
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[54] **MAPPING ENTITIES TO ACCOUNTS**
[54] **MAPPAGE D'ENTITES AVEC DES COMPTES**
[72] BAJARIA, VIRAL, US
[72] SHAH, PREMAL, US
[72] VIJAYVARGIYA, NITIN, US
[72] CHANG, DUSTIN, US
[71] 6SENSE INSIGHTS, INC., US
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[51] **Int.Cl. G06F 3/03 (2006.01) G06F 3/042 (2006.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING METHOD, AND INFORMATION PROCESSING SYSTEM**
[54] **DISPOSITIF, PROCEDE ET SYSTEME DE TRAITEMENT D'INFORMATIONS**
[72] IDA, KENTARO, JP
[72] KUSAKABE, YURI, JP
[72] IKEDA, TAKUYA, JP
[71] SONY CORPORATION, JP
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[54] **SUPPORTS EMPILABLES POUR MICROCONDUITS ET CABLES**
[72] ETHERIDGE, HARVEY, GB
[72] LEESON, KIM, GB
[71] PPC BROADBAND FIBER LTD., GB
[85] 2020-06-12
[86] 2018-12-12 (PCT/IB2018/001596)
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[54] **MOLECULES D'INGENIERIE GENOMIQUE CHIMERE ET PROCEDES**
[72] YOON, JI YOUNG, KR
[72] CHOI, SUNMEE, KR
[72] PARK, MIJIN, KR
[72] PARK, SLKI, KR
[72] PARK, AIDEN Y., KR
[72] LEE, JUNG HYUK, KR
[72] LIM, JUNGHAK, KR
[72] KIM, DONG WOOK, KR
[72] CHOE, SUNGHWA, KR
[72] PARK, JONGJIN, KR
[71] G+FLAS LIFE SCIENCES, KR
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[54] **PROCESS FOR PRODUCTION OF FILM COMPRISING MICROFIBRILLATED CELLULOSE**
[54] **PROCESSUS POUR LA PRODUCTION D'UN FILM COMPRENANT DE LA CELLULOSE MICROFIBRILLEE**
[72] BACKFOLK, KAJ, FI
[72] HEISKANEN, ISTO, FI
[72] SAUKKONEN, ESA, FI
[72] KANKKUNEN, JUKKA, FI
[72] NYBERG ZETTERLUND, ANNA, SE
[72] LIF, JAN, SE
[71] STORA ENSO OYJ, FI
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[25] EN
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[54] **AMELIORATION APPORTEE A UN APPAREIL DE FORMATION DE VAGUES**
[72] MCFARLAND, BRUCE, US
[71] AMERICAN WAVE MACHINES, INC., US
[85] 2020-06-15
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[25] EN
[54] **FIBER BUNDLE REINFORCED BIOCOMPOSITE MEDICAL IMPLANTS**
[54] **IMPLANTS MEDICAUX BIOCOMPOSITES RENFORCES PAR FAISCEAUX DE FIBRES**
[72] PREISS-BLOOM, ORAHN, IL
[72] LINDNER, TALY PNINA, IL
[72] UCHITEL, ILAN OLEG, IL
[72] ZEEVI, TAL, IL
[71] OSSIO LTD., IL
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[54] **FUSION PROTEINS**
[54] **PROTEINES DE FUSION**
[72] MUSSAI, FRANCIS JAY, GB
[72] DE SANTO, CARMELA, GB
[72] LEE, STEVEN, GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2020-06-16
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[25] EN
[54] **THERMALLY CURABLE FILM-FORMING COMPOSITIONS PROVIDING BENEFITS IN APPEARANCE AND SAG CONTROL PERFORMANCE**
[54] **COMPOSITIONS FILMOGENES DURCISSABLES THERMIQUEMENT OFFRANT DES AVANTAGES EN TERMES D'ASPECT ET DE PERFORMANCE DE CONTROLE DE COULURE**
[72] MOYANO, DANIEL F., US
[72] LUCHANSKY, MATTHEW S., US
[72] STIBBARD, MITCHELL R., US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **HETEROGENEOUS CATALYST**
[54] **CATALYSEUR HETEROGENE**
[72] FRICK, CHRISTOPHER D., US
[72] HERRON, JEFFREY, US
[72] LIMBACH, KIRK W., US
[72] LEE, WEN SHENG, US
[72] SUSSMAN, VICTOR J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2020-06-15
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[54] **ION FOCUSING DEVICE**
[54] **DISPOSITIF DE FOCALISATION D'IONS**
[72] IBRAHIM, YEHIA M., US
[72] SMITH, RICHARD D., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[85] 2020-06-16
[86] 2018-12-13 (PCT/US2018/065380)
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[51] **Int.Cl. G16H 20/17 (2018.01)**
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[54] **CLOSED LOOP CONTROL OF PHYSIOLOGICAL GLUCOSE**
[54] **REGULATION EN BOUCLE FERMEE DE GLUCOSE PHYSIOLOGIQUE**
[72] CHEN, YAMEI, US
[72] FU, HAODA, US
[72] GARHYAN, PARAG, US
[72] HAIDAR, AHMAD MOHAMAD, US
[72] JONES, RICHARD EARL JR., US
[72] KOVALCHICK, CHRISTOPHER, US
[72] SCHILLER, MARIE KEARNEY, US
[72] SWINNEY, MONICA RIXMAN, US
[72] WOLPERT, HOWARD ALLAN, US
[71] ELI LILLY AND COMPANY, US
[85] 2020-06-15
[86] 2018-12-14 (PCT/US2018/065619)
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[25] EN
[54] **SIALYLTRANSFERASES AND USES THEREOF**
[54] **SIALYLTRANSFERASES ET UTILISATIONS DE CELLES-CI**
[72] MALLIPEDDI, SRIKRISHNAN, US
[72] HEIDTMAN, MATTHEW IAN, US
[72] MERIGHI, MASSIMO, US
[72] MCCOY, JOHN M., US
[71] GLYCOSYN LLC, US
[85] 2020-06-15
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[30] US (62/599,481) 2017-12-15

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[51] **Int.Cl. B01D 29/39 (2006.01) B01D 29/44 (2006.01) B01D 46/10 (2006.01)**
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[54] **SCALE COLLECTION DEVICE FOR DOWNFLOW REACTORS**
[54] **DISPOSITIF DE COLLECTE DE DEPOTS POUR REACTEURS A COURANT DESCENDANT**
[72] XU, ZHANPING, US
[72] CHEN, PENGFEI, US
[72] BUNTING, ROBERT L., JR., US
[71] UOP LLC, US
[85] 2020-06-16
[86] 2018-12-20 (PCT/US2018/066674)
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[30] US (62/609,317) 2017-12-21

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[25] EN
[54] **ASSESSING GRAFT SUITABILITY FOR TRANSPLANTATION**
[54] **EVALUATION DE LA COMPATIBILITE D'UNE GREFFE POUR LA TRANSPLANTATION**
[72] MITCHELL, AOY TOMITA, US
[72] MITCHELL, MICHAEL, US
[71] TAI DIAGNOSTICS, INC., US
[71] MITCHELL, AOY TOMITA, US
[71] MITCHELL, MICHAEL, US
[85] 2020-06-15
[86] 2018-12-14 (PCT/US2018/065845)
[87] (WO2019/118926)
[30] US (62/599,011) 2017-12-14

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[51] **Int.Cl. C09D 1/00 (2006.01)**
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[54] **CATALYTIC COATINGS, METHODS OF MAKING AND USE THEREOF**
[54] **REVETEMENTS CATALYTIQUES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] VENTURINA, ROY, US
[72] HU, QINGYUAN, US
[72] HOKE, JEFFREY B., US
[72] TRAN, PASCALINE, US
[71] BASF QTECH INC., CA
[85] 2020-06-15
[86] 2018-12-17 (PCT/US2018/065910)
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[51] **Int.Cl. G01R 29/08 (2006.01)**
[25] EN
[54] **ATOM-BASED ELECTROMAGNETIC FIELD SENSING ELEMENT AND MEASUREMENT SYSTEM**
[54] **ELEMENT DE DETECTION DE CHAMP ELECTROMAGNETIQUE BASE SUR UN ATOME ET SYSTEME DE MESURE**
[72] ANDERSON, DAVID A., US
[72] RAITHEL, GEORG A., US
[72] PARADIS, ERIC G., US
[72] SAPIRO, RACHEL E., US
[71] RYDBERG TECHNOLOGIES INC., US
[85] 2020-06-15
[86] 2018-12-17 (PCT/US2018/066006)
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[30] US (62/607,034) 2017-12-18
[30] US (62/727,764) 2018-09-06

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[25] EN
[54] **HOME ARCADE SYSTEM**
[54] **SYSTEME DE JEU D'ARCADE DOMESTIQUE**
[72] BACHRACH, SCOTT, US
[71] TASTEMAKERS, LLC, US
[85] 2020-06-15
[86] 2018-12-17 (PCT/US2018/066049)
[87] (WO2019/118977)
[30] US (62/599,438) 2017-12-15
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[54] **DIAZAINDOLE COMPOUNDS**
[54] **COMPOSES DE DIAZAINDOLE**
[72] DYCKMAN, ALARIC J., US
[72] DODD, DHARMPAL S., US
[72] MUSSARI, CHRISTOPHER P., US
[72] WHITELEY, BRIAN K., US
[72] KUMAR, SREEKANTHA RATNA, IN
[72] RAMACHANDRA REDDY, ANUPAMA KANDHI, IN
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-15
[86] 2018-12-18 (PCT/US2018/066108)
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[25] EN
[54] **CYCLOHEXYL ACID TRIAZOLE AZOLES AS LPA ANTAGONISTS**
[54] **AZOLES TRIAZOLES D'ACIDE CYCLOHEXYLE UTILISES EN TANT QU'ANTAGONISTES DE LPA**
[72] SHI, YAN, US
[72] CHENG, PETER TAI WAH, US
[72] WANG, YING, US
[72] LI, JUN, US
[72] FANG, TIANAN, US
[72] CORTE, JAMES R., US
[72] SHI, JUN, US
[72] ZHANG, HAO, US
[72] KENNEDY, LAWRENCE J., US
[72] TAO, SHIWEI, US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-15
[86] 2018-12-18 (PCT/US2018/066123)
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[51] **Int.Cl. A61K 9/113 (2006.01) A61K 31/195 (2006.01) A61K 31/7056 (2006.01) A61K 47/14 (2017.01) A61K 47/32 (2006.01)**
[25] EN
[54] **W/O/W MICROEMULSIONS FOR OCULAR ADMINISTRATION**
[54] **MICROEMULSIONS E/H/E DESTINEES A ETRE ADMINISTREES PAR VOIE OCULAIRE**
[72] JABLONSKI, MONICA, US
[72] MOUSTAFA, MOHAMMED, US
[71] UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION, US
[85] 2020-06-15
[86] 2018-12-18 (PCT/US2018/066235)
[87] (WO2019/126172)
[30] US (62/607,429) 2017-12-19
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[51] **Int.Cl. E04G 25/04 (2006.01) E04G 9/04 (2006.01) E04G 9/06 (2006.01) E04G 11/06 (2006.01) E04G 11/50 (2006.01) E04G 17/00 (2006.01) E04G 17/14 (2006.01) E04G 21/32 (2006.01)**
[25] EN
[54] **INTEGRATED CONSTRUCTION SYSTEM**
[54] **SYSTEME DE CONSTRUCTION INTEGRE**
[72] CHEVIS, KENNETH M., US
[71] APACHE INDUSTRIAL SERVICES, INC., US
[85] 2020-06-15
[86] 2018-12-18 (PCT/US2018/066256)
[87] (WO2019/126187)
[30] US (15/845,962) 2017-12-18
[30] US (15/910,698) 2018-03-02
[30] US (15/971,620) 2018-05-04
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[25] EN
[54] **GHB PHARMACEUTICAL COMPOSITIONS COMPRISING A FLOATING INTERPENETRATING POLYMER NETWORK FORMING SYSTEM**
[54] **COMPOSITIONS PHARMACEUTIQUES DE GHB COMPRENANT UN SYSTEME DE FORMATION DE RESEAU POLYMERE INTERPENETRANT FLOTTANT**
[72] JAIN, PARAS RAMESHLAL, US
[72] CHAUDHARI, SACHIN VASANT, US
[71] TRIS PHARMA, INC., US
[85] 2020-06-15
[86] 2018-12-18 (PCT/US2018/066300)
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[30] US (62/607,151) 2017-12-18
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[51] **Int.Cl. C07D 209/12 (2006.01) A61K 31/4353 (2006.01) A61P 37/00 (2006.01) C07D 401/04 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/14 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01) C07D 451/02 (2006.01) C07D 453/02 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **ARYL AND HETEROARYL SUBSTITUTED INDOLE COMPOUNDS**
[54] **COMPOSES D'INDOLE A SUBSTITUTION ARYLE ET HETEROARYLE**
[72] DYCKMAN, ALARIC J., US
[72] MUSSARI, CHRISTOPHER P., US
[72] HAQUE, TASIR SHAMSUL, US
[72] WHITELEY, BRIAN K., US
[72] POSY, SHOSHANA L., US
[72] KUMAR, SREEKANTHA RATNA, IN
[72] HEGDE, SUBRAMANYA, IN
[72] RAMACHANDRA REDDY, ANUPAMA KANDHI, IN
[72] ANUMULA, RUSHITH KUMAR, IN
[72] PASUNOORI, LAXMAN, IN
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-15
[86] 2018-12-19 (PCT/US2018/066366)
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[25] EN
[54] **SURFACTANT FORMULATIONS FOR INHALATION**
[54] **FORMULATIONS DE TENSIOACTIFS INHALABLES**
[72] LIPP, MICHAEL M., US
[72] CHAN, HOLLY, US
[71] CIVITAS THERAPEUTICS, INC., US
[85] 2020-06-15
[86] 2018-12-19 (PCT/US2018/066424)
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[25] EN
[54] **SURFACTANT FORMULATIONS FOR INHALATION**
[54] **FORMULATIONS DE TENSIOACTIFS POUR L'INHALATION**
[72] LIPP, MICHAEL M., US
[72] CHAN, HOLLY, US
[71] CIVITAS THERAPEUTICS, INC., US
[85] 2020-06-15
[86] 2018-12-19 (PCT/US2018/066435)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR DELIVERY OF VIRAL VECTORS ACROSS THE BLOOD-BRAIN BARRIER**
[54] **PROCEDES ET COMPOSITIONS POUR L'ADMINISTRATION DE VECTEURS VIRAUX A TRAVERS LA BARRIERE HEMATO-ENCEPHALIQUE**
[72] LI, CHENGWEN, US
[72] SAMULSKI, RICHARD JUDE, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2020-06-15
[86] 2018-12-19 (PCT/US2018/066551)
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[30] US (62/607,662) 2017-12-19

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[51] **Int.Cl. C07D 231/56 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **DIARYL SUBSTITUTED 6,5-FUSED RING COMPOUNDS AS C5AR INHIBITORS**
[54] **COMPOSES CYCLIQUES CONDENSES 6,5 A SUBSTITUTION DIARYLE, UTILISES EN TANT QU'INHIBITEURS DU C5AR**
[72] FAN, PINGCHEN, US
[72] LANGE, CHRISTOPHER W., US
[72] MALATHONG, VIENGKHAM, US
[72] MALI, VENKAT REDDY, US
[72] PUNNA, SREENIVAS, US
[72] TANAKA, HIROKO, US
[72] ZENG, YIBIN, US
[72] ZHANG, PENGLIE, US
[71] CHEMOCENTRYX, INC., US
[85] 2020-06-15
[86] 2018-12-20 (PCT/US2018/066667)
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[13] A1
[51] **Int.Cl. B01D 24/22 (2006.01) B01J 8/00 (2006.01) B01J 19/24 (2006.01)**
[25] EN
[54] **SCALE COLLECTION DEVICE FOR DOWNFLOW REACTORS**
[54] **DISPOSITIF DE COLLECTE DE TARTRE POUR REACTEURS A COURANT DESCENDANT**
[72] XU, ZHANPING, US
[72] LESNIAK, STEVEN J., US
[72] BUNTING JR., ROBERT L., US
[71] UOP LLC, US
[85] 2020-06-15
[86] 2018-12-20 (PCT/US2018/066682)
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[30] US (62/609,295) 2017-12-21

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[51] **Int.Cl. A61K 31/5513 (2006.01) A61K 31/55 (2006.01) A61K 38/17 (2006.01) A61P 25/14 (2006.01) C12N 15/86 (2006.01)**
[25] EN
[54] **USE OF HM4DI IN THE TREATMENT OF SEIZURE DISORDERS**
[54] **UTILISATION DE HM4DI DANS LE TRAITEMENT DE TROUBLES EPILEPTIQUES**
[72] DURING, MATTHEW, US
[71] OVID THERAPEUTICS, INC., US
[85] 2020-06-15
[86] 2018-12-20 (PCT/US2018/066757)
[87] (WO2019/126473)
[30] US (62/608,207) 2017-12-20
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[51] **Int.Cl. F16L 15/06 (2006.01) E21B 17/042 (2006.01) F16L 21/00 (2006.01) F16L 25/00 (2006.01)**
[25] EN
[54] **WEDGE THREADFORM HAVING CREST TO ROOT THREAD COMPOUND RELIEF AREAS**
[54] **FORME DE FILETAGE DE COIN POSSEDANT DES ZONES DE DECHARGE DE DEGRIPPANT DES SOMMETS AUX FONDS**
[72] JUAREZ, ALEJANDRO, US
[71] ULTRA PREMIUM SERVICES, L.L.C., US
[85] 2020-06-15
[86] 2018-12-20 (PCT/US2018/066835)
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[30] US (62/608,945) 2017-12-21

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[25] EN
[54] **RELEASE SEGMENTS AND BINDING COMPOSITIONS COMPRISING SAME**
[54] **SEGMENTS DE LIBERATION ET COMPOSITIONS DE LIAISON LES COMPRENANT**
[72] YANG, FAN, US
[72] SCHELLENBERGER, VOLKER, US
[72] PODUST, VLADIMIR, US
[72] SIM, BEE-CHENG, US
[72] THAYER, DESIREE, US
[72] BEABER, JOHN, US
[71] AMUNIX PHARMACEUTICALS, INC., US
[85] 2020-06-15
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[30] US (62/609,296) 2017-12-21
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[51] **Int.Cl. A61K 31/423 (2006.01) A61P 1/16 (2006.01) A61P 31/06 (2006.01)**
[25] EN
[54] **METHODS OF TREATMENT OF HYPERTRIGLYCERIDEMIA**
[54] **METHODES DE TRAITEMENT DE L'HYPERTRIGLYCERIDEMIE**
[72] GORDON, GARY, JP
[72] OSHIMA, RYU, JP
[72] SUEHIRA, KAZUHITO, JP
[71] KOWA COMPANY, LTD., JP
[85] 2020-06-15
[86] 2018-12-20 (PCT/US2018/066976)
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[30] US (62/609,048) 2017-12-21

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[51] **Int.Cl. G01N 31/22 (2006.01) C04B 28/14 (2006.01)**
[25] EN
[54] **JOINT COMPOUNDS AND PLASTERS WITH A COMPLEXOMETRIC DYE AND METHODS**
[54] **COMPOSES DE JOINT ET ENDUITS A COLORANT COMPLEXOMETRIQUE ET PROCEDES**
[72] DONOVAN, ALEXANDER, US
[72] SCHLUDE, JOSEPH, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2020-06-15
[86] 2019-01-03 (PCT/US2019/012139)
[87] (WO2019/136119)
[30] US (15/860,819) 2018-01-03

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[13] A1
[51] **Int.Cl. A01N 43/16 (2006.01) A01N 63/00 (2020.01) A01P 21/00 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITIONS COMPRISING SOLUBILZED LIPO-CHITOOLIGOSACCHARIDES**
[54] **COMPOSITIONS AQUEUSES COMPRENANT DES LIPO-CHITO-OLIGOSACCHARIDES SOLUBILISES**
[72] KELLAR, KENNETH, US
[71] NOVOZYMES BIOAG A/S, DK
[85] 2020-06-15
[86] 2019-01-04 (PCT/US2019/012259)
[87] (WO2019/136198)
[30] US (62/614,544) 2018-01-08

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[51] **Int.Cl. G06N 99/00 (2019.01) B82Y 10/00 (2011.01) H01P 5/18 (2006.01) H03K 19/195 (2006.01)**
[25] EN
[54] **ROBUST QUANTUM LOGICAL GATES**
[54] **PORTES LOGIQUES QUANTIQUES ROBUSTES**
[72] JIANG, LIANG, US
[72] GIRVIN, STEVEN M., US
[72] LESTER, BRIAN, US
[72] GAO, YVONNE, SG
[72] SCHOELKOPF, ROBERT J., III, US
[71] YALE UNIVERSITY, US
[85] 2020-06-15
[86] 2019-01-05 (PCT/US2019/012440)
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[30] US (62/613,937) 2018-01-05
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[25] EN
[54] **HARDWARE-EFFICIENT FAULT-TOLERANT OPERATIONS WITH SUPERCONDUCTING CIRCUITS**
[54] **OPERATIONS A TOLERANCE DE PANNES EFFICACES SUR LE PLAN MATERIEL AVEC DES CIRCUITS SUPRACONDUCTEURS**
[72] ROSENBLUM, SERGE, US
[72] REINHOLD, PHILIP, US
[72] JIANG, LIANG, US
[72] GIRVIN, STEVEN M., US
[72] FRUNZIO, LUIGI, US
[72] DEVORET, MICHEL, US
[72] SCHOELKOPF, ROBERT J., III, US
[71] YALE UNIVERSITY, US
[85] 2020-06-15
[86] 2019-01-05 (PCT/US2019/012441)
[87] (WO2019/156760)
[30] US (62/613,974) 2018-01-05
[30] US (62/733,316) 2018-09-19

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[25] EN
[54] **METHOD AND STATIONARY PHASE FOR ISOLATING EXTRACELLULAR VESICLES FROM BIOLOGICAL MATERIAL**
[54] **PROCEDE ET PHASE STATIONNAIRE POUR ISOLER DES VESICULES EXTRACELLULAIRES A PARTIR D'UN MATERIAU BIOLOGIQUE**
[72] D'AGOSTINO, VITO GIUSEPPE, IT
[72] PROVENZANI, ALESSANDRO, IT
[72] QUATTRONE, ALESSANDRO, IT
[72] ZUCAL, CHIARA, IT
[72] NOTARANGELO, MICHELA, IT
[72] MODELSKA, ANGELIKA, IT
[72] PESCE, ISABELLA, IT
[71] UNIVERSITA' DEGLI STUDI DI TRENTO, IT
[85] 2020-06-16
[86] 2018-12-19 (PCT/EP2018/085974)
[87] (WO2019/122003)
[30] IT (102017000146281) 2017-12-19

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[51] **Int.Cl. A47B 91/02 (2006.01)**
[25] EN
[54] **CABINET LEG AND ADJUSTMENT TOOL**
[54] **PIED D'ARMOIRE ET OUTIL DE REGLAGE**
[72] KHOURY, EDWARD JOSEPH, AU
[71] MULLIGAN, JUSTIN BERNARD, AU
[71] LINGS, PAUL SIMON, AU
[85] 2020-06-16
[86] 2018-12-11 (PCT/AU2018/051323)
[87] (WO2019/119027)
[30] AU (2017905072) 2017-12-19

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[51] **Int.Cl. A61K 31/131 (2006.01) A61K 31/00 (2006.01) A61K 31/56 (2006.01) A61K 31/575 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **TREATMENT OF PAIN AND/OR PAIN RELATED SYMPTOMS ASSOCIATED WITH DYSMENORRHEA**
[54] **TRAITEMENT DE LA DOULEUR ET/OU DES SYMPTOMES LIES A LA DOULEUR ASSOCIES A LA DYSMENORRHEE**
[72] EVANS, SUSAN FLORENCE, AU
[71] ALYRA BIOTECH PTY LTD, AU
[85] 2020-06-16
[86] 2018-12-21 (PCT/AU2018/051383)
[87] (WO2019/119059)
[30] AU (2017905151) 2017-12-22

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[51] **Int.Cl. C07K 16/30 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **ANTIBODIES TO TUMOUR ANTIGENS**
[54] **ANTICORPS DIRIGES CONTRE DES ANTIGENES TUMORAUX**
[72] GUALANDI, LAURA, CH
[72] WULHFARD, SARAH, CH
[72] PRETTO, FRANCESCA, CH
[72] PEMBERTON-ROSS, CATHERINE, CH
[72] VILLA, ALESSANDRA, CH
[72] DE LUCA, ROBERTO, CH
[71] PHILOGEN S.P.A., IT
[85] 2020-06-16
[86] 2018-12-19 (PCT/EP2018/086001)
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[30] EP (17208671.2) 2017-12-19

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[25] EN
[54] **ORAL PHARMACEUTICAL COMPOSITION OF AN NK-1 ANTAGONIST**
[54] **COMPOSITION PHARMACEUTIQUE ORALE D'UN ANTAGONISTE NK -1**
[72] WANG, CHEN-CHAO, US
[71] INTERVET INTERNATIONAL B.V., US
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[86] 2018-12-20 (PCT/EP2018/086078)
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[54] **INDUCTION HEATING ASSEMBLY FOR A VAPOUR GENERATING DEVICE**
[54] **ENSEMBLE DE CHAUFFAGE PAR INDUCTION DESTINE A UN DISPOSITIF DE GENERATION DE VAPEUR**
[72] VANKO, DANIEL, GB
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-16
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[51] **Int.Cl. B02C 7/16 (2006.01) B01F 7/24 (2006.01)**
[25] EN
[54] **GRINDING MILL LINER**
[54] **CHEMISE DE BROYEUR**
[72] FAULKNER, CRAIG FRANK, AU
[72] SHORE, TERRY ALEXANDER, AU
[72] DRINKWATER, BRAD JOHN, AU
[72] STEWART, DAVID JOEL, AU
[71] BRADKEN RESOURCES PTY LIMITED, AU
[85] 2020-06-16
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[30] AU (2017905155) 2017-12-22

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 48/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **ALPHA-SYNUCLEIN ANTISENSE OLIGONUCLEOTIDES AND USES THEREOF**
[54] **OLIGONUCLEOTIDES ANTISENS D'ALPHA-SYNUCLEINE ET LEURS UTILISATIONS**
[72] HAGEDORN, PETER, DK
[72] OLSON, RICHARD E., US
[72] CACACE, ANGELA M., US
[72] JENSEN, MARIANNE LERBECH, DK
[72] BROWN, JEFFREY M., US
[72] MEREDITH, JERE E., JR, US
[72] PENDRI, ANNAPURNA, US
[72] MCDONALD, IVAR M., US
[72] GILL, MARTIN, US
[71] ROCHE INNOVATION CENTER COPENHAGEN A/S, DK
[85] 2020-06-16
[86] 2019-01-11 (PCT/EP2019/050661)
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[30] US (62/616944) 2018-01-12

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[25] EN
[54] **A METHOD FOR RECYCLING LITHIUM BATTERIES**
[54] **PROCEDE DE RECYCLAGE DE BATTERIES AU LITHIUM**
[72] HANISCH, CHRISTIAN, DE
[72] ELWERT, TOBIAS, DE
[72] BRUCKNER, LISA, DE
[71] DUESENFELD GMBH, DE
[85] 2020-06-16
[86] 2019-01-29 (PCT/EP2019/052122)
[87] (WO2019/149698)
[30] DE (10 2018 102 026.0) 2018-01-30
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[51] **Int.Cl. C25B 11/04 (2006.01) C02F 1/461 (2006.01) C25B 1/26 (2006.01)**
[25] EN
[54] **ELECTRODE FOR ELECTROCHLORINATION PROCESSES**
[54] **ELECTRODE POUR PROCESSUS D'ELECTROCHLORATION**
[72] RAMUNNI, ANNA, IT
[72] TIMPANO, FABIO, IT
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2020-06-16
[86] 2019-03-13 (PCT/EP2019/056347)
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[30] IT (102018000003533) 2018-03-14

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4745 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **4-(1H-IMIDAZOL-5-YL)-1H-PYRROLO[2,3-B]PYRIDINES FOR USE IN THE TREATMENT OF LEUKAEMIAS, LYMPHOMAS AND SOLID TUMORS**
[54] **4-(1H-IMIDAZOL-5-YL)-1H-PYRROLO [2,3-B| PYRIDINES DESTINEES A ETRE UTILISEES DANS LE TRAITEMENT DE LEUCEMIES, DE LYMPHOMES ET DE TUMEURS SOLIDES**
[72] BRYJA, VITEZSLAV, CZ
[72] JANOVSKA, PAVLINA, CZ
[72] GREGOROVA, MICHAELA, CZ
[72] NEMEC, VACLAV, CZ
[72] KHIRSARIYA, PRASHANT, CZ
[72] PARUCH, KAMIL, CZ
[71] MASARYKOVA UNIVERZITA, CZ
[85] 2020-06-16
[86] 2019-03-26 (PCT/EP2019/057595)
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[51] **Int.Cl. E04G 23/02 (2006.01) E04B 1/41 (2006.01) E04C 5/07 (2006.01) E21D 21/00 (2006.01) F16B 13/14 (2006.01) E04C 5/02 (2006.01) E04C 5/16 (2006.01) F16B 5/02 (2006.01)**
[25] EN
[54] **SOCK ANCHOR UNIT**
[54] **UNITE D'ANCRAGE A MANCHON**
[72] FOSTER, TERENCE, GB
[72] PERICARD, BENOIT PIERRE AUGUSTIN, GB
[72] MURRAY, IAN STEWART ALEXANDER, GB
[71] FOSTER, TERENCE, GB
[71] PERICARD, BENOIT PIERRE AUGUSTIN, GB
[71] MURRAY, IAN STEWART ALEXANDER, GB
[85] 2020-06-16
[86] 2018-01-17 (PCT/GB2018/050121)
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[30] GB (1700743.6) 2017-01-17

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[51] **Int.Cl. B01D 33/11 (2006.01) C02F 1/00 (2006.01) B01D 33/72 (2006.01) D06F 39/10 (2006.01)**
[25] EN
[54] **FILTER FOR A TREATMENT APPARATUS**
[54] **FILTRE POUR APPAREIL DE TRAITEMENT**
[72] JONES, GARETH EVAN LYN, GB
[71] XEROS LIMITED, GB
[85] 2020-06-16
[86] 2018-12-19 (PCT/GB2018/053677)
[87] (WO2019/122862)
[30] GB (1721348.9) 2017-12-19
[30] GB (1819577.6) 2018-11-30

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[51] **Int.Cl. G06F 3/044 (2006.01) G06F 3/0482 (2013.01) G06F 3/0484 (2013.01) G06F 3/0485 (2013.01) G06F 3/0488 (2013.01) A24F 47/00 (2020.01) A61M 15/06 (2006.01) G06F 3/041 (2006.01)**
[25] EN
[54] **AEROSOL PROVISION SYSTEMS**
[54] **SYSTEME DE FOURNITURE D'AEROSOL**
[72] ZIELAZEK, PAWEL, GB
[72] KOZLOWSKI, MARCIN, GB
[72] JAKOBCZYK, ADRIAN, GB
[72] DZIKI, ADAM, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-06-16
[86] 2018-12-19 (PCT/GB2018/053690)
[87] (WO2019/122874)
[30] GB (1721431.3) 2017-12-20

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[51] **Int.Cl. A24F 47/00 (2020.01)**
[25] EN
[54] **ELECTRONIC AEROSOL PROVISION SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE FOURNITURE D'AEROSOL**
[72] BRUTON, CONNOR, GB
[72] AZZOPARDI, ANNA, GB
[72] MOLONEY, PATRICK, GB
[72] KORUS, ANTON, GB
[72] DICKENS, COLIN, GB
[72] SPENCER, ALFRED VINCENT, GB
[72] HARVEY, LISA, GB
[72] BLICK, KEVIN DAVID, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-06-16
[86] 2018-12-19 (PCT/GB2018/053692)
[87] (WO2019/122876)
[30] GB (1721470.1) 2017-12-20

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[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/20 (2006.01) A61M 5/28 (2006.01) A61M 5/31 (2006.01) A61M 5/32 (2006.01)**
[25] EN
[54] **AUTO-INJECTOR DRUG DELIVERY DEVICE**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT PAR AUTO-INJECTION**
[72] MARCOZ, ALAIN, FR
[72] PEREIRA, ALEXANDRE, FR
[72] POLLARD, MATHIEU, FR
[71] BIOCORP PRODUCTION S.A., FR
[85] 2020-06-16
[86] 2017-12-19 (PCT/IB2017/001754)
[87] (WO2019/122946)

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[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) A61K 9/00 (2006.01) A61K 9/08 (2006.01) A61K 9/10 (2006.01)**
[25] EN
[54] **LIQUID DOSAGE FORM FOR TOPICAL APPLICATION**
[54] **FORME POSOLOGIQUE LIQUIDE POUR APPLICATION TOPIQUE**
[72] MO, Y. JOSEPH, US
[72] CHU, CHUN KWONG, CN
[71] NAL PHARMACEUTICAL GROUP LIMITED, CN
[85] 2020-06-16
[86] 2018-12-05 (PCT/IB2018/059683)
[87] (WO2019/135123)
[30] US (62/612,853) 2018-01-02

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[13] A1
[51] **Int.Cl. A61K 45/00 (2006.01) A61K 9/06 (2006.01) A61K 9/107 (2006.01)**
[25] EN
[54] **SEMI-SOLID DOSAGE FORM FOR TOPICAL APPLICATION**
[54] **FORME GALENIQUE SEMI-SOLIDE POUR UNE APPLICATION TOPIQUE**
[72] MO, Y. JOSEPH, US
[72] CHU, CHUN KWONG, CN
[71] NAL PHARMACEUTICAL GROUP LIMITED, CN
[85] 2020-06-16
[86] 2018-12-06 (PCT/IB2018/059726)
[87] (WO2019/135125)
[30] US (62/612,846) 2018-01-02
[30] US (62/621,242) 2018-01-24

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[13] A1
[51] **Int.Cl. C07K 14/05 (2006.01) A61K 39/245 (2006.01) A61K 39/295 (2006.01)**
[25] EN
[54] **EPSTEIN-BARR VIRUS ANTIGEN CONSTRUCTS**
[54] **CONSTRUCTIONS D'ANTIGENE DU VIRUS EPSTEIN-BARR**
[72] CAPONE, STEFANIA, IT
[72] FOLGORI, ANTONELLA, IT
[72] LAHM, ARMIN, IT
[72] WIZEL, BENJAMIN, US
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2020-06-16
[86] 2018-12-14 (PCT/IB2018/060101)
[87] (WO2019/123169)
[30] US (62/608,038) 2017-12-20

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[51] **Int.Cl. C12P 13/02 (2006.01) C07C 233/16 (2006.01) C07C 233/30 (2006.01) C07C 271/16 (2006.01) C07C 271/18 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING INTERMEDIATES FOR THE SYNTHESIS OF OPTICALLY ACTIVE BETA-AMINO ALCOHOLS BY ENZYMATIC REDUCTION AND NOVEL SYNTHESIS INTERMEDIATES**
[54] **PROCEDE DE PREPARATION D'INTERMEDIAIRES POUR LA SYNTHESE D'ALCOOLS BETA-AMINO OPTIQUEMENT ACTIFS PAR REDUCTION ENZYMATIQUE ET NOUVEAUX INTERMEDIAIRES DE SYNTHESE**
[72] COLLI, CORRADO, IT
[72] BERTOLINI, GIORGIO, IT
[72] SADA, MARA, IT
[72] GARIS, FARIS, IT
[72] NISIC, FILIPPO, IT
[72] BIANCHI, ALDO, IT
[72] BIAGGI, CINZIA, IT
[72] DI FABIO, ROMANO, IT
[72] RONZONI, SILVANO, IT
[72] BERTUOLO, STEFANIA, IT
[72] PRANDI, ADOLFO, IT
[72] MAIORANA, STEFANO, IT
[71] OLON S.P.A., IT
[85] 2020-06-16
[86] 2018-12-19 (PCT/IB2018/060335)
[87] (WO2019/123311)
[30] IT (102017000147611) 2017-12-20

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[13] A1
[51] **Int.Cl. A61K 35/741 (2015.01) A61K 35/744 (2015.01) A61K 35/745 (2015.01) A61P 25/00 (2006.01)**
[25] EN
[54] **COMPOSITION FOR USE IN THE TREATMENT AND/OR IMPROVEMENT OF SLEEP AND MOOD DISORDERS**
[54] **COMPOSITION DESTINEE A ETRE UTILISEE DANS LE TRAITEMENT ET/OU L'AMELIORATION DE TROUBLES DU SOMMEIL ET DE L'HUMEUR**
[72] PANE, MARCO, IT
[72] AMORUSO, ANGELA, IT
[72] FIORIO, MIRTA, IT
[72] MAROTTA, ANGELA, IT
[72] FELIS, GIOVANNA, IT
[72] DEL CASALE, ANTONIO, IT
[71] PROBIOTICAL S.P.A., IT
[85] 2020-06-16
[86] 2018-12-19 (PCT/IB2018/060362)
[87] (WO2019/123328)
[30] IT (102017000146791) 2017-12-19

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[51] **Int.Cl. A61N 1/36 (2006.01)**
[25] EN
[54] **EJACULATION CONTROL**
[54] **CONTROLE DE L'EJACULATION**
[72] GOLLAN, TAL, IL
[72] MEIRI, GIDEON, IL
[72] KRAFT-OZ, ODED SHLOMO, IL
[71] VIRILITY MEDICAL LTD., IL
[85] 2020-06-16
[86] 2018-12-27 (PCT/IL2018/051402)
[87] (WO2019/130311)
[30] US (62/610,535) 2017-12-27

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[51] **Int.Cl. B25B 21/00 (2006.01) B25B 13/48 (2006.01) B25B 23/00 (2006.01)**
[25] EN
[54] **TOOL FOR USE IN PLACES WITH RESTRICTED ACCESS**
[54] **OUTIL DESTINE A ETRE UTILISE DANS DES LIEUX A ACCES RESTREINT**
[72] QUICKE, STEPHEN, GB
[71] HIRE TORQUE LIMITED, GB
[85] 2020-06-16
[86] 2018-12-21 (PCT/GB2018/053746)
[87] (WO2019/122920)
[30] GB (1721522.9) 2017-12-21

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[51] **Int.Cl. A42B 3/06 (2006.01) A42B 3/12 (2006.01)**
[25] EN
[54] **PROTECTIVE DEVICE**
[54] **DISPOSITIF DE PROTECTION**
[72] KLEIVEN, SVEIN, SE
[71] KLEIVEN, SVEIN, SE
[85] 2020-06-16
[86] 2018-12-12 (PCT/SE2018/051301)
[87] (WO2019/125282)
[30] SE (1751565-1) 2017-12-18

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[13] A1
[51] **Int.Cl. G01P 13/00 (2006.01) A01K 1/00 (2006.01) A01K 1/12 (2006.01)**
[25] EN
[54] **MEASUREMENT SYSTEM FOR A ROTARY MILKING PARLOR, METHOD, COMPUTER PROGRAM FOR CONTROLLING A ROTARY MILKING PARLOR AND NON-VOLATILE DATA CARRIER CONTAINING THE COMPUTER PROGRAM**
[54] **SYSTEME DE MESURE D'UN POSTE DE TRAITE ROTATIF, PROCEDE, PROGRAMME INFORMATIQUE DE COMMANDE D'UN POSTE DE TRAITE ROTATIF ET SUPPORT DE DONNEES NON VOLATILE CONTENANT LE PROGRAMMEINFORMATIQUE**
[72] UMEGARD, ANDERS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2020-06-16
[86] 2018-12-14 (PCT/SE2018/051314)
[87] (WO2019/125288)
[30] SE (1751606-3) 2017-12-21

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[13] A1
[51] **Int.Cl. B32B 21/14 (2006.01) B27D 3/00 (2006.01) B27N 3/06 (2006.01) B32B 21/02 (2006.01) B44C 5/04 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **A METHOD TO PRODUCE A VENEERED ELEMENT AND A VENEERED ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT PLAQUE ET ELEMENT PLAQUE**
[72] ZIEGLER, GORAN, SE
[72] RITTINGE, RICKARD, SE
[71] VALINGE INNOVATION AB, SE
[85] 2020-06-16
[86] 2018-12-18 (PCT/SE2018/051333)
[87] (WO2019/139522)
[30] SE (1850032-2) 2018-01-11

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[13] A1
[51] **Int.Cl. B32B 21/14 (2006.01) B27N 3/06 (2006.01) B32B 21/02 (2006.01) B44C 5/04 (2006.01) E04F 15/10 (2006.01)**
[25] EN
[54] **A METHOD TO PRODUCE A VENEERED ELEMENT AND A VENEERED ELEMENT**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT PLAQUE ET ELEMENT PLAQUE**
[72] ZIEGLER, GORAN, SE
[72] RITTINGE, RICKARD, SE
[71] VALINGE INNOVATION AB, SE
[85] 2020-06-16
[86] 2018-12-18 (PCT/SE2018/051334)
[87] (WO2019/139523)
[30] SE (1850031-4) 2018-01-11

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[13] A1
[51] **Int.Cl. A61K 8/60 (2006.01) A61K 35/33 (2015.01)**
[25] EN
[54] **AUGMENTATION OF FIBROBLAST REGENERATIVE ACTIVITY**
[54] **AUGMENTATION DE L'ACTIVITE REGENERATRICE DES FIBROBLASTES**
[72] O'HEERON, PETE, US
[72] ICHIM, THOMAS, US
[71] FIGENE, LLC, US
[85] 2020-06-16
[86] 2018-12-17 (PCT/US2018/065931)
[87] (WO2019/125996)
[30] US (62/608,031) 2017-12-20

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[13] A1
[51] **Int.Cl. H04N 21/422 (2011.01) H04N 21/442 (2011.01) H04N 21/466 (2011.01) H04N 21/845 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMICALLY ENABLING AND DISABLING A BIOMETRIC DEVICE**
[54] **SYSTEMES ET PROCEDES D'ACTIVATION ET DE DESACTIVATION DYNAMIQUES D'UN DISPOSITIF BIOMETRIQUE**
[72] MERCED, ANGEL, US
[72] RAMIREZ, KRISTA, US
[72] DIETZ, TODD, US
[71] ROVI GUIDES, INC., US
[85] 2020-06-16
[86] 2018-12-18 (PCT/US2018/066154)
[87] (WO2019/126118)
[30] US (15/850,244) 2017-12-21
[30] US (16/185,434) 2018-11-09

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[51] **Int.Cl. B22F 9/26 (2006.01) B22F 9/24 (2006.01) C22B 3/14 (2006.01) C22B 3/44 (2006.01) C22B 23/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING NICKEL POWDER**
[54] **PROCEDE DE PRODUCTION DE POUDRE DE NICKEL**
[72] HEGURI SHIN-ICHI, JP
[72] TAKAISHI KAZUYUKI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2020-06-16
[86] 2018-11-22 (PCT/JP2018/043216)
[87] (WO2019/123972)
[30] JP (2017-245631) 2017-12-21

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[51] **Int.Cl. A01H 5/10 (2018.01) C07K 14/415 (2006.01) C12N 9/10 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **CEREAL PLANTS WITH IMPROVED CELL WALL PROPERTIES**
[54] **PLANTES CEREALIERES PRESENTANT DES PROPRIETES DE PAROI CELLULAIRE AMELIOREES**
[72] KNUDSEN, SOREN, DK
[72] BODEVIN, SABRINA, SE
[72] OLSEN, OLE, DK
[72] THOMSEN, HANNE, DK
[72] WENDT, TONI, DK
[72] HARHOLT, JESPER, DK
[72] LOK, FINN, DK
[71] CARLSBERG A/S, DK
[85] 2020-06-16
[86] 2018-12-21 (PCT/EP2018/086719)
[87] (WO2019/129736)
[30] EP (17210954.8) 2017-12-28

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[13] A1
[51] **Int.Cl. F03B 15/04 (2006.01) G01M 99/00 (2011.01) H02P 9/04 (2006.01)**
[25] EN
[54] **FLUID APPARATUS**
[54] **APPAREIL A FLUIDE**
[72] ABE, TAKAHIRO, JP
[72] SUHARA, ATSUSHI, JP
[71] DAIKIN INDUSTRIES, LTD., JP
[85] 2020-06-16
[86] 2018-12-13 (PCT/JP2018/045934)
[87] (WO2019/124222)
[30] JP (2017-244362) 2017-12-20

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[13] A1
[51] **Int.Cl. C09J 7/24 (2018.01) B32B 3/30 (2006.01) B32B 7/06 (2019.01) B32B 27/00 (2006.01) B32B 27/32 (2006.01) C09J 201/00 (2006.01)**
[25] EN
[54] **SEPARATOR, AND ADHESIVE TAPE OR SHEET WITH SEPARATOR**
[54] **SEPARATEUR, ET BANDE OU FEUILLE ADHESIVE AVEC SEPARATEUR**
[72] INAGAKI, TOMOYUKI, JP
[72] KOGA, YUKINORI, JP
[71] NICHIBAN CO., LTD., JP
[85] 2020-06-16
[86] 2018-12-27 (PCT/JP2018/048104)
[87] (WO2019/131865)
[30] JP (2017-254975) 2017-12-28

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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **SEALS BY MECHANICALLY DEFORMING DEGRADABLE MATERIALS**
[54] **ETANCHEITES CREEES PAR DEFORMATION MECANIQUE DE MATERIAUX DEGRADABLES**
[72] FRIPP, MICHAEL LINLEY, US
[72] GRECI, STEPHEN MICHAEL, US
[72] APICHARTTHABRUT, TERAPAT, US
[72] COFFIN, MAXIME PM, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2020-06-16
[86] 2018-02-22 (PCT/US2018/019196)
[87] (WO2019/164492)

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[13] A1
[51] **Int.Cl. F01N 3/24 (2006.01) B60K 13/04 (2006.01) F01N 1/02 (2006.01) F01N 3/022 (2006.01)**
[25] EN
[54] **EXHAUST GAS PURIFICATION DEVICE**
[54] **DISPOSITIF D'EPURATION DES GAZ D'ECHAPPEMENT**
[72] KONNO, ATSUSHI, JP
[71] KABUSHIKI KAISHA TOYOTA JIDOSHOKKI, JP
[85] 2020-06-11
[86] 2019-01-17 (PCT/JP2019/001199)
[87] (WO2019/146479)
[30] JP (2018-012904) 2018-01-29

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[72] ISHIDA, TASUKU, JP
[72] MIYANO, MASAYUKI, JP
[72] SHINKYO, RAKU, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
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[54] **PRODUIT ALIMENTAIRE EXTRUDE ET PROCEDE DE FABRICATION ASSOCIE**
[72] O'DOWD, HELEN, IE
[72] SCHNEIDER, CHRISTIN, IE
[72] GONDA, IRENE, IE
[72] GLEBOWSKA, AGNIESZKA, IE
[71] VIRGINIA HEALTH FOOD LIMITED, IE
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[54] **METHODE POUR LE TRAITEMENT DES ULCERES DU PIED DIABETIQUE**
[72] PALACIO BARBERAN, JOHN LUIS, US
[72] GONZALEZ BELLO, FLORENCIO JOSE, US
[71] MALESIL RESEARCH & TECHNOLOGY LLC, US
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[71] SONE FARM CO., LTD., JP
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[54] **DISPOSITIF D'EVAPORATION DE SUBSTANCES VOLATILES**
[72] CAMARERO DIEZ, ROBERTO, ES
[72] GOBBER, CEDRIC, ES
[72] GRAUS FERRER, ALBA, ES
[71] ZOBELE HOLDING S.P.A., IT
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[54] **DIFFUSEUR DE SUBSTANCE VOLATILE**
[72] MORHAIN, CEDRIC, ES
[72] LLORENTE ALONSO, JOAQUIM, ES
[72] GRAUS FERRER, ALBA, ES
[71] ZOBELE HOLDING S.P.A., ES
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[54] **ATTRIBUTION ET REATTRIBUTION D'IDENTIFIANTS UNIQUES POUR LA SYNCHRONISATION D'ELEMENTS DE CONTENU**
[72] GOLDBERG, ISAAC, US
[72] LAI, JOHN, US
[72] JAYAKAR, SUJAY, US
[71] DROPBOX, INC., US
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[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'UNE BARRE DE PROGRESSION POUR METTRE A JOUR L'ETAT DE VISIONNAGE D'UN CONTENU PRECEDEMMENT VISIONNE**
[72] MERCED, ANGEL, US
[72] DIETZ, TODD, US
[72] RAMIREZ, KRISTA, US
[71] ROVI GUIDES, INC., US
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[54] **METHODS AND SYSTEMS FOR DISTRIBUTED VERIFICATION AND CONTROL OF A RESOURCE DISTRIBUTION NETWORK**
[54] **PROCEDES ET SYSTEMES DE VERIFICATION ET DE COMMANDE DISTRIBUEES D'UN RESEAU DE DISTRIBUTION DE RESSOURCES**
[72] EDWARDS, RANDY, US
[71] LANDIS+GYR INNOVATIONS, INC., US
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[54] **DIMERES D'INHIBITEURS COVALENTS DE NF?B**
[72] NATARAJAN, AMARNATH, US
[72] RANA, SANDEEP, US
[71] BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA, US
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[54] **METHOD AND SYSTEM ARRANGEMENT FOR SETTING A CONSTANT WAVELENGTH**
[54] **PROCEDE ET ENSEMBLE FORMANT SYSTEME SERVANT A REGLER UNE LONGUEUR D'ONDE CONSTANTE**
[72] HOFMANN, STEFAN, DE
[71] INOVA SEMICONDUCTORS GMBH, DE
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[54] **DISPOSITIF ET PROCEDE D'IMPRESSION D'ETIQUETTES**
[72] WOLFF, PETER, DE
[71] ESPERA-WERKE GMBH, DE
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[54] **PROTOCOLE DE VALIDATION POUR SYNCHRONISATION D'ELEMENTS DE CONTENU**
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[72] JAYAKAR, SUJAY, US
[71] DROPBOX, INC., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE FILTRER DES INTERACTIONS DE MEDIAS SOCIAUX ET UN CONTENU EN LIGNE D'APRES DES PROFILS GENETIQUES PERSONNELS**
[72] SMITH, ROBIN Y., US
[72] GLICKSMAN, MARCIE A., US
[72] FRAZIER, SHADRACK CGAR, US
[71] ORIG3N, INC., US
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[54] **PROCEDE SERVANT A DETECTER DES COUPS DE FOUDRE DANS UNE PALE DE ROTOR D'EOLIENNE ET SYSTEME DE MESURE DE COUPS DE FOUDRE**
[72] HOFFMANN, ALEXANDER, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[54] **DEVICES AND METHODS FOR SENSING BLADDER FULLNESS**
[54] **DISPOSITIF ET METHODES DE DETECTION DE REMPLISSAGE DE LA VESSIE**
[72] PETERSON, RALPH WALTER, US
[72] HORLEN, KYLE, US
[72] KRAUS, STEPHEN R., US
[72] SPEHR, PAUL, US
[72] FISCHER, ELMAR, US
[72] VARGHESE, GEORGE, US
[72] IMRAN, MIR A., US
[71] INCUBE LABS, LLC, US
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[54] **WIDE RANGE POWER SUPPLY FOR USE IN METERS AND OTHER DEVICES**
[54] **ALIMENTATION ELECTRIQUE ETENDUE DESTINEE A ETRE UTILISEE DANS DES COMPTEURS ET AUTRES DISPOSITIFS**
[72] BUSEKRUS, DOUGLAS A., US
[71] LANDIS+GYR LLC, US
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[54] **ANTICORPS DIRIGES CONTRE LA CENTRINE-1, LEURS PROCEDES DE FABRICATION ET LEURS UTILISATIONS**
[72] RICKLES, DAVID J., US
[72] DADACHOVA, EKATERINA, CA
[72] BRYAN, RUTH A., US
[71] RADIMMUNE THERAPEUTICS, INC., US
[71] ALBERT EINSTEIN COLLEGE OF MEDICINE, US
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[54] **MATIERE D'EMBALLAGE EN POLYESTER**
[72] WIELOCH, KELAN, US
[72] ELESWARAPU, VENUMADHAVA, S., US
[72] STAMBACK, SCOTT, US
[72] WALSH, JAMES, C., US
[72] BIEMULLER, FRED, US
[71] PENN COLOR, INC., US
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[54] **COMPOSE D'OXYDE DE TITANE COMPOSITE, METHODE DE PRODUCTION DE COMPOSE D'OXYDE DE TITANE COMPOSITE ET MATERIAU DE FRICTION**
[72] HIGASHI, KENJI, JP
[72] YASUDA, MASAFUMI, JP
[71] KUBOTA CORPORATION, JP
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[54] **A METHOD FOR PRODUCTION OF METHYL METHACRYLATE BY OXIDATIVE ESTERIFICATION USING A HETEROGENEOUS CATALYST**
[54] **PROCEDE DE PRODUCTION DE METHACRYLATE DE METHYLE PAR ESTERIFICATION OXYDATIVE A L'AIDE D'UN CATALYSEUR HETEROGENE**
[72] FRICK, CHRISTOPHER D., US
[72] HERRON, JEFFREY, US
[72] LIMBACH, KIRK W., US
[72] LEE, WEN SHENG, US
[72] SUSSMAN, VICTOR J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
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[54] **DISPOSITIF DE DISTRIBUTION D'AEROSOL**
[72] POTTER, MARK, GB
[71] NICOVENTURES TRADING LIMITED, GB
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[54] **TREATMENT OF BLADDER CANCER BY LOCAL ADMINISTRATION OF TAXANE PARTICLES**
[54] **TRAITEMENT DU CANCER DE LA VESSIE PAR L'ADMINISTRATION LOCALE DE PARTICULES DE TAXANE**
[72] DIZEREGA, GERE S., US
[72] BALTEZOR, MICHAEL, US
[72] DECEDUE, CHARLES J., US
[72] CAMPBELL, SAM, US
[72] MCCLOREY, MATTHEW, US
[71] CRITITECH, INC., US
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[54] **AMPHIPHILIC COPOLYMERS AS SURFACE MODIFIERS FOR PRODUCTION OF IMPROVED CALCIUM CARBONATE POWDERS**
[54] **COPOLYMERES AMPHIPHILES EN TANT QUE MODIFICATEURS DE SURFACE POUR LA PRODUCTION DE POUDRES DE CARBONATE DE CALCIUM AMELIOREES**
[72] SINGH, VIRENDRA, US
[72] STOVALL, KALENA, US
[72] GOLBAYANI, PARVIN, US
[72] PEREZ, RICHARDO M., US
[72] TAYLOR, DAVID A., US
[72] PAYNTER, CHRISTOPHER D., US
[72] WICKS, DOUGLAS, US
[72] FRITZEN, PETRA, DE
[72] GIRARD, ANAELLE, FR
[71] IMERYS USA, INC., US
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[54] **ARTICLE MOULE EN CHARBON ACTIF**
[72] YAMAMOTO, TAKAHARU, JP
[72] NISHITA, MITSUNORI, JP
[72] HITOMI, MITSUNORI, JP
[72] YAMADA, TAKAYUKI, JP
[71] KURARAY CO., LTD., JP
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[54] **RADIO FREQUENCY (RF) SHIELDING STRUCTURE FOR RF CONNECTOR TO MICROWAVE TRANSMISSION INTERCONNECT REGIONS AND METHODS FOR MANUFACTURING SUCH RF SHIELDING STRUCTURE**
[54] **STRUCTURE DE BLINDAGE RADIOFREQUENCE (RF) POUR UN CONNECTEUR RF A DES REGIONS D'INTERCONNEXION DE TRANSMISSION DE MICRO-ONDES ET PROCEDES PERMETTANT DE FABRIQUER UNE TELLE STRUCTURE DE BLINDAGE RF**
[72] TRULLI, SUSAN C., US
[72] LAIGHTON, CHRISTOPHER M., US
[72] HARPER, ELICIA K., US
[71] RAYTHEON COMPANY, US
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[54] **ADDITIVES TO CONTROL HYDROGEN SULFIDE RELEASE OF SULFUR CONTAINING AND/OR PHOSPHORUS CONTAINING CORROSION INHIBITORS**
[54] **ADDITIFS POUR LIMITER LA LIBERATION DE SULFURE D'HYDROGENE A PARTIR D'INHIBITEURS DE CORROSION CONTENANT DU SOUFRE ET/OU CONTENANT DU PHOSPHORE**
[72] VAITHILINGAM, PANCHALINGAM, US
[72] HARRELL, BRADLEY G., US
[71] BAKER HUGHES HOLDINGS LLC, US
[85] 2020-06-16
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[54] **FEUILLE CHAUFFANTE ET DISPOSITIF DE PARE-BRISE POUR VEHICULE**
[72] KASETANI, YASUKI, JP
[72] NAGAI, TOSHIKAZU, JP
[72] SUZUKI, TATSUNORI, JP
[71] NIFCO INC., JP
[71] KURABE INDUSTRIAL CO., LTD., JP
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[54] **SATURATION SYSTEMS AND METHODS FOR PIPELINE AND PRESSURE VESSEL REPAIR**
[54] **SYSTEMES ET PROCEDES DE SATURATION POUR LA REPARATION DE PIPELINE ET DE RECIPIENT SOUS PRESSION**
[72] TOPF, HENRY E., JR., US
[71] THATS A WRAP LLC, US
[85] 2020-06-16
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[54] **STABLE CORTICOSTEROID COMPOSITIONS**
[54] **COMPOSITIONS DE CORTICOSTEROIDE STABLES**
[72] KASINA, RAMALINGESWAR, US
[71] MERITAGE PHARMA, INC., US
[85] 2020-06-16
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[54] **IMPROVED ENZYMATIC MODIFICATION OF PHOSPHOLIPIDS IN FOOD**
[54] **MODIFICATION ENZYMATIQUE AMELIOREE DE PHOSPHOLIPIDES DANS DES ALIMENTS**
[72] ZHANG, KEYA, CN
[72] MILLER, LONE BROEND, DK
[72] KRAGH, LENE, DK
[72] JOERGENSEN, TINA LILLAN, DK
[71] DUPONT NUTRITION BIOSCIENCES APS, DK
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[25] EN
[54] **COMPOSITION FOR SUPPRESSING FAT ACCUMULATION**
[54] **COMPOSITION POUR L'INHIBITION DE L'ACTIVITE DE L'ACCUMULATION DE GRAISSE**
[72] SUGIYAMA, MASANORI, JP
[71] SONE FARM CO., LTD., JP
[85] 2020-06-16
[86] 2019-04-04 (PCT/JP2019/014997)
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[54] **TAPERING STENT**
[54] **ENDOPROTHESE CONIQUE**
[72] LONGO, MICHAEL A., US
[72] SHOOK, BRUCE J., US
[72] HARRISON, WILLIAM JAMES, US
[71] VESPER MEDICAL, INC., US
[85] 2020-06-16
[86] 2019-02-08 (PCT/US2019/017218)
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[54] **VISUAL INTERACTIVE APPLICATION FOR SAFETY STOCK MODELING**
[54] **APPLICATION INTERACTIVE VISUELLE POUR MODELISATION DE STOCK DE SECURITE**
[72] BYRON, KAREN, US
[72] MADHANI, DIPTI, US
[72] LONG, THOMAS, US
[71] BECTON. DICKINSON AND COMPANY, US
[85] 2020-06-16
[86] 2019-02-20 (PCT/US2019/018693)
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[25] EN
[54] **DIRECT DIGITAL SYNTHESIS BASED PHASE SHIFT DIGITAL BEAM FORMING**
[54] **FORMATION DE FAISCEAU NUMERIQUE A DECALAGE DE PHASE SE BASANT SUR LA SYNTHESE NUMERIQUE DIRECTE**
[72] MARR, HARRY B., US
[72] THOMPSON, DANIEL, US
[72] ROBERTSON, RALSTON S., US
[71] RAYTHEON COMPANY, US
[85] 2020-06-16
[86] 2019-02-27 (PCT/US2019/019838)
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[25] EN
[54] **DISPLAY COVER WITH WEBCAM COVER**
[54] **COUVERCLE D'AFFICHAGE COMPORTANT UN COUVERCLE DE WEBCAM**
[72] WICKETT, GEOFFREY HOWARD, GB
[71] TARGUS INTERNATIONAL LLC, US
[85] 2020-06-16
[86] 2019-03-05 (PCT/US2019/020762)
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[25] EN
[54] **COMPOSITION FOR TYPE IV ALLERGY**
[54] **COMPOSITION POUR ALLERGIE DE TYPE IV**
[72] SUGIYAMA, MASANORI, JP
[71] SONE FARM CO., LTD., JP
[85] 2020-06-16
[86] 2019-04-04 (PCT/JP2019/014998)
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[25] EN
[54] **LIGAND REGULATED PROTEIN-PROTEIN INTERACTION SYSTEM**
[54] **SYSTEME D'INTERACTION PROTEINE-PROTEINE REGULE PAR UN LIGAND**
[72] TRAXLMAYR, MICHAEL, AT
[72] OBINGER, CHRISTIAN, AT
[72] BREY, CHARLOTTE, AT
[72] LEHNER, MANFRED, AT
[71] ST. ANNA KINDERKREBSFORSCHUNG, AT
[71] UNIVERSITAT FUR BODENKULTUR WIEN, AT
[85] 2020-06-17
[86] 2018-12-20 (PCT/EP2018/086299)
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[54] **ORGANIC FOOD PRESERVATIVE COMPOSITIONS**
[54] **COMPOSITIONS ORGANIQUES DE CONSERVATION D'ALIMENTS**
[72] FARMER, SEAN, US
[72] ALIBEK, KEN, US
[72] MOLDAKOZHAYEV, ALIBEK, US
[71] LOCUS IP COMPANY, LLC, US
[85] 2020-06-16
[86] 2018-12-16 (PCT/US2018/065898)
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[25] EN
[54] **ULTRATHIN ABSORBENT HYGIENIC PADS**
[54] **TAMPONS HYGIENIQUES ABSORBANTS ULTRAMINCES**
[72] NEWMAN, MORGEN, US
[72] HAYWARD, MOLLY, US
[71] LYV LIFE, INC., US
[85] 2020-06-16
[86] 2018-12-18 (PCT/US2018/066316)
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[25] EN
[54] **IMPLANTABLE STENT**
[54] **STENT IMPLANTABLE**
[72] LONGO, MICHAEL A., US
[72] HARRISON, WILLIAM JAMES, US
[71] VESPER MEDICAL, INC., US
[85] 2020-06-16
[86] 2019-03-08 (PCT/US2019/021322)
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING NEUROLOGICAL DISORDERS AND FOR MEASURING GENERAL COGNITIVE PERFORMANCE**
[54] **SYSTEME ET PROCEDE DE DETECTION DE TROUBLES NEUROLOGIQUES ET DE MESURE DES PERFORMANCES COGNITIVES GENERALES**
[72] ABEL FERNANDEZ, GERARDO, AR
[71] VIEWMIND S.A., AR
[85] 2020-05-29
[86] 2018-11-30 (PCT/IL2018/051316)
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[54] **LOAD CARRIER FOOT**
[54] **PIED PORTEUR DE CHARGE**
[72] ANDERSSON, STEFAN, SE
[72] LARSSON, FREDRIK, SE
[71] THULE SWEDEN AB, SE
[85] 2020-06-17
[86] 2018-12-18 (PCT/EP2018/085439)
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[25] EN
[54] **TUMOR HOMING AND CELL PENETRATING PEPTIDE-IMMUNO-ONCOLOGY AGENT COMPLEXES AND METHODS OF USE THEREOF**
[54] **COMPLEXES D'AGENT D'ADRESSAGE TUMORAL ET D'IMMUNO-ONCOLOGIE DE PEPTIDE DE PENETRATION CELLULAIRE ET LEURS PROCEDES D'UTILISATION**
[72] NAIRN, NATALIE WINBLADE, US
[72] NOVAK, JULIA, US
[72] GRABSTEIN, KENNETH, US
[72] MILLER, DENNIS, US
[72] HERMANSON, GREG T., US
[72] PRESNELL, SCOTT R., US
[72] STROUD, MARK, US
[71] BLAZE BIOSCIENCE, INC., US
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[86] 2018-12-18 (PCT/US2018/066337)
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[25] EN
[54] **COMPOSITE METAL COMPONENT AND METHOD OF PRODUCING SAME**
[54] **COMPOSANT METALLIQUE COMPOSITE ET SON PROCEDE DE PRODUCTION**
[72] MARSHALL, STEPHEN HENRY, AU
[72] LUCEY, TIMOTHY JUSTIN, AU
[72] JENKINS, LEE, GB
[72] KOSMICKI, RANDY JAMES, US
[72] BOURGEOIS, RONALD JOSEPH, US
[71] WEIR MINERALS AUSTRALIA LTD, AU
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[25] EN
[54] **SYSTEM AND METHOD FOR OPTIMIZING TUBULAR RUNNING OPERATIONS USING REAL-TIME MEASUREMENTS AND MODELLING**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION D'OPERATIONS DE POSE D'ELEMENTS TUBULAIRES A L'AIDE DE MESURES ET D'UNE MODELISATION EN TEMPS REEL**
[72] VAN VLIET, C. JOHN, CA
[72] TAUBNER, SPENCER, CA
[72] YUNG, VICTOR, CA
[72] DALL'ACQUA, DANIEL, CA
[71] NOETIC TECHNOLOGIES INC., CA
[85] 2020-06-17
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[25] EN
[54] **AAV-MEDIATED DELIVERY OF THERAPEUTIC ANTIBODIES TO THE INNER EAR**
[54] **ADMINISTRATION D'ANTICORPS THERAPEUTIQUES MEDIEE PAR AAV A L'OREILLE INTERNE**
[72] SIMONS, EMMANUEL J., US
[72] NG, ROBERT, US
[72] MCKENNA, MICHAEL, US
[71] AKOUOS, INC., US
[85] 2020-06-16
[86] 2018-12-19 (PCT/US2018/066512)
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[25] EN
[54] **ADENO-ASSOCIATED VIRUS (AAV) VECTOR HAVING HYBRID HGF GENE INTRODUCED THERETO**
[54] **VECTEUR DE VIRUS ADENO-ASSOCIE (VAA) COMPRENANT UN GENE HGF HYBRIDE INTRODUIT EN SON SEIN**
[72] YU, SEUNG SHIN, KR
[72] JEONG, JAE GYUN, KR
[72] LEE, JUNG HUN, KR
[72] KIM, SU BIN, KR
[71] HELIXMITH CO., LTD., KR
[85] 2020-06-16
[86] 2018-12-28 (PCT/KR2018/016937)
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[51] **Int.Cl. F16L 55/132 (2006.01) B23K 37/00 (2006.01)**
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[54] **ASSEMBLY FOR ENGAGING THE INTERIOR OF A PIPE**
[54] **ENSEMBLE D'ENGAGEMENT AVEC L'INTERIEUR D'UN TUYAU**
[72] LANNAN, THOMAS JOHN, CA
[71] VITAL INDUSTRIAL SOLUTIONS INC., CA
[85] 2020-06-17
[86] 2018-10-03 (PCT/CA2018/051250)
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[25] EN
[54] **MASTERBATCH WITH SEMI-CRYSTALLINE POLYOLEFIN CARRIER RESIN**
[54] **MELANGE MAITRE COMPORTANT UNE RESINE DE BASE POLYOLEFINIQUE SEMI-CRISTALLINE**
[72] YANG, YONGYONG, CN
[72] LI, DACHAO, US
[72] SUN, YABIN, CN
[72] PERSON, TIMOTHY J., US
[72] COGEN, JEFFREY M., US
[72] CARONIA, PAUL J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. A61L 9/03 (2006.01) A61L 9/12 (2006.01) B60H 3/00 (2006.01) A61L 9/14 (2006.01)**
[25] EN
[54] **VOLATILE SUBSTANCE DIFFUSER AND METHOD FOR DIFFUSING VOLATILE SUBSTANCES**
[54] **DIFFUSEUR DE SUBSTANCES VOLATILES ET PROCEDE DE DIFFUSION DE SUBSTANCES VOLATILES**
[72] CABALLERO TAPIA, MOISES, ES
[72] LLORENTE ALONSO, JOAQUIM, ES
[72] LUQUE VERA, SERGIO, ES
[71] ZOBELE HOLDING, S.P.A., IT
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[25] EN
[54] **FILTER ASSEMBLY WITH INDEPENDENTLY REMOVABLE FILTERS**
[54] **ENSEMBLE FILTRE AVEC FILTRES AMOVIBLES INDEPENDANTS**
[72] VO, CHAU, CA
[72] KAZAZIAN, ANTHONY, CA
[72] BAIRD, WAYNE, CA
[71] PAT TECHNOLOGY SYSTEMS INC., CA
[85] 2020-06-17
[86] 2018-12-20 (PCT/CA2018/051631)
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[25] EN
[54] **TAILORED POROSITY MATERIALS AND METHODS OF MAKING AND USING SAME**
[54] **MATERIAUX A POROSITE ADAPTEE ET PROCEDES DE FABRICATION ET D'UTILISATION DESDITS MATERIAUX**
[72] KOZYNCHENKO, OLEKSANDR, US
[72] DIAZ-AUNON, JOSE A., US
[71] IMMUTRIX THERAPEUTICS, INC., US
[85] 2020-06-16
[86] 2018-12-19 (PCT/US2018/066568)
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[30] US (62/607,432) 2017-12-19
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[25] EN
[54] **LED DISPLAY MODULE AND LED DISPLAYER**
[54] **MODULE D'AFFICHAGE A DEL ET ECRAN D'AFFICHAGE A DEL**
[72] LI, MANTIE, CN
[72] ZHU, JUNXUE, CN
[72] XUE, YUANTING, CN
[72] HUANG, DAOHUA, CN
[71] LEDMAN OPTOELECTRONIC CO., LTD., CN
[85] 2020-06-17
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[51] **Int.Cl. E04F 15/02 (2006.01) E04F 13/08 (2006.01)**
[25] EN
[54] **SET OF PANELS**
[54] **ENSEMBLE DE PANNEAUX**
[72] BOO, CHRISTIAN, SE
[72] STAHL, MARCUS, SE
[72] NILSSON, ANDERS, SE
[71] VALINGE INNOVATION AB, SE
[85] 2020-06-16
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/437 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOUND FUNCTIONING AS BROMODOMAIN PROTEIN INHIBITOR, AND COMPOSITION**
[54] **COMPOSE FONCTIONNANT COMME INHIBITEUR DE PROTEINE BROMODOMAINE, ET COMPOSITION**
[72] XU, YAN, CN
[72] XU, XIAOFENG, CN
[72] WANG, JIABING, CN
[72] DING, LIEMING, CN
[71] BETTA PHARMACEUTICALS CO., LTD, CN
[85] 2020-06-17
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[30] CN (PCT/CN2017/117451) 2017-12-20

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[25] EN
[54] **THERMAL MANAGEMENT OF HYBRID VEHICLE**
[54] **GESTION THERMIQUE DE VEHICULE HYBRIDE**
[72] ELLGAS, SIMON, US
[72] WARBURTON, ANDREW, US
[71] WAYMO LLC, US
[85] 2020-05-06
[86] 2018-11-06 (PCT/US2018/059378)
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[30] US (62/582,421) 2017-11-07
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[51] **Int.Cl. A61K 31/216 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CAPE-LOADED TARGETED MICRO VESICULAR CANCER DRUG AND METHOD FOR DEVELOPING THE SAME**
[54] **MEDICAMENT ANTICANCEREUX MICRO-VESICULAIRE CIBLE CHARGE PAR CAPE ET PROCEDE DE DEVELOPPEMENT DE CELUI-CI**
[72] SAHIN, FIKRETTIN, TR
[72] TASLI, PAKIZE NESLIHAN, TR
[72] KIRBAS, OGUZ KAAN, TR
[72] AVSAR APDIK, EZGI, TR
[72] APDIK, HUSEYIN, TR
[71] YEDITEPE UNIVERSITESI, TR
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[51] **Int.Cl. G01N 33/00 (2006.01) A01M 31/00 (2006.01)**
[25] FR
[54] **METHOD OF DETECTING AN INSECT INFESTATION**
[54] **PROCEDE DE DETECTION D'UNE INFESTATION D'INSECTES**
[72] LACAZE, ISABELLE, FR
[72] MOULARAT, STEPHANE, FR
[72] ROBINE, ENRIC, FR
[71] CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB), FR
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[86] 2018-12-21 (PCT/FR2018/053509)
[87] (WO2019/122781)
[30] FR (17 62893) 2017-12-21

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[51] **Int.Cl. A61K 8/46 (2006.01) A61K 8/92 (2006.01) A61Q 15/00 (2006.01)**
[25] EN
[54] **PERSONAL CARE COMPOSITION**
[54] **COMPOSITION DE SOINS PERSONNELS**
[72] WU, QIANG, US
[72] DU-THUMM, LAURENCE, US
[72] GAMBOGI, JOAN, US
[72] NABI, ZEENAT, US
[72] BIELLI, CRISTINA, US
[72] NWOSISI, JULIANA, US
[72] CHENG, SHUJIANG, US
[72] SIOMYK, HALYNA, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2020-05-07
[86] 2017-12-12 (PCT/US2017/065673)
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[51] **Int.Cl. D06N 3/00 (2006.01) D21H 17/02 (2006.01)**
[25] EN
[54] **FLEXIBLE MATERIAL, METHOD OF OBTAINING AND USES THEREOF**
[54] **MATIERE SOUPLE, PROCEDE D'OBTENTION ET SES UTILISATIONS**
[72] DE ALMEIDA MORGADO, JOSE, PT
[72] DO ROSARIO SILVA ROLEIRA MARINHO, MARIA AUGUSTA, PT
[72] PEREIRA VILACA, MARIA HELENA, PT
[72] REIS PEREIRA, JESSICA ALEXANDRA, PT
[72] SILVESTRE MENDES PINTO DE MOURA, BRUNA GABRIELA, PT
[72] DA SILVA SAMPAIO E PORTELA, ANA RUTE, PT
[72] PEREIRA DA COSTA AGUILAR RIBEIRO, HELENA ISABEL, PT
[72] TORRES MALGUEIRO, REGINA ANDREIA, PT
[72] DO CARMO CRISPIM RIBEIRO, LUIS FILIPE, PT
[72] COELHO TRINDADE, JOANA MARIA, PT
[72] DA SILVA TAVARES, ANA SOFIA, PT
[72] OLIVEIRA MARTINS DA SILVA, RICARDO JORGE, PT
[72] PIRES MARTINS DA SILVA, MARIO JORGE, PT
[72] REGADAS PINTO DE SA, VERA LUCIA, PT
[72] COUTOS DOS SANTOS VENTURA, SANDRA GABRIELA, PT
[72] SILVA ABREU, JOAO, PT
[72] ANTUNES SALGUEIRO GAIAO, JOAQUIM MANUEL, PT
[72] FERREIRA BRANCO MOURAO, RAQUEL ROSA, PT
[72] MARTINS CARDOSO DE MAGALHAES, PEDRO JOSE, PT
[71] TINTEX - TEXTILES, S.A, PT
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[54] **APPARATUS AND METHOD FOR MONITORING CONVEYOR SYSTEMS**
[54] **APPAREIL ET PROCEDE DE SURVEILLANCE DE SYSTEMES DE TRANSPORTEUR**
[72] DEVRIES, BRETT E., US
[72] ZEILINGER, TODD A., US
[72] DYKEMA, KURT ALAN, US
[72] MOELKER, DAVID ADRIAN, US
[71] FLEXIBLE STEEL LACING COMPANY, US
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[54] **DIVING MASK ENABLING PRESSURE EQUALISATION AT THE EARS**
[54] **MASQUE DE PLONGEE PERMETTANT L'EQUILIBRAGE DES PRESSIONS AU NIVEAU DES OREILLES**
[72] GRIMALDI, CHARLES, FR
[72] SORIGUE, QUENTIN, FR
[72] VIS, RAPHAEL, FR
[71] DECATHLON, FR
[85] 2020-06-17
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[25] EN
[54] **DELIVERY DEVICE, DELIVERY SYSTEM, STENT GRAFT AND A SUPPORT STRUCTURE**
[54] **DISPOSITIF DE POSE, SYSTEME DE POSE, ENDOPROTHESE ET STRUCTURE DE SUPPORT**
[72] FENOUIL, NATHALIE, FR
[72] CHAFFOTTE-GLUZIKI, PERRINE, FR
[72] POURCHET, JEAN-BAPTISTE, FR
[71] KARDIOZIS SAS, FR
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[54] **AUTONOMOUS DOMESTIC APPLIANCE AND SEATING OR LYING FURNITURE THEREFOR AS WELL AS DOMESTIC APPLIANCE**
[54] **APPAREIL ELECTROMENAGER AUTONOME ET MEUBLE DESTINE A S'ASSEOIR ET/OU A S'ALLONGER CORRESPONDANT AINSI QU'APPAREIL ELECTROMENAGER**
[72] MOWISCH, ANJA, DE
[71] SERVICE-KONZEPTE MM AG, DE
[85] 2020-06-17
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[51] **Int.Cl. A01N 1/02 (2006.01)**
[25] FR
[54] **MEDICAL DEVICE IN THE FORM OF A CARTRIDGE FOR PRESERVATION OF A CORNEAL SPECIMEN**
[54] **DISPOSITIF MEDICAL SOUS FORME DE CASSETTE POUR LA CONSERVATION D'UN PRELEVEMENT CORNEEN**
[72] GAIN, PHILIPPE, FR
[72] THURET, GILLES, FR
[72] HERBEPIN, PASCAL, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE, FR
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[54] **SYSTEM, DEVICE AND METHOD FOR PROCESSING DATA**
[54] **SYSTEME, DISPOSITIF ET PROCEDE PERMETTANT DE TRAITER DES DONNEES**
[72] FINDLAY, DENISE, GB
[72] CLEMENTS, HAROLD, GB
[71] SITA INFORMATION NETWORKING COMPUTING USA, INC., US
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[54] **AN OPTICAL WAVEGUIDE CROSSPOINT**
[54] **POINT DE CROISEMENT DE GUIDE D'ONDES OPTIQUE**
[72] WALKER, ROBERT, GB
[71] AXENIC LIMITED, GB
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[54] **CHLORINE TABLET PACKAGING**
[54] **EMBALLAGE POUR TABLETTE CHLOREE**
[72] SANCHEZ, MARYLINE, FR
[72] VENET, VALERIE, FR
[72] NGUON, LISA, FR
[71] EUROTAB, FR
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[25] EN
[54] **SYSTEM AND METHOD FOR PROVIDING ON-LINE MEASUREMENT OF IMPURITIES IN LIQUID ETHYLENE OXIDE STREAMS**
[54] **SYSTEME ET PROCEDE DE MESURE EN LIGNE DES IMPURETES CONTENUES DANS DES FLUX D'OXYDE D'ETHYLENE LIQUIDES**
[72] IDOWU, ADEMOLA D., US
[72] MAHONEY, LOUISE A., US
[72] CALLENDER, ROBERT M., US
[72] EMERY, CLAIR J., US
[71] DOW TECHNOLOGY INVESTMENTS, LLC, US
[85] 2020-06-12
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[25] EN
[54] **METHOD OF DISPLAYING AN IMAGE ON A SEE-THROUGH DISPLAY**
[54] **PROCEDE D'AFFICHAGE D'UNE IMAGE SUR UN DISPOSITIF D'AFFICHAGE TRANSPARENT**
[72] BIRBAUMER, ADRIEN, CH
[72] BOSCH, MARTINUS, CH
[72] SUSSTRUNK, SABINE, CH
[72] RACINE, JASON, CH
[71] ECOLE POLYTECNIQUE FEDERALE DE LAUSANNE (EPFL), CH
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[25] EN
[54] **VAPOUR PROVISION SYSTEMS**
[54] **SYSTEMES DE FOURNITURE DE VAPEUR**
[72] LEADLEY, DAVID, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-06-17
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[54] **ELECTRONIC AEROSOL PROVISION SYSTEM**
[54] **SYSTEME ELECTRONIQUE DE FOURNITURE D'AEROSOL**
[72] MOLONEY, PATRICK, GB
[72] DICKENS, COLIN, GB
[71] NICOVENTURES TRADING LIMITED, GB
[85] 2020-06-17
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[54] **PLANT-BASED PRODUCT AND PROCESS**
[54] **PRODUIT A BASE DE PLANTES ET PROCEDE CORRESPONDANT**
[72] MYLLARINEN, PAIVI, FI
[72] OIKARINEN, KRISTIINA, FI
[72] RAJAKARI, KIRSI, FI
[71] VALIO LTD, FI
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[54] **ADAPTER KIT FOR A BATTERY POWERED ROTARY TOOL, A ROTARY TOOL, AND A ROTARY SWAB**
[54] **KIT ADAPTATEUR POUR UN OUTIL ROTATIF ALIMENTE PAR BATTERIE, OUTIL ROTATIF ET ECOUVILLON ROTATIF**
[72] CHOATE, JOHN R., US
[71] MYCO INDUSTRIES, INC., US
[85] 2020-06-17
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[25] FR
[54] **POISSON A PORTANCE HYDRODYNAMIQUE VARIABLE DE FACON REVERSIBLE ET LIGNE DE REMORQUAGE COMPRENANT LE POISSON**
[54] **TOWFISH WITH REVERSIBLY VARIABLE HYDRODYNAMIC LIFT AND TOWING LINE COMPRISING THE TOWFISH**
[72] CADALEN, FRANCOIS, FR
[72] WARNAN, FRANCOIS, FR
[72] JEZEQUEL, OLIVIER, FR
[72] LONGUET, JEAN-PHILIPPE, FR
[72] VICARIOT, PHILIPPE, FR
[71] THALES, FR
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[54] **CLAMPING DEVICE**
[54] **DISPOSITIF DE SERRAGE**
[72] FISHER, THOMAS EDWARD, GB
[72] GIEMZA, LEE, GB
[71] GRIPPLE LIMITED, GB
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[54] **CORIOLIS MASS FLOWMETER**
[54] **DISPOSITIF DE MESURE DU DEBIT MASSIQUE DE CORIOLIS**
[72] SCHERRER, REMY, FR
[71] ENDRESS+HAUSER FLOWTEC AG, CH
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[25] EN
[54] **METHOD FOR PRODUCING AN EXTRACT OF CEREAL AND METHOD FOR PROCESSING THIS EXTRACT INTO BEVERAGE**
[54] **PROCEDE DE PRODUCTION D'UN EXTRAIT DE CEREALE ET PROCEDE DE TRAITEMENT DE CET EXTRAIT EN BOISSON**
[72] LOK, FINN, DK
[72] KRUCEWICZ, KATARZYNA, DK
[72] MARRI, LUCIA, DK
[72] SKADHAUGE, BIRGITTE, DK
[72] KNUDSEN, SOREN, DK
[72] WENDT, TONI, DK
[72] OLSEN, OLE, DK
[71] CARLSBERG A/S, DK
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[51] **Int.Cl. G01N 33/74 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **METHOD OF ASSESSING GROWTH HORMONE DEFICIENCY IN HUMANS BY A MACIMORELIN CONTAINING COMPOSITION**
[54] **METHODE D'EVALUATION D'UNE DEFICIENCE EN HORMONE DE CROISSANCE CHEZ DES ETRES HUMAINS PAR UNE COMPOSITION CONTENANT DE LA MACIMORELINE**
[72] AMMER, NICOLA, DE
[72] MUELLER, GILBERT, DE
[72] SACHSE, RICHARD, DE
[72] SINDERMANN, HERBERT, DE
[71] AETERNA ZENTARIS GMBH, DE
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[25] EN
[54] **BIGUANIDE DERIVATIVES AND THEIR REARRANGEMENT PRODUCTS FOR USE IN THE TREATMENT OF CANCER**
[54] **DERIVES DE BIGUANIDE ET LEURS PRODUITS DE REARRANGEMENT DESTINES A ETRE UTILISES DANS LE TRAITEMENT DU CANCER**
[72] BENHIDA, RACHID, FR
[72] ROCCHI, STEPHANE, FR
[72] RONCO, CYRIL, FR
[72] JAUNE, EMILIE, FR
[72] GRYTSAI, OLEKSANDR, FR
[72] TEKAYA, NEDRA, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[71] UNIVERSITE COTE D'AZUR, FR
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[54] **BIOREACTORS FOR ROOT ORGAN CULTURES**
[54] **BIOREACTEURS POUR CULTURE IN VITRO D'ORGANES RACINAIRES**
[72] BRILLMANN, MARKUS, AT
[72] KRAUTWASCHL, PAUL, AT
[72] REICHELT, WIELAND, AT
[72] HERWIG, CHRISTOPH, AT
[71] EVOLOGIC TECHNOLOGIES GMBH, AT
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[54] **COMPOSITIONS AND METHODS FOR PREVENTING AND TREATING CONDITIONS**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE PREVENIR ET DE TRAITER DES PATHOLOGIES**
[72] CRISCIONE, JASON M., US
[71] ANSELLA THERAPEUTICS, INC., US
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[25] EN
[54] **PESTICIDAL COMPOUNDS**
[54] **COMPOSES PESTICIDES**
[72] CHAUDHURI, RUPSHA, IN
[72] SAMBASIVAN, SUNDERRAMAN, IN
[72] NARINE, ARUN, DE
[72] ADISECHAN, ASHOKKUMAR, IN
[72] VYAS, DEVENDRA, IN
[71] BASF SE, DE
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[25] EN
[54] **A COMPOSITION WITH REDUCED ALDEHYDE EMISSION**
[54] **COMPOSITION A EMISSION D'ALDEHYDE REDUITE**
[72] WU, PENGFEI, CN
[72] BONAMI, LIES, BE
[72] ZHANG, YUEFAN, CN
[72] BOSMAN, JORIS KAREL PETER, BE
[72] ZHU, XUERONG, CN
[72] WELVAERT, INGRID, BE
[71] HUNTSMAN INTERNATIONAL LLC, US
[85] 2020-06-17
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[25] EN
[54] **MEDICAMENT FOR PREVENTION OR TREATMENT OF RHINOVIRUS INFECTION**
[54] **MEDICAMENT POUR LA PREVENTION OU LE TRAITEMENT D'UNE INFECTION A RHINOVIRUS**
[72] STOCKL, JOHANNES, AT
[72] GUALDONI, GUIDO, AT
[71] MEDIZINISCHE UNIVERSITAT WIEN, AT
[85] 2020-06-17
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[54] **ON-DEMAND ROADWAY STEWARDSHIP SYSTEM**
[54] **SYSTEME DE SURVEILLANCE ROUTIERE A LA DEMANDE**
[72] RATTI, JAYANT, IN
[71] RATTI, JAYANT, IN
[85] 2020-06-17
[86] 2017-12-20 (PCT/IB2017/058184)
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[25] EN
[54] **DIRECTED FREEZING PRECIPITATION DETECTION DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DETECTION DIRIGEE DE PRECIPITATION VERGLACANTE**
[72] O'NAGY, OLIVER, DE
[71] LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST), LU
[85] 2020-06-17
[86] 2018-12-18 (PCT/EP2018/085678)
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[54] **BEVERAGE DISPENSER WITH A PLURALITY OF DISSOLUTION CHAMBERS**
[54] **DISTRIBUTEUR DE BOISSONS POURVU D'UNE PLURALITE DE CHAMBRES DE DISSOLUTION**
[72] DUBIEF, FLAVIEN, CH
[72] SCORRANO, LUCIO, CH
[72] BAUDET, LARRY, CH
[72] CHEVALLEY, SAMUEL, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **ENDOSCOPIC NON-CONTACT MEASUREMENT DEVICE**
[54] **DISPOSITIF DE MESURE ENDOSCOPIQUE SANS CONTACT**
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[72] DELCHAMBRE, ALAIN, BE
[72] PETRE, MAXIME, BE
[72] DEVIERE, JACQUES, BE
[72] LEDUC, DIMITRI, BE
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[54] **IMPLANT FOR REPAIR AND REGENERATION OF SOFT TISSUE**
[54] **PROCEDES DE REPARATION ET DE REGENERATION DES TISSUS MOUS**
[72] HASSLER, MICHEL, FR
[72] OUENZERFI, GHASSENE, FR
[71] TORNIER, FR
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[54] **REAR SUSPENSION ASSEMBLY FOR A VEHICLE**
[54] **ENSEMBLE SUSPENSION ARRIERE POUR UN VEHICULE**
[72] BRADY, LOUIS J., US
[72] NUTTER, JOHN M., US
[72] GIESE, TIMOTHY J., US
[72] HANSEN, DONALD S., US
[71] POLARIS INDUSTRIES INC., US
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[54] **NOUVEL INHIBITEUR GALACTOSIDE DE GALECTINES**
[72] ZETTERBERG, FREDRIK, SE
[71] GALECTO BIOTECH AB, DK
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[54] **BEVERAGE PREPARATION MACHINE WITH HANDY DROP STOP**
[54] **MACHINE DE PREPARATION DE BOISSONS AVEC ANTI-GOUTTE PRATIQUE**
[72] KRISTLBAUER, JURGEN, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
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[54] **VEHICULE A NEIGE**
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[71] PRINOTH AG, IT
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[54] **ROBOTIC OPTICAL NAVIGATIONAL SURGICAL SYSTEM**
[54] **SYSTEME CHIRURGICAL DE NAVIGATION OPTIQUE ROBOTIQUE**
[72] CANADY, JEROME, US
[72] CANADY, CHEFFREN, US
[72] ZHUANG, TAISEN, US
[72] TABATABAI, DANIEL, US
[72] WU, TSE HUAI, US
[72] WIGH, SHRUTI, US
[72] HINDS, DAVID, US
[71] U.S. PATENT INNOVATIONS, LLC, US
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[54] **FLUORESCENT POLYMERIC COATING FILM FOR MEDICAL DEVICES**
[54] **FILM DE REVETEMENT POLYMERE FLUORESCENT POUR DISPOSITIFS MEDICAUX**
[72] KLYMCHENKO, ANDREY, FR
[72] ANDREIUK, BOHDAN, FR
[72] KONG, SEONG-HO, KR
[72] DIANA, MICHELE, FR
[72] SOARES, RENATO, BR
[71] UNIVERSITE DE STRASBOURG, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT HOSPITALO-UNIVERSITAIRE DE CHIRURGIE MINI-INVASIVE GUIDEE PAR L'IMAGE, FR
[71] INSTITUT DE RECHERCHE CONTRE LES CANCERS DE I'APPAREIL DIGESTIF (IRCAD), FR
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[54] **SPECIFIC PD-L1 BINDING SEQUENCES INSERTED IN A CH3 DOMAIN**
[54] **SEQUENCES DE LIAISON SPECIFIQUES A PD-L1 INSEREES DANS UN DOMAINE CH3**
[72] TUNA, MIHRIBAN, GB
[72] WOLLERTON VAN HORCK, FRANCISCA, GB
[72] FIEHLER, RYAN, GB
[72] FAROUDI, MUSTAPHA, GB
[72] AKELE, FREDERICK, GB
[72] BADR, FADI, GB
[72] PRIVEZENTZEV, CYRIL, GB
[71] F-STAR BETA LIMITED, GB
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[54] **TREATMENT FOR INFLAMMATORY DISEASE**
[54] **TRAITEMENT D'UNE MALADIE INFLAMMATOIRE**
[72] FRYKNAS, MARTEN, SE
[72] LARSSON, ROLF, SE
[72] NYGREN, PETER, SE
[71] REPOS PHARMA AB, SE
[85] 2020-06-17
[86] 2018-12-19 (PCT/EP2018/085963)
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[51] **Int.Cl. B64C 39/00 (2006.01)**
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[54] **HIGH ENDURANCE UNMANNED AERIAL VEHICLE**
[54] **VEHICULE AERIEN SANS PILOTE A ENDURANCE ELEVEE**
[72] RATTI, JAYANT, IN
[71] RATTI, JAYANT, IN
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[54] **SEPARATOR, SEPARATOR SYSTEM AND METHODS OF THEIR OPERATION**
[54] **SEPARATEUR, SYSTEME DE SEPARATEUR ET PROCEDES POUR LEUR FONCTIONNEMENT**
[72] GUSTAVSSON, DANIEL, SE
[72] FOGELBERG, ANDREAS, SE
[71] HUSQVARNA AB, SE
[85] 2020-06-17
[86] 2018-09-05 (PCT/SE2018/050887)
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[54] **ARTICLE TRACKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SUIVI D'ARTICLE**
[72] SANGLIER, ADRIEN, CH
[72] MALINOFSKY, ANDREW ERIC, US
[71] SITA INFORMATION NETWORKING COMPUTING USA, INC., US
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[25] FR
[54] **METHOD OF PREPARING A HEAT-MODIFIED STARCH**
[54] **PROCEDE DE PREPARATION D'UN AMIDON THERMIQUEMENT MODIFIE**
[72] BOCK, SOLENE, FR
[72] WIATZ, VINCENT, FR
[72] QUETTIER, CLAUDE, FR
[71] ROQUETTE FRERES, FR
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[25] EN
[54] **METHOD FOR RECONDITIONING OF VACUUM INTERRUPTERS**
[54] **PROCEDE DE RECONDITIONNEMENT D'INTERRUPTEURS A VIDE**
[72] LEDBETTER, FINLEY LEE, US
[71] LEDBETTER, FINLEY LEE, US
[85] 2020-05-15
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[25] EN
[54] **DIARYL SUBSTITUTED 5,5-FUSED RING COMPOUNDS AS C5AR INHIBITORS**
[54] **COMPOSES CYCLIQUES FUSIONNES EN 5,5 A SUBSTITUTION DIARYLE, UTILISES EN TANT QU'INHIBITEURS DU C5AR**
[72] FAN, PINGCHEN, US
[72] LANGE, CHRISTOPHER W., US
[72] LUI, REBECCA M., US
[72] MALATHONG, VIENGKHAM, US
[72] MALI, VENKAT REDDY, US
[72] PUNNA, SREENIVAS, US
[72] SINGH, RAJINDER, US
[72] ZENG, YIBIN, US
[72] ZHANG, PENGLIE, US
[71] CHEMOCENTRYX, INC., US
[85] 2020-06-16
[86] 2018-12-20 (PCT/US2018/066677)
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[25] EN
[54] **INJECTION MOLD AND METHOD FOR PRODUCING A DOUBLE WALLED DRINKING VESSEL, THE DOUBLE WALLED DRINKING VESSEL COMPRISING AN OUTER CONTAINER AND AN INNER CONTAINER**
[54] **MOULE D'INJECTION ET PROCEDE DE PRODUCTION D'UN RECIPIENT A BOIRE A DOUBLE PAROI, LE RECIPIENT A BOIRE A DOUBLE PAROI COMPRENANT UN CONTENANT EXTERNE ET UN CONTENANT INTERNE**
[72] BODUM, JORGEN, CH
[71] PI-DESIGN AG, CH
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[25] EN
[54] **HIGH PERFORMANCE AQUEOUS COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT AQUEUX A HAUTES PERFORMANCES**
[72] SANDOVAL, ROBERT, US
[72] KLEN, JOSEPH, US
[72] HIBBEN, MARY JANE, US
[72] WILDMAN, MICHAEL C., US
[71] SWIMC LLC, US
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[86] 2018-12-20 (PCT/US2018/066829)
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[51] **Int.Cl. A61J 1/06 (2006.01) A61J 1/16 (2006.01)**
[25] EN
[54] **SMART VIAL ADAPTER AND METHOD**
[54] **ADAPTATEUR DE FLACON INTELLIGENT ET PROCEDE ASSOCIE**
[72] HANG, TIANQI, US
[72] SIDDIQUI, UZAIR, US
[71] BECTON, DICKINSON AND COMPANY, US
[85] 2020-06-16
[86] 2018-12-20 (PCT/US2018/066830)
[87] (WO2019/139766)
[30] US (62/616,688) 2018-01-12
[30] US (16/051,177) 2018-07-31
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[51] **Int.Cl. B21B 45/02 (2006.01)**
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[54] **APPARATUS FOR THE THERMAL TREATMENT OF METALLIC PRODUCTS**
[54] **APPAREIL POUR LE TRAITEMENT THERMIQUE DE PRODUITS METALLIQUES**
[72] SACCOMAN, UMBERTO, IT
[72] SZABLOWSKI, ZDZISLAW, IT
[72] TREU, RICCARDO, IT
[71] DANIELI & C. OFFICINE MECCANICHE S.P.A., IT
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[54] **MAPPING METHOD AND SYSTEM FOR MAPPING A REAL ENVIRONMENT**
[54] **PROCEDE ET SYSTEME DE MAPPAGE POUR CARTOGRAPHIER UN ENVIRONNEMENT REEL**
[72] DAL LAGO, GIANLUCA, IT
[72] DELFIORE, ROBERTO, IT
[71] SR LABS S.R.L., IT
[85] 2020-06-17
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[25] EN
[54] **COOKTOP WITH INTEGRATED EXTRACTION UNIT AND SCALE**
[54] **PLAQUE DE CUISSON A UNITE D'EXTRACTION ET BALANCE INTEGREES**
[72] BARIVIERA, DIEGO, IT
[72] CIMINO, MARCO, IT
[72] MARTELLI, MANUELE, IT
[72] MENICONI, LUCA, IT
[71] ELICA S.P.A, IT
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[25] EN
[54] **LIGHT TO HEAT CONVERSION LAYER, DONOR SHEET USING LIGHT TO HEAT CONVERSION LAYER, AND METHOD FOR PRODUCING LIGHT TO HEAT CONVERSION LAYER**
[54] **COUCHE DE CONVERSION PHOTOTHERMIQUE, FEUILLE DONNEUSE UTILISANT UNE COUCHE DE CONVERSION PHOTOTHERMIQUE, ET PROCEDE DE PRODUCTION DE COUCHE ET DE FEUILLE**
[72] TSUNEMATSU, HIROFUMI, JP
[72] CHONAN, TAKESHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2020-05-21
[86] 2018-09-14 (PCT/JP2018/034176)
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[54] **UREA SUPPLEMENT FOR ANIMAL NUTRITION**
[54] **COMPLEMENTATION D'UREE POUR LA NUTRITION ANIMALE**
[72] LAZA-KNOERR, ANCA L., FR
[72] DUMARGUE, PHILIPPE, FR
[71] AGRO INNOVATION INTERNATIONAL, FR
[85] 2020-06-15
[86] 2018-12-14 (PCT/FR2018/053304)
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[25] EN
[54] **MODIFIED RELEASE DRUG POWDER COMPOSITION COMPRISING GASTRO-RETENTIVE RAFT FORMING SYSTEMS HAVING TRIGGER PULSE DRUG RELEASE**
[54] **COMPOSITION DE POUDRE DE MEDICAMENT A LIBERATION MODIFIEE COMPRENANT DES SYSTEMES DE FORMATION DE RAFT DE RETENTION GASTRIQUE AYANT UNE LIBERATION DE MEDICAMENT PAR IMPULSIONS DEDECLENCHEMENT**
[72] JAIN, PARAS RAMESHLAL, US
[72] CHAUDHARI, SACHIN VASANT, US
[71] TRIS PHARMA, INC., US
[85] 2020-06-17
[86] 2018-12-18 (PCT/US2018/066303)
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[51] **Int.Cl. E21B 33/138 (2006.01) E21B 21/00 (2006.01) E21B 21/10 (2006.01)**
[25] EN
[54] **DELIVERING MATERIALS DOWNHOLE USING TOOLS WITH MOVEABLE ARMS**
[54] **DISTRIBUTION DE MATERIAUX EN FOND DE TROU A L'AIDE D'OUTILS A BRAS MOBILES**
[72] ALBAHRANI, HUSSAIN, SA
[72] ALJUBRAN, MOHAMMAD, SA
[72] MOELLENDICK, TIMOTHY E., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
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[54] **METHODS OF STABILIZING DRONABINOL**
[54] **PROCEDES DE STABILISATION DE DRONABINOL**
[72] NARAYANAN, ESHWARAN, US
[72] WAKASKAR, RAJESH, US
[72] INAVOLU, RACHANA, US
[72] POTTA, THRIMOORTHY, US
[72] GOSKONDA, VENKAT R., US
[71] INSYS DEVELOPMENT COMPANY, INC., US
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[54] **NEUROTOXINS FOR USE IN MINIMIZING SCARRING**
[54] **NEUROTOXINES DESTINEES A ETRE UTILISEES POUR REDUIRE AU MINIMUM LA FORMATION DE CICATRICES**
[72] ABUSHAKRA, SAWSAN, US
[72] AHMAD, WAJDIE, US
[72] HASAN, FAUAD, US
[72] JARPE, MICHAEL, US
[71] BONTI, INC., US
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[25] EN
[54] **SYSTEMS FOR REGULATING GLUCOSE LEVELS INCLUDING TREATING DIABETES**
[54] **SYSTEMES DE REGULATION DES TAUX DE GLYCEMIE COMPRENANT LE TRAITEMENT DU DIABETE**
[72] KOYA, VIJAY, US
[72] ANNONI, ELIZABETH M., US
[72] CLARK, BRYAN A., US
[72] FORSYTH, BRUCE, US
[72] CAO, HONG, US
[72] DEWITT, MATTHEW R., US
[72] SRIVASTAVA, KYLE H., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[25] EN
[54] **MEDICATION DISPENSING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE MEDICAMENT**
[72] HANG, TIANQI, US
[72] SIDDIQUI, UZAIR, US
[71] BECTON, DICKINSON AND COMPANY, US
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[86] 2018-12-20 (PCT/US2018/066842)
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[30] US (62/616,688) 2018-01-12
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[54] **TRANSDERMAL ADHESIVE COMPOSITION COMPRISING A VOLATILE LIQUID THERAPEUTIC AGENT HAVING LOW MELTING POINT**
[54] **COMPOSITION ADHESIVE TRANSDERMIQUE COMPRENANT UN AGENT THERAPEUTIQUE LIQUIDE VOLATIL A BAS POINT DE FUSION**
[72] LEE, EUN SOO, US
[72] SINGH, PARMINDER, US
[72] SAGI, APPALA, US
[72] JAIN, AMIT K., US
[71] CORIUM, INC., US
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[86] 2018-12-20 (PCT/US2018/066848)
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[54] **MATERIAU D'ALLIAGE TIAL, SON PROCEDE DE PRODUCTION ET PROCEDE DE FORGEAGE DE MATERIAU D'ALLIAGE TIAL**
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[72] BABA, MASANOBU, JP
[72] SAKAKIBARA, YOHEI, JP
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[54] **STATION DE POMPAGE PREDICTIVE ET SYSTEME DE COMMANDE AVANCE DE PIPELINE**
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[71] SIEMENS GAS AND POWER GMBH & CO. KG, DE
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[54] **PROCEDE ET SYSTEME DE DETECTION ET DE QUANTIFICATION D'IRREGULARITES DANS UN CANAL FLUIDIQUE**
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[54] **APPAREILS DE CRIBLAGE MOULES PAR INJECTION ET PROCEDES**
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[54] **COMPOSITIONS DE CARBURANT MARIN A FAIBLE TENEUR EN SOUFRE**
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[72] FRUCHEY, ERIN R., US
[72] KAR, KENNETH C. H., US
[72] RUBIN-PITEL, SHERYL B., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **JUMEAU NUMERIQUE DE POMPE CENTRIFUGE DANS DES SYSTEMES DE POMPAGE**
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[54] **ANTAGONISTES DE TLR7/8 ET LEURS UTILISATIONS**
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[71] MERCK PATENT GMBH, DE
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[54] **DETERMINATION DE LA TENEUR EN HYDROCARBURES DANS UN CONDENSAT DE VAPEUR**
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[72] HENRY, RAYMOND J., CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **REVETEMENT COMPOSITE TRIDIMENSIONNEL RENFORCE PAR UNE MOUSSE DE GRAPHENE ET SYSTEMES DE DEGIVRAGE L'UTILISANT**
[72] AGARWAL, ARVIND, US
[72] BOESL, BENJAMIN, US
[72] BUSTILLOS, JENNIFFER, US
[72] ZHANG, CHENG, US
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[54] **SYSTEMES DE POMPE A PERFUSION ET PROCEDES POUR ENSEMBLES D'ADMINISTRATION**
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[72] DROST, JAMES B., US
[72] LACY, CHRISTOPHER A., US
[72] SANBORN, JONATHAN, US
[72] ADAMSON, DANIEL L., US
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[72] PLAGER, STEVEN, US
[72] KRAUTBAUER, KEVIN, US
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[72] ZALESKY, LARRY R., US
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[72] KMEC, TOMAS, US
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[72] GAJDOS, MICHAL, US
[72] ELNAGGAR, OMAR, US
[71] CITRIX SYSTEMS, INC., US
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[54] **SYSTEME DE COMMUNICATION DE VEHICULE A VEHICULE**
[72] ELGEE, STEVEN B., US
[72] KLAUS, RICHARD I., US
[72] PUCKETTE, ROBERT B.E., US
[72] WOTTON, GEOFFREY, US
[71] POLARIS INDUSTRIES INC., US
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[54] **COMMANDE DE PUISSANCE D'EMISSION POUR DES DISPOSITIFS DE COMMUNICATION SANS FIL**
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[72] MANI, MEHDI, US
[71] ITRON GLOBAL SARL, US
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[54] **FLUOROPHORES POLYMERES, COMPOSITIONS LES COMPRENANT, ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
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[72] HU, GONGFANG, US
[72] LIU, RUI, US
[71] NORTH CAROLINA STATE UNIVERSITY, US
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[54] **ARYLSULFATASE A PURIFIEE ET COMPOSITIONS ASSOCIEES**
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[72] ENRIQUEZ, GEORGE, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
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[54] **PROCEDE DE PREPARATION DE COMPOSES PYRIMIDINYL-4-AMINOPYRAZOLE**
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[72] SUDHAKAR, ANANTHA, US
[71] DENALI THERAPEUTICS INC., US
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[54] **ENROBAGE PROTECTEUR DE MEMBRANE EN OXYDE DE GRAPHENE**
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[72] LIN, WEIPING, US
[72] ERICSON, JOHN, US
[72] KITAHARA, ISAMU, US
[72] SIDDIQUI, OZAIR, US
[72] HSIEH, WAN-YUN, US
[72] WANG, PENG, US
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[54] **POLYPEPTIDES DU DOMAINE DE LIAISON CELLULAIRE DE TOXINE BOTULIQUE ET PROCEDES D'UTILISATION POUR LE RAJEUNISSEMENT DE LA PEAU**
[72] JACKY, BIRGITTE PS, US
[72] BRIDEAU-ANDERSEN, AMY, US
[72] YOU, HUI, US
[72] MALIK, SHIAZAH Z., US
[72] FRAIL, DONALD E., US
[72] BRIN, MITCHELL F., US
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[54] **POLYPEPTIDES DU DOMAINE DE LIAISON CELLULAIRE DE TOXINE BOTULIQUE ET PROCEDES D'UTILISATION POUR DES TRAITEMENTS DE TROUBLES ASSOCIES A LA FIBROSE**
[72] JACKY, BIRGITTE PS, US
[72] BRIDEAU-ANDERSEN, AMY, US
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[54] **PROCEDES D'ELIMINATION AMELIOREE D'IMPURETES PENDANT UNE CHROMATOGRAPHIE PAR AFFINITE AVEC LA PROTEINE A**
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[71] GENZYME CORPORATION, US
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[54] **COMPOSITIONS DE VCAR ET METHODES D'UTILISATION**
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[54] **IMPLANT MENISCAL BIO-IMPRIME ET SES PROCEDES D'UTILISATION**
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[72] BEYER, SIMON, CA
[72] MOHAMED, TAMER, CA
[72] WALUS, KONRAD, CA
[72] KAMAL KHAN, MOHAMMAD MOSTOFA, CA
[72] KAPYLA, ELLI, CA
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[72] AULT, JOE, US
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[54] **COMPOSITIONS ET METHODES PERMETTANT DE TRAITER LES TROUBLES DU SNC**
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[72] BLANCO-PILLADO, MARIA JESUS, US
[72] LA, DANIEL, US
[72] HARRISON, BOYD L., US
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[54] **SYSTEME DE SUPPORT MODULAIRE POUR UNE CIGARETTE DE MARIJUANA, NOVATEUR DU POINT DU POINT DE VUE THERMODYNAMIQUE**
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[54] **DOUBLE JOINT D'ETANCHEITE POUR APPLICATEUR A BROSSE**
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[72] FORSCHLER, ROBERT D., US
[71] FLOCON, INC., US
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[71] HUSQVARNA AB, SE
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[72] COVAULT, RAYNE, US
[72] FANNING, KEVIN, US
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[54] **SYSTEME ET PROCEDE DE FONCTIONNEMENT D'UNE LIGNE DE LIQUEFACTION**
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[72] CARRETTE, PIERRE CHRISTIAN MARIE, BN
[72] KHAJAVI, HOSSEIN, NL
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[54] **ENSEMBLE ET SYSTEME DE RETENUE DE DRAINAGE D'EAUX PLUVIALES**
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[72] DESJARLAIS, JOHN, US
[72] VARMA, RAJAT, US
[72] RASHID, RUMANA, US
[72] SCHUBBERT, SUZANNE, US
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[54] **EXTENSEUR EN DUPLEX INTEGRAL DANS UN RESEAU EN DUPLEX INTEGRAL**
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[72] GREENE, CLARKE V., US
[72] AL-BANNA, AYHAM, US
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[54] **GRANULES THERMOFUSIBLES CONTENANT DES ENZYMES, COMPRENANT UN DESHYDRATANT THERMOTOLERANT**
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[72] PEYMAN, MOSLEMY, US
[71] DANISCO US INC., US
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[54] **SIMULATEUR CHIRURGICAL D'EXCISION MESORECTALE TOTALE**
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[72] O'NEIL, VIRGIL, US
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[54] **REACTIFS DE COUPLAGE ANTIGENE-ADJUVANT ET PROCEDES D'UTILISATION**
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[72] MOYER, TYSON, US
[72] SCHIEF, WILLIAM R., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[72] GAMBLE, SAMANTHA JO, US
[72] SKELTON, ROBERT COLEMAN, US
[72] FOSTER, PAUL THOMAS, US
[72] SLIPY, MICHAEL JOHN, US
[72] HALE, JASON PAUL, US
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[72] RENHOWE, PAUL ALLAN, US
[72] NAKAI, TAKASHI, US
[72] MERMERIAN, ARA, US
[72] CUMBERBATCH, HELEN, US
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[72] HEBBLEWHITE, HARRY, US
[72] RHINEHART, ANDREW, US
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[72] SIVILL, MICHAEL, US
[72] BEGGS, RYAN P., US
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[72] KNUTSON, PERRY, US
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[54] **SYSTEME POUR TRANSFERT D'UNE CHARGE UTILE A UNE CELLULE**
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[72] ABDELJAWAD, TAREK, US
[72] BERNSTEIN, HOWARD, US
[71] SQZ BIOTECHNOLOGIES COMPANY, US
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[54] **ORIFICES D'ACCES MEDICAL, DISPOSITIFS DE TRANSFERT ET LEURS PROCEDES D'UTILISATION**
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[72] BUTZIGER, JOHN M., US
[72] MURPHY, RONALD P., US
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[72] FROST, SIMON, US
[71] CITRIX SYSTEMS, INC., US
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[54] **PROCEDE ET SYSTEME DE CAPTURE D'ETIQUETTES DE REALITE DE TERRAIN DE CARACTERES DE PLANTES**
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[72] BITTERMAN, MATTHEW A., US
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[72] BROWN, DAVID R., US
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[72] AL-QAISI, MUHAMMAD K, US
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[54] **FORMULATION DE PEROXYDICARBONATE DE DI(4-TERT-BUTYLCYCLOHEXYLE)**
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[72] TALMA, AUKE GERARDUS, NL
[72] MAJOOR, MARKUS OLIVER, NL
[72] DEN BRABER, ANTONIE, NL
[72] JANSEN, MARTIN HERMANUS MARIA, NL
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[54] **SYSTEME ET PROCEDE DE GESTION D'INFORMATIONS ENTRE UN SERVEUR ET UN DISPOSITIF INFORMATISE**
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[71] MAGIC SOLUTION CREATIVE COMMUNICATION AND COMPUTING LTD, IL
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[54] **PRODUITS DE BOULANGERIE-PATISSERIE CONTENANT DE L'AMIDON DE MANIOC CIREUX PREGELATINISE**
[72] BAHAMMOU, RACHAEL, US
[72] DE LA PENA, ELENA, US
[72] UZUNALIOGLU, DILEK, US
[72] SULLIVAN, JEFFREY, US
[71] CORN PRODUCTS DEVELOPMENT, INC., US
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[54] **ENSEMBLE CHAUFFANT POUR DISPOSITIF DE PRODUCTION DE VAPEUR**
[72] BOUCHUIGUIR, LAYTH SLIMAN, CH
[72] YAMADA, MANABU, JP
[72] REFIOR, PHILIPP HANS, DE
[71] JT INTERNATIONAL SA, CH
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[72] UENO, RYUJI, US
[71] VLP THERAPEUTICS, LLC, US
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[54] **AGENT POUR LE TRAITEMENT D'UNE MALADIE DU SYSTEME NERVEUX**
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[72] YOSHIKAWA, HIDEKI, JP
[72] MOCHIZUKI, HIDEKI, JP
[72] MURASE, TSUYOSHI, JP
[72] SASAKI, TSUTOMU, JP
[72] BABA, KOUSUKE, JP
[72] IWAHASHI, TORU, JP
[72] NAIKI, MITSURU, JP
[71] OSAKA UNIVERSITY, JP
[71] NIPPON ZOKI PHARMACEUTICAL CO., LTD., JP
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[54] **DISPOSITIF POUR L'EXCITATION ELECTRIQUE DU ROTOR D'UNE MACHINE ELECTRIQUE ET PROCEDE POUR LE FAIRE FONCTIONNER**
[72] HILDINGER, THOMAS, BR
[71] VOITH PATENT GMBH, DE
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[54] **DOMAINE EXTRACELLULAIRE DE SOUS-UNITE ALPHA DU RECEPTEUR FC IGE, COMPOSITION PHARMACEUTIQUE LE COMPRENANT ET SON PROCEDE DE PRODUCTION**
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[72] YANG, ZUNGYOON, KR
[71] GI INNOVATION, INC., KR
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[51] **Int.Cl. C07C 267/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING CARBODIIMIDES**
[54] **PROCEDE DE PRODUCTION DE CARBODIIMIDES**
[72] LAUFER, WILHELM, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2020-06-18
[86] 2018-12-17 (PCT/EP2018/085127)
[87] (WO2019/121462)
[30] EP (17209011.0) 2017-12-20
[30] EP (17210799.7) 2017-12-28

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[51] **Int.Cl. A61K 35/744 (2015.01) A61K 35/745 (2015.01) A61K 35/747 (2015.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 39/395 (2006.01) A61P 37/08 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING PROBIOTICS AND POLYPEPTIDE HAVING BINDING AFFINITY FOR IGE AND USE THEREOF**
[54] **COMPOSITION COMPRENANT DES PROBIOTIQUES ET UN POLYPEPTIDE PRESENTANT UNE AFFINITE DE LIAISON POUR LES IGE ET SON UTILISATION**
[72] JANG, MYOUNG HO, KR
[72] SUNG, YOUNG CHUL, KR
[72] YANG, ZUNGYOON, KR
[71] GI INNOVATION, INC., KR
[85] 2020-06-17
[86] 2019-01-14 (PCT/KR2019/000524)
[87] (WO2019/139434)
[30] KR (10-2018-0004421) 2018-01-12

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[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) A47C 1/032 (2006.01) A47C 17/17 (2006.01) B60N 2/02 (2006.01) B60N 2/22 (2006.01) B61D 33/00 (2006.01)**
[25] EN
[54] **RECLINABLE PASSENGER SEAT**
[54] **SIEGE PASSAGER INCLINABLE**
[72] ERHEL, PHILIPPE, CA
[72] VIGEANT, JEROME, CA
[71] BOMBARDIER INC., CA
[85] 2020-06-18
[86] 2018-12-18 (PCT/CA2018/051614)
[87] (WO2019/119123)
[30] US (62/608,717) 2017-12-21

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[13] A1
[51] **Int.Cl. G01J 1/00 (2006.01) G01J 3/28 (2006.01) G02F 1/335 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR INFRARED SPECTROMETRY**
[54] **SYSTEME ET PROCEDE DE SPECTROMETRIE INFRAROUGE**
[72] LEGARE, FRANCOIS, CA
[72] SCHMIDT, BRUNO E., CA
[71] INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE, CA
[85] 2020-06-18
[86] 2018-12-10 (PCT/CA2018/051571)
[87] (WO2019/119113)
[30] US (62/608,026) 2017-12-20

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[13] A1
[51] **Int.Cl. C12N 15/77 (2006.01) C07K 14/34 (2006.01) C12P 13/08 (2006.01)**
[25] EN
[54] **A MICROORGANISM OF THE GENUS CORYNEBACTERIUM PRODUCING L-AMINO ACIDS AND A METHOD FOR PRODUCING L-AMINO ACIDS USING THE SAME**
[54] **MICRO-ORGANISME DU GENRE CORYNEBACTERIUM POUR LA PRODUCTION D'ACIDE L-AMINE ET PROCEDE DE PRODUCTION D'ACIDE L-AMINE A L'AIDE DE CELUI-CI**
[72] SON, SEUNG-JU, KR
[72] YOON, BYOUNG HOON, KR
[72] LEE, KWANG WOO, KR
[72] KIM, SEON HYE, KR
[72] BYUN, HYO JEONG, KR
[72] CHANG, JIN SOOK, KR
[72] KIM, HYUNG JOON, KR
[72] SHIN, YONG UK, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2020-06-17
[86] 2019-01-25 (PCT/KR2019/001067)
[87] (WO2019/147059)
[30] KR (10-2018-0009633) 2018-01-25

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[13] A1
[51] **Int.Cl. H04N 5/343 (2011.01) H04N 5/351 (2011.01) G01J 1/44 (2006.01) H04N 5/335 (2011.01)**
[25] FR
[54] **METHOD AND SYSTEM FOR IMAGING AT HIGH AND LOW LIGHT LEVELS**
[54] **PROCEDE ET SYSTEME D'IMAGERIE A HAUT ET BAS NIVEAUX DE LUMIERE**
[72] BENNAI, BAYA, FR
[72] MIDAVAINE, THIERRY, FR
[72] NORMANDIN, XAVIER, FR
[72] COURCOL, YVES, FR
[72] PERRUCHOT, LUDOVIC, FR
[71] THALES, FR
[85] 2020-06-18
[86] 2018-12-17 (PCT/EP2018/085234)
[87] (WO2019/121528)
[30] FR (1701327) 2017-12-19

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[13] A1
[51] **Int.Cl. H03F 3/08 (2006.01) H03F 3/45 (2006.01)**
[25] EN
[54] **LIGHT SENSOR AND DECAY-TIME SCANNER**
[54] **CAPTEUR DE LUMIERE ET DISPOSITIF DE BALAYAGE A TEMPS DE DESCENTE**
[72] PIERSON, FREDERIC, CH
[72] BONNY, JOEL, CH
[72] BRUGGER, SAMUEL, CH
[72] ZAHND, DANIEL, CH
[71] SICPA HOLDING SA, CH
[85] 2020-06-18
[86] 2018-12-13 (PCT/EP2018/084737)
[87] (WO2019/121315)
[30] EP (17210272.5) 2017-12-22

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[13] A1
[51] **Int.Cl. B64F 5/00 (2017.01) B64D 29/08 (2006.01) B64D 45/00 (2006.01)**
[25] EN
[54] **AIRCRAFT SERVICING PANEL**
[54] **PANNEAU D'ENTRETIEN D'AERONEF**
[72] FIGUEIREDO, EROL, CA
[71] BOMBARDIER INC., CA
[85] 2020-06-18
[86] 2018-12-17 (PCT/CA2018/051609)
[87] (WO2019/119118)
[30] US (62/608,146) 2017-12-20

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[13] A1
[51] **Int.Cl. B64D 45/00 (2006.01) G06F 3/048 (2013.01) H04L 12/58 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ASSISTING A FLIGHT CREW WITH CONTROLLER-PILOT DATA LINK COMMUNICATION**
[54] **SYSTEME ET PROCEDE D'ASSISTANCE D'UN EQUIPAGE DE VOL AVEC UNE COMMUNICATION CONTROLEUR-PILOTE PAR LIAISON DE DONNEES**
[72] OUELLETTE, BENOIT, CA
[72] COLOCYTHAS, KOSMAS, CA
[71] BOMBARDIER INC., CA
[85] 2020-06-18
[86] 2018-12-18 (PCT/CA2018/051613)
[87] (WO2019/119122)
[30] US (62/608,926) 2017-12-21

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[13] A1
[51] **Int.Cl. H01M 10/44 (2006.01) H01M 10/48 (2006.01)**
[25] FR
[54] **METHOD FOR MANAGING A CHARGE STATE OF A BATTERY LEFT TO REST**
[54] **PROCEDE DE GESTION D'UN ETAT DE CHARGE D'UNE BATTERIE LAISSEE AU REPOS**
[72] DELAILLE, ARNAUD, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[85] 2020-06-18
[86] 2018-12-18 (PCT/EP2018/085614)
[87] (WO2019/121756)
[30] FR (FR1762616) 2017-12-20

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[13] A1
[51] **Int.Cl. C07H 15/18 (2006.01) A61K 31/7028 (2006.01) A61K 31/7048 (2006.01) A61K 31/7064 (2006.01) A61K 31/7076 (2006.01) C07H 15/26 (2006.01) C07H 19/06 (2006.01) C07H 19/067 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING THE ORAL BIOAVAILABILITY OF A DRUG**
[54] **PROCEDE D'AMELIORATION DE LA BIODISPONIBILITE ORALE D'UN MEDICAMENT**
[72] MAC CORMICK, SOMHAIRLE, NL
[72] VEENEMAN, GERRIT HERMAN, NL
[71] PHARMACYTICS B.V., NL
[85] 2020-06-18
[86] 2018-12-18 (PCT/EP2018/085567)
[87] (WO2019/121734)
[30] EP (17209734.7) 2017-12-21

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[13] A1
[51] **Int.Cl. F16H 1/28 (2006.01) F16H 57/08 (2006.01)**
[25] EN
[54] **GEARBOX**
[54] **BOITE DE VITESSES**
[72] KLASSEN, JAMES BRENT, CA
[72] BOS, RICHARD, CA
[71] GENESIS ADVANCED TECHNOLOGY INC., CA
[85] 2020-04-14
[86] 2018-11-08 (PCT/CA2018/051419)
[87] (WO2019/090430)
[30] US (62/583,484) 2017-11-08
[30] US (62/757,158) 2018-11-07

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[13] A1
[51] **Int.Cl. B01D 61/36 (2006.01) B01D 53/22 (2006.01) B01D 69/12 (2006.01)**
[25] EN
[54] **SUPER-HYDROPHOBIC NANO-POROUS/MICRO-POROUS COMPOSITE MEMBRANES FOR MEMBRANE DISTILLATION OPERATING AT LOW INLET FEED TEMPERATURES WITH LOW ENERGY CONSUMPTION**
[54] **MEMBRANES COMPOSITES NANO-POREUSES/MICRO-POREUSES SUPER-HYDROPHOBES POUR DISTILLATION MEMBRANAIRE FONCTIONNANT A BASSES TEMPERATURES D'ALIMENTATION D'ENTREE AVEC UNE FAIBLE CONSOMMATION D'ENERGIE**
[72] ALSAMHOURI, AREEJ, SA
[72] GHAFFOUR, NOREDDINE, SA
[72] LEE, JUNGGIL, SA
[72] QTAISHAT, MOHAMMED RASOOL, JO
[72] MATSUURA, TAKESHI, CA
[71] SAUDI MEMBRANE DISTILLATION DESALINATION CO. LTD., SA
[71] QTAISHAT, MOHAMMED RASOOL, JO
[71] MATSUURA, TAKESHI, CA
[85] 2020-06-18
[86] 2018-12-18 (PCT/CA2018/051616)
[87] (WO2019/119125)
[30] US (62/599,950) 2017-12-18

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[13] A1
[51] **Int.Cl. G06F 21/78 (2013.01)**
[25] EN
[54] **ENCRYPTED STORAGE OF DATA**
[54] **MEMORISATION CHIFFREE DE DONNEES**
[72] WANG, TAO, CN
[71] BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD, CN
[85] 2020-06-18
[86] 2018-11-23 (PCT/CN2018/117234)
[87] (WO2019/120038)
[30] CN (201711366204.7) 2017-12-18
[30] CN (201711366203.2) 2017-12-18

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[13] A1
[51] **Int.Cl. C12N 15/67 (2006.01)**
[25] EN
[54] **CLICK-MODIFIED MRNA**
[54] **ARNM MODIFIE PAR CLIC**
[72] FRISCHMUTH, THOMAS, DE
[72] SERDJUKOW, SASCHA, DE
[72] GRAF, BIRGIT, DE
[72] CROCE, STEFANO, DE
[71] BASECLICK GMBH, DE
[85] 2020-06-18
[86] 2018-12-18 (PCT/EP2018/085676)
[87] (WO2019/121803)
[30] EP (17 209 585.3) 2017-12-21
[30] EP (18 157 703.2) 2018-02-20
[30] EP (18 202 542.9) 2018-10-25

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[51] **Int.Cl. F24V 50/00 (2018.01) F24T 50/00 (2018.01) F03G 4/00 (2006.01) F03G 7/04 (2006.01) H02N 11/00 (2006.01)**
[25] EN
[54] **GEOTHERMAL PILE**
[54] **PIEU GEOTHERMIQUE**
[72] GAMACHE, YVES, CA
[72] SALLOUM, ZIAD, CA
[71] INOTEV INC., CA
[85] 2020-06-18
[86] 2018-12-19 (PCT/CA2018/051625)
[87] (WO2019/119132)
[30] US (62/607,579) 2017-12-19

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[13] A1
[51] **Int.Cl. B01J 8/04 (2006.01) C01C 1/04 (2006.01)**
[25] EN
[54] **METHOD AND REACTOR FOR PERFORMING EXOTHERMIC REACTIONS**
[54] **PROCEDE ET REACTEUR POUR LA REALISATION DE REACTIONS EXOTHERMIQUES**
[72] SPETH, CHRISTIAN HENRIK, DK
[72] WIND, TOMMY LYKKE, DK
[72] THOMSEN, UFFE BACH, DK
[72] HANSEN, ANDERS HELBO, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085895)
[87] (WO2019/121949)
[30] DK (PA 2017 00733) 2017-12-20

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[13] A1
[51] **Int.Cl. H01L 51/46 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A LIGHT ABSORBING FILM WITH A PEROVSKITE-LIKE STRUCTURE**
[54] **PROCEDE DE PRODUCTION D'UN FILM ABSORBANT LA LUMIERE AYANT UNE STRUCTURE DE TYPE PEROVSKITE**
[72] GUDILIN, EVGENIJ ALEKSEEVICH, RU
[72] TARASOV, ALEKSEJ BORISOVICH, RU
[72] PETROV, ANDREJ ANDREEVICH, RU
[72] BELICH, NIKOLAJ ANDREEVICH, RU
[72] GRISHKO, ALEKSEJ YUR'EVICH, RU
[71] JOINT STOCK COMPANY KRASNOYARSK HYDROPOWER PLANT (JSC KRASNOYARSK HPP), RU
[85] 2020-06-17
[86] 2018-12-18 (PCT/RU2018/000834)
[87] (WO2019/132723)
[30] RU (2017145657) 2017-12-25

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) C07D 487/04 (2006.01)**
[25] FR
[54] **MTOR INHIBITOR COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE MTOR**
[72] CLARY, LAURENCE, FR
[72] FOURNIER, JEAN-FRANCOIS, FR
[72] OUVRY, GILLES, FR
[72] BHURRUTH-ALCOR, YUSHMA, US
[72] THOREAU, ETIENNE, FR
[72] TOMAS, LOIC, CH
[71] GALDERMA RESEARCH & DEVELOPMENT, FR
[85] 2020-06-18
[86] 2018-12-20 (PCT/EP2018/086074)
[87] (WO2019/122065)
[30] FR (1771402) 2017-12-21

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[13] A1
[51] **Int.Cl. B44C 3/08 (2006.01) A44C 21/00 (2006.01)**
[25] EN
[54] **DEVICE FOR MANUFACTURING A COMPOSITE ARTICLE (VARIANTS) AND ARTICLE**
[54] **DISPOSITIF DE PRODUCTION D'ARTICLE COMPOSITE (VARIANTES) ET ARTICLE**
[72] TRACHUK, ARKADIY VLADIMIROVICH, RU
[72] KURYATNIKOV, ANDREY BORISOVICH, RU
[72] KORNILOV, GEORGIY VALENTINOVICH, RU
[72] FEDOROVA, ELENA MIKHAILOVNA, RU
[72] AKININ, ALEXEY BORISOVICH, RU
[72] ZHAVORONKOV, KONSTANTIN GENRIKHOVICH, RU
[72] BOEV, SERGEY NIKOLAEVICH, RU
[72] SHCHEPIN, VIKTOR GENNADIEVICH, RU
[72] KHARLAMOV, KONSTANTIN VLADIMIROVICH, RU
[71] AKTSIONERNOE OBSHCHESTVO "GOZNAK" (AO "GOZNAK"), RU
[85] 2020-06-17
[86] 2018-12-28 (PCT/RU2018/000894)
[87] (WO2019/147165)
[30] RU (2018102690) 2018-01-24

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[13] A1
[51] **Int.Cl. A47J 31/46 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINE WITH DROP EVACUATION**
[54] **MACHINE DE PREPARATION DE BOISSON POURVUE D'UNE EVACUATION DE GOUTTES**
[72] KRISTLBAUER, JURGEN, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-18
[86] 2018-12-18 (PCT/EP2018/085360)
[87] (WO2019/121594)
[30] EP (17208722.3) 2017-12-20

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[13] A1
[51] **Int.Cl. G06T 7/41 (2017.01) G06Q 30/06 (2012.01) A47F 9/04 (2006.01) G07G 1/12 (2006.01)**
[25] EN
[54] **A RETAIL CHECKOUT TERMINAL FRESH PRODUCE IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION DE PRODUIT FRAIS DE TERMINAL DE CAISSE DE VENTE AU DETAIL**
[72] HERZ, MARCEL, AU
[72] SAMPSON, CHRISTOPHER, AU
[71] TILITER PTY LTD, AU
[85] 2020-06-18
[86] 2018-12-20 (PCT/AU2018/051369)
[87] (WO2019/119047)
[30] AU (2017905146) 2017-12-21

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[13] A1
[51] **Int.Cl. B32B 3/12 (2006.01) B29D 99/00 (2010.01) B29C 70/08 (2006.01) B29C 70/34 (2006.01) B32B 3/26 (2006.01) B32B 5/02 (2006.01) B32B 5/14 (2006.01) B32B 5/26 (2006.01) B32B 7/12 (2006.01) B32B 15/14 (2006.01) B32B 27/12 (2006.01) B32B 27/28 (2006.01) B32B 27/30 (2006.01) B32B 27/34 (2006.01) B32B 27/36 (2006.01) B32B 27/42 (2006.01) B32B 29/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING POLYURETHANE SANDWICH MOLDINGS**
[54] **PROCEDE DE FABRICATION D'ELEMENTS DE MOULE DE TYPE SANDWICH EN POLYURETHANE**
[72] PARTUSCH, GEORG, DE
[72] SCHNEIDER, JUERGEN, DE
[72] WESTERMANN, GERD, DE
[72] SCHMUTZER, KLAUS, DE
[71] BASF SE, DE
[85] 2020-06-15
[86] 2018-12-11 (PCT/EP2018/084328)
[87] (WO2019/121156)
[30] EP (17209234.8) 2017-12-21

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[13] A1
[51] **Int.Cl. A61K 38/01 (2006.01) A61K 31/132 (2006.01) A61K 38/17 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS USING A COMBINATION OF AUTOPHAGY INDUCER AND HIGH PROTEIN FOR INDUCTION OF AUTOPHAGY**
[54] **COMPOSITIONS ET METHODES UTILISANT UNE COMBINAISON D'INDUCTEUR D'AUTOPHAGIE ET DE PROTEINE RICHE POUR L'INDUCTION DE L'AUTOPHAGIE**
[72] CIVILETTO, GABRIELE, CH
[72] CUENOUD, BERNARD, CH
[72] FEIGE, JEROME, CH
[72] GUT, PHILIPP, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085745)
[87] (WO2019/121856)
[30] US (62/608,060) 2017-12-20

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[13] A1
[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/16 (2006.01) A61B 17/56 (2006.01)**
[25] EN
[54] **MINIMALLY INVASIVE HIP ARTHROPLASTY TECHNIQUES AND APPARATUS**
[54] **TECHNIQUES ET APPAREIL D'ARTHROPLASTIE DE LA HANCHE MINIMALEMENT INVASIVE**
[72] WALKER, PETER, AU
[71] PMSW RESEARCH PTY LTD, AU
[85] 2020-06-18
[86] 2018-12-21 (PCT/AU2018/051375)
[87] (WO2019/119052)
[30] AU (2017905106) 2017-12-21

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[13] A1
[51] **Int.Cl. C12P 7/62 (2006.01) C08G 63/78 (2006.01) C08J 11/18 (2006.01) C12M 1/12 (2006.01) C12N 1/20 (2006.01) C12P 7/40 (2006.01) C12P 7/42 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING POLYHYDROXYALKANOATES (PHA) FROM ORGANIC WASTE**
[54] **PROCEDE DE PRODUCTION DE POLYHYDROXYALCANOATES (PHA) A PARTIR DE DECHETS ORGANIQUES**
[72] YU, LUNA, CA
[72] DE ALWIS WEERASEKERA, HASITHA, CA
[72] FORATTINI LEMOS IGREJA, MARCOS, CA
[72] SANKAR, VANI, CA
[72] WILLIAMSON, MICHAEL JAMES, CA
[72] SANJAY SOMAN, SUDHANSHU, CA
[72] CHOW, KAITLYN, CA
[71] GENECIS BIOINDUSTRIES INC., CA
[85] 2020-06-18
[86] 2018-12-21 (PCT/CA2018/051662)
[87] (WO2019/119157)
[30] US (62/608,923) 2017-12-21

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[13] A1
[51] **Int.Cl. A61F 2/12 (2006.01) A61L 27/34 (2006.01) A61L 27/56 (2006.01) B32B 27/40 (2006.01) C08G 18/06 (2006.01) C08J 9/08 (2006.01) C08L 75/04 (2006.01) C08L 75/06 (2006.01)**
[25] EN
[54] **SOFT TISSUE IMPLANT POCKET**
[54] **POCHE D'IMPLANT DE TISSUS MOUS**
[72] BRENNAN, PAUL, AU
[72] MOORE, TIMOTHY GRAEME, AU
[71] POLYNOVO BIOMATERIALS PTY LIMITED, AU
[85] 2020-06-18
[86] 2018-12-21 (PCT/AU2018/051385)
[87] (WO2019/119060)
[30] AU (2017905178) 2017-12-22

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[13] A1
[51] **Int.Cl. G01S 17/48 (2006.01)**
[25] EN
[54] **A LASER-BASED DEVICE FOR MAPPING A COMPUTED GEOMETRY RELATIVE TO A REFERENCE GEOMETRY**
[54] **DISPOSITIF BASE SUR LASER POUR CARTOGRAPHIER UNE GEOMETRIE CALCULEE PAR RAPPORT A UNE GEOMETRIE DE REFERENCE**
[72] LI, LUN, CA
[72] WANG, ZHONGSHUAI, CA
[72] PORTEGYS, THOMAS EDWARD, US
[71] APOSYS TECHNOLOGIES INC., CA
[85] 2020-06-18
[86] 2018-03-29 (PCT/CA2018/050394)
[87] (WO2019/126864)
[30] US (62/708,904) 2017-12-29

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[13] A1
[51] **Int.Cl. H04W 24/02 (2009.01)**
[25] EN
[54] **UNLICENSED CARRIER PROCESSING METHOD, APPARATUS, AND SYSTEM**
[54] **PROCEDE, DISPOSITIF ET SYSTEME DE TRAITEMENT DE PORTEUSE SANS LICENCE**
[72] YOU, YANZHEN, CN
[72] ZENG, LIJUN, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2020-06-18
[86] 2017-12-22 (PCT/CN2017/118022)
[87] (WO2019/119424)

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[13] A1
[51] **Int.Cl. B01J 8/02 (2006.01) B01J 8/04 (2006.01)**
[25] EN
[54] **ADIABATIC AXIAL FLOW CONVERTER**
[54] **CONVERTISSEUR ADIABATIQUE A ECOULEMENT AXIAL**
[72] SPETH, CHRISTIAN HENRIK, DK
[72] DAHL, PER JUUL, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085897)
[87] (WO2019/121951)
[30] DK (PA 2017 00732) 2017-12-20

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[13] A1
[51] **Int.Cl. A61K 47/62 (2017.01) A61P 35/00 (2006.01) C07K 7/08 (2006.01)**
[25] EN
[54] **BICYCLIC PEPTIDE LIGANDS SPECIFIC FOR EPHA2**
[54] **LIGANDS PEPTIDIQUES BICYCLIQUES SPECIFIQUES DE EPHA2**
[72] CHEN, LIUHONG, GB
[72] HUXLEY, PHILIP, GB
[72] PAVAN, SILVIA, GB
[72] VAN REITSCHOTEN, KATERINE, GB
[71] BICYCLETX LIMITED, GB
[85] 2020-06-18
[86] 2018-12-19 (PCT/GB2018/053678)
[87] (WO2019/122863)
[30] GB (1721259.8) 2017-12-19
[30] GB (1804102.0) 2018-03-14
[30] GB (1818603.1) 2018-11-14

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[13] A1
[51] **Int.Cl. B01J 8/04 (2006.01) C01C 1/04 (2006.01)**
[25] EN
[54] **COOLED AXIAL FLOW CONVERTER**
[54] **CONVERTISSEUR DE FLUX AXIAL REFROIDI**
[72] SPETH, CHRISTIAN HENRIK, DK
[72] DAHL, PER JUUL, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085899)
[87] (WO2019/121953)
[30] DK (PA 2017 00733) 2017-12-20

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[13] A1
[51] **Int.Cl. B65D 90/08 (2006.01) F16S 1/02 (2006.01) F16S 1/10 (2006.01)**
[25] EN
[54] **PARTS ASSEMBLY, PANEL, AND TANK**
[54] **ENSEMBLE DE PIECES, PANNEAU ET RESERVOIR**
[72] BELANGER, WILLIAM, CA
[72] CLICHE, DANIEL, CA
[72] GINGRAS, MICHEL, CA
[72] MARTIN, RICHARD, CA
[72] POMERLEAU, STEPHANE, CA
[71] GROUPE INDUSTRIES FOURNIER INC., CA
[85] 2020-06-18
[86] 2019-03-20 (PCT/CA2019/050341)
[87] (WO2019/178688)
[30] US (62/646,666) 2018-03-22

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[13] A1
[51] **Int.Cl. G06K 9/00 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **VEHICLE TRACKING**
[54] **LOCALISATION DE VEHICULE**
[72] ONDRUSKA, PETER, GB
[72] PLATINSKY, LUKAS, GB
[71] BLUE VISION LABS UK LIMITED, GB
[85] 2020-06-18
[86] 2019-02-25 (PCT/GB2019/050514)
[87] (WO2019/175533)
[30] GB (1804195.4) 2018-03-15
[30] GB (1810796.1) 2018-06-29

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[13] A1
[51] **Int.Cl. A61K 39/085 (2006.01) A61P 31/04 (2006.01) C07K 14/31 (2006.01)**
[25] EN
[54] **IMMUNOGENIC COMPOSITION**
[54] **COMPOSITION IMMUNOGENE**
[72] BRAUN, MARTIN, CH
[72] FARIDMOAYER, AMIRREZA, CH
[72] GERBER, SABINA MARIETTA, CH
[72] MULLER, MARKUS, CH
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085854)
[87] (WO2019/121924)
[30] GB (1721576.5) 2017-12-21

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[13] A1
[51] **Int.Cl. C09J 111/00 (2006.01) C08K 5/541 (2006.01) C08K 5/5415 (2006.01) C08K 5/5425 (2006.01) C08K 5/544 (2006.01)**
[25] EN
[54] **ACID RESISTANT ADHESIVE COMPOSITION**
[54] **COMPOSITION ADHESIVE RESISTANTE AUX ACIDES**
[72] ZHANG, XINYU, CN
[72] CHEN, QI, CN
[71] HENKEL AG & CO. KGAA, DE
[85] 2020-06-18
[86] 2017-12-29 (PCT/CN2017/119764)
[87] (WO2019/127338)

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[13] A1
[51] **Int.Cl. C07K 14/31 (2006.01) A61K 39/085 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **IMMUNOGENIC COMPOSITION**
[54] **COMPOSITION IMMUNOGENE**
[72] FARIDMOAYER, AMIRREZA, CH
[72] GERBER, SABINA MARIETTA, CH
[72] KEMMLER, STEFAN JOCHEN, CH
[71] GLAXOSMITHKLINE BIOLOGICALS SA, BE
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085857)
[87] (WO2019/121926)
[30] GB (1721582.3) 2017-12-21

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[13] A1
[51] **Int.Cl. A23D 7/00 (2006.01) A23L 25/00 (2016.01)**
[25] EN
[54] **EDIBLE WATER-CONTINUOUS COMPOSITION**
[54] **COMPOSITION COMESTIBLE A PHASE AQUEUSE CONTINUE**
[72] NIJSSE, JAAP, NL
[72] NIEMAN, GERT, NL
[72] AHMADIABHARI, SALOMEH, NL
[71] UPFIELD EUROPE B.V., NL
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085934)
[87] (WO2019/121976)
[30] EP (17208397.4) 2017-12-19

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING PRODUCTION OF CAR T CELLS**
[54] **PROCEDE D'AMELIORATION DE LA PRODUCTION DE LYMPHOCYTES T CAR**
[72] BOYNE, ALEX, US
[72] POIROT, LAURENT, FR
[72] DUCHATEAU, PHILIPPE, FR
[72] JUILLERAT, ALEXANDRE, US
[71] CELLECTIS, FR
[85] 2020-06-18
[86] 2018-12-28 (PCT/EP2018/097080)
[87] (WO2019/129851)
[30] US (62/611,987) 2017-12-29
[30] DK (PA201870015) 2018-01-10

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[13] A1
[51] **Int.Cl. G01N 21/87 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SPECTROSCOPY ANALYSIS OF DIAMONDS**
[54] **SYSTEME ET PROCEDE D'ANALYSE PAR SPECTROSCOPIE DE DIAMANTS**
[72] LORENZI, ROBERTO, IT
[72] PALEARI, ALBERTO MARIA FELICE, IT
[72] ZULLINO, ANDREA, IT
[71] UNIVERSITA DEGLI STUDI DI MILANO - BICOCCA, IT
[85] 2020-06-18
[86] 2018-12-20 (PCT/IB2018/060450)
[87] (WO2019/123383)
[30] IT (102017000148104) 2017-12-21

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[13] A1
[51] **Int.Cl. E21D 23/18 (2006.01) E21D 23/26 (2006.01)**
[25] EN
[54] **LOCATION AND ATTITUDE SENSING DEVICE OF PROPELLING ROD OF HYDRAULIC SUPPORT OF FULLY MECHANIZED FACE, PROPELLING ROD MECHANISM OF HYDRAULIC SUPPORT OF FULLY MECHANIZED FACE AND METHOD THEREOF**
[54] **DISPOSITIF DE DETECTION DE POSE POUR UNE TIGE DE POUSSEE A VERROUILLAGE DE SUPPORT HYDRAULIQUE DANS UNE FACE D'EXPLOITATION MINIERE ENTIEREMENT MECANISEE, ET MECANISME ET PROCEDE POUR UNE TIGE DE POUSSEE A VERROUILLAGE DE SUPPORT HYDRAULIQUE DANS UNE FACE D'EXPLOITATION MINIERE ENTIEREMENT MECANISEE**
[72] WANG, ZHONGBIN, CN
[72] LU, XULIANG, CN
[72] TAN, CHAO, CN
[72] YAN, HAIFENG, CN
[72] SI, LEI, CN
[72] WEI, DONG, CN
[71] CHINA UNIVERSITY OF MINING AND TECHNOLOGY, CN
[71] XUZHOU GOLDFLUID HYDRAULIC TECHNOLOGY DEVELOPMENT CO., LTD., CN
[85] 2020-06-18
[86] 2019-06-18 (PCT/CN2019/091623)
[87] (WO2020/119054)
[30] CN (201811509303.0) 2018-12-11

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[13] A1
[51] **Int.Cl. B60W 50/02 (2012.01) B60W 10/00 (2006.01) G05B 23/00 (2006.01)**
[25] EN
[54] **WORK MACHINE AND METHOD FOR MONITORING A CONTROL SYSTEM AT A WORK MACHINE**
[54] **ENGIN DE CHANTIER ET PROCEDE DE SURVEILLANCE D'UN SYSTEME DE COMMANDE AU NIVEAU D'UN ENGIN DE CHANTIER**
[72] TJERNBERG, FREDRIK, SE
[71] KOMATSU FOREST AB, SE
[85] 2020-06-18
[86] 2018-12-12 (PCT/SE2018/051299)
[87] (WO2019/125281)
[30] SE (1751567-7) 2017-12-18

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[13] A1
[51] **Int.Cl. C07D 257/06 (2006.01) A01N 43/647 (2006.01) A01N 43/713 (2006.01) A01N 43/82 (2006.01) C07D 249/14 (2006.01) C07D 271/08 (2006.01) C07D 271/113 (2006.01)**
[25] EN
[54] **BENZAMIDE COMPOUNDS AND THEIR USE AS HERBICIDES**
[54] **COMPOSES BENZAMIDE ET LEUR UTILISATION EN TANT QU'HERBICIDES**
[72] KORDES, MARKUS, DE
[72] ZIERKE, THOMAS, DE
[72] SEITZ, THOMAS, DE
[72] NIELSON, RYAN LOUIS, DE
[71] BASF SE, DE
[85] 2020-06-18
[86] 2019-01-07 (PCT/EP2019/050232)
[87] (WO2019/134993)
[30] EP (18150628.8) 2018-01-08

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[13] A1
[51] **Int.Cl. C08L 77/06 (2006.01) C08K 3/013 (2018.01) C08K 3/014 (2018.01) C08K 7/14 (2006.01) C08K 3/22 (2006.01)**
[25] EN
[54] **HIGH HEAT RESISTANCE POLYAMIDE MOLDING COMPOUND**
[54] **COMPOSE DE MOULAGE DE POLYAMIDE A HAUTE RESISTANCE A LA CHALEUR**
[72] FILLOT, LOUISE-ANNE, FR
[71] PERFORMANCE POLYAMIDES, SAS, FR
[85] 2020-06-18
[86] 2018-12-20 (PCT/EP2018/086216)
[87] (WO2019/122139)
[30] EP (17306846.1) 2017-12-20

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[13] A1
[51] **Int.Cl. H01L 31/0296 (2006.01) H01L 31/11 (2006.01)**
[25] EN
[54] **A DUAL BAND PHOTODIODE ELEMENT AND METHOD OF MAKING THE SAME**
[54] **ELEMENT PHOTODIODE A DOUBLE BANDE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] HIPWOOD, LES, GB
[72] BAINS, SUDESH, GB
[71] LEONARDO MW LIMITED, GB
[85] 2020-06-18
[86] 2019-01-04 (PCT/EP2019/050158)
[87] (WO2019/134968)
[30] GB (1800275.8) 2018-01-08

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[13] A1
[51] **Int.Cl. C12Q 1/6897 (2018.01) C12N 7/00 (2006.01) C12N 15/74 (2006.01) C12Q 1/14 (2006.01) C12Q 1/18 (2006.01)**
[25] EN
[54] **NON-REPLICATIVE TRANSDUCTION PARTICLES AND TRANSDUCTION PARTICLE-BASED REPORTER SYSTEMS**
[54] **PARTICULES TRANSDUCTRICES NON REPLICATIVES ET SYSTEMES RAPPORTEURS A BASE DE PARTICULES TRANSDUCTRICES**
[72] DUGENNY, SLAV, US
[72] FISS, ELLEN H., US
[72] REHFUSS, MARC, US
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2020-06-18
[86] 2018-12-20 (PCT/EP2018/086285)
[87] (WO2019/122182)
[30] US (62/608,449) 2017-12-20

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[13] A1
[51] **Int.Cl. B65G 1/04 (2006.01) B65G 1/06 (2006.01) F16H 21/10 (2006.01)**
[25] EN
[54] **A DISPLACEMENT MECHANISM FOR A REMOTELY OPERATED VEHICLE**
[54] **MECANISME DE DEPLACEMENT POUR VEHICULE TELECOMMANDE**
[72] AUSTRHEIM, TROND, NO
[72] DJUVE HEGGEBO, JORGEN, NO
[72] FJELDHEIM, IVAR, NO
[72] BEKKEN, BORGE, NO
[71] AUTOSTORE TECHNOLOGY AS, NO
[85] 2020-06-18
[86] 2019-01-07 (PCT/EP2019/050215)
[87] (WO2019/137866)
[30] NO (20180031) 2018-01-09
[30] EP (PCT/EP2018/055275) 2018-03-05
[30] NO (20180589) 2018-04-25
[30] NO (20180590) 2018-04-25
[30] NO (20180591) 2018-04-25
[30] NO (20180586) 2018-04-25
[30] NO (20180587) 2018-04-25
[30] NO (20180588) 2018-04-25
[30] NO (20180813) 2018-06-12
[30] NO (20181005) 2018-07-19
[30] NO (20181039) 2018-08-02
[30] NO (20181098) 2018-08-21
[30] NO (20181319) 2018-10-12

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[13] A1
[51] **Int.Cl. A61B 17/29 (2006.01) A61B 10/06 (2006.01) A61B 17/32 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **AN ENDOSURGICAL DEVICE AND METHOD OF USE**
[54] **DISPOSITIF ENDOCHIRURGICAL ET SON PROCEDE D'UTILISATION**
[72] AXELSSON, ROBERT, SE
[72] BRAKHYA, RONNY, SE
[72] VAGERSTAM, HENRIK, SE
[72] MELLE HANNAH, MIDEN, SE
[71] MULTI4 AB, SE
[85] 2020-06-18
[86] 2018-12-14 (PCT/SE2018/051315)
[87] (WO2019/125289)
[30] SE (1751639-4) 2017-12-22

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[13] A1
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/127 (2006.01)**
[25] EN
[54] **LIPOSOMES COMPRISING SPHINGOMYELIN**
[54] **LIPOSOMES COMPRENANT DE LA SPHINGOMYELINE**
[72] HALBHERR, STEFAN, CH
[71] INNOMEDICA HOLDING AG, CH
[85] 2020-06-18
[86] 2018-12-20 (PCT/EP2018/086352)
[87] (WO2019/122220)
[30] EP (17209738.8) 2017-12-21

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[13] A1
[51] **Int.Cl. A61K 38/17 (2006.01) A61P 29/00 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION COMPRISING AN APL PEPTIDE**
[54] **COMPOSITION PHARMACEUTIQUE QUI COMPREND UN PEPTIDE TYPE APL**
[72] DOMINGUEZ HORTA, MARIA DEL CARMEN, CU
[72] LOPEZ ABAD, CRUZ MATILDE, CU
[72] GONZALEZ LOPEZ, LUIS JAVIER, CU
[72] BESADA PEREZ, VLADIMIR ARMANDO, CU
[71] CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA, CU
[85] 2020-06-18
[86] 2018-12-21 (PCT/CU2018/050007)
[87] (WO2019/129315)
[30] CU (2017-0176) 2017-12-29

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[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01) E04F 15/04 (2006.01)**
[25] EN
[54] **SUBFLOOR JOINT**
[54] **JOINT DE SOUS-PLANCHER**
[72] NILSSON, MATS, SE
[71] VALINGE INNOVATION AB, SE
[85] 2020-06-18
[86] 2018-12-14 (PCT/SE2018/051321)
[87] (WO2019/139519)
[30] SE (1850029-8) 2018-01-10

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) A61K 31/522 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF CANCER**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DU CANCER**
[72] MOOKHTIAR, KASIM, IN
[72] BASU, SUJAY, IN
[72] ROUDURI, SREEKANTH, IN
[72] MERU, ASHWIN, IN
[71] IMPETIS BIOSCIENCES LTD., IN
[85] 2020-06-18
[86] 2018-12-19 (PCT/IN2018/050859)
[87] (WO2019/123482)
[30] IN (201721045725) 2017-12-19
[30] IN (201721045726) 2017-12-19
[30] IN (201721045727) 2017-12-19

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[13] A1
[51] **Int.Cl. C12M 1/00 (2006.01) C12M 1/12 (2006.01)**
[25] EN
[54] **BIOREACTOR AND RELATED METHODS**
[54] **BIOREACTEUR ET PROCEDES ASSOCIES**
[72] CASTILLO, JOSE, BE
[72] MAIRESSE, BASTIEN, BE
[72] RODRIGUEZ, SEBASTIEN JEAN-PIERRE MICHEL, BE
[71] UNIVERCELLS TECHNOLOGIES S.A., BE
[85] 2020-06-18
[86] 2018-12-20 (PCT/EP2018/086394)
[87] (WO2019/122239)
[30] US (62/608,261) 2017-12-20
[30] US (62/733,375) 2018-09-19
[30] US (62/758,152) 2018-11-09

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[13] A1
[51] **Int.Cl. B23C 5/12 (2006.01) B23C 5/10 (2006.01)**
[25] EN
[54] **T-SHAPED TOOL AND METHOD FOR MANUFACTURING T-SHAPED TOOL**
[54] **OUTIL EN FORME DE T ET PROCEDE DE FABRICATION D'UN OUTIL EN FORME DE T**
[72] UENO, HIROSHI, JP
[72] MIYAMOTO, RYOICHI, JP
[72] NAGATA, FUKUHITO, JP
[71] MAKINO MILLING MACHINE CO., LTD., JP
[85] 2020-06-18
[86] 2017-12-22 (PCT/JP2017/046215)
[87] (WO2019/123652)

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[13] A1
[51] **Int.Cl. F16B 21/09 (2006.01) G01D 11/30 (2006.01)**
[25] EN
[54] **SENSING DEVICE, ADAPTER, COMBINATION THEREOF, AND DISPENSER**
[54] **DISPOSITIF DE DETECTION, ADAPTATEUR, COMBINAISON DE CEUX-CI ET DISTRIBUTEUR ASSOCIE**
[72] KLING, ROBERT, SE
[71] ESSITY HYGIENE AND HEALTH AKTIEBOLAG, SE
[85] 2020-06-18
[86] 2017-12-20 (PCT/EP2017/083808)
[87] (WO2019/120512)

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[13] A1
[51] **Int.Cl. C12N 9/22 (2006.01) A23K 20/189 (2016.01) A23L 33/17 (2016.01) A61K 38/46 (2006.01) C11D 3/386 (2006.01) C11D 7/42 (2006.01) C12N 1/08 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) C12P 1/00 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **NUCLEASES AND METHODS FOR MAKING AND USING THEM**
[54] **NUCLEASES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] TAN, XUQIU, US
[71] BASF SE, DE
[85] 2020-05-22
[86] 2018-12-10 (PCT/US2018/064718)
[87] (WO2019/125804)
[30] US (62/608,201) 2017-12-20

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[13] A1
[51] **Int.Cl. D02G 3/12 (2006.01) D02G 3/32 (2006.01) D02G 3/36 (2006.01) D02G 3/44 (2006.01)**
[25] EN
[54] **COMPOSITE CORE YARN, ARTICLE OF CLOTHING COMPRISING A COMPOSITE CORE YARN, METHOD FOR PRODUCING A COMPOSITE CORE YARN AND USE OF A COMPOSITE CORE YARN**
[54] **FIL D'AME COMPOSITE, VETEMENT COMPRENANT UN FIL D'AME COMPOSITE, PROCEDE DE PRODUCTION DE FIL D'AME COMPOSITE ET UTILISATION DE FIL D'AME COMPOSITE**
[72] KONUKOGLU, HAKAN, TR
[72] AYDIN, GOKHAN, TR
[71] SANKO TEKSTIL ISLETMELERI SAN. TIC. A.S., TR
[85] 2020-06-18
[86] 2018-12-21 (PCT/EP2018/086696)
[87] (WO2019/122378)
[30] EP (17210449.9) 2017-12-22

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[13] A1
[51] **Int.Cl. A01N 63/30 (2020.01) A01P 3/00 (2006.01) A01P 5/00 (2006.01) A01P 7/00 (2006.01)**
[25] EN
[54] **FUNGAL ENDOPHYTES FOR IMPROVED CROP YIELDS AND PROTECTION FROM PESTS**
[54] **ENDOPHYTES FONGIQUES POUR L'AMELIORATION DES RENDEMENTS DES CULTURES ET UNE PROTECTION CONTRE LES NUISIBLES**
[72] SWORD, GREGORY A., US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2020-06-18
[86] 2017-12-22 (PCT/US2017/068255)
[87] (WO2018/119419)
[30] US (62/438,966) 2016-12-23
[30] US (62/546,959) 2017-08-17
[30] US (62/567,113) 2017-10-02

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) C12N 5/09 (2010.01)**
[25] EN
[54] **IMMUNE CELL ORGANOID CO-CULTURES**
[54] **CO-CULTURES D'ORGANOIDES ET DE CELLULES IMMUNITAIRES**
[72] KRETZSCHMAR, KAI, NL
[72] BAR-EPHRAIM, JOTAM ELAZAR, NL
[72] CLEVERS, JOHANNES CAROLUS, NL
[72] FERNANDEZ-BOJ, SYLVIA, NL
[72] VRIES, ROBERT GERHARDUS JACOB, NL
[71] KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN, NL
[71] STICHTING HUBRECHT ORGANOID TECHNOLOGY, NL
[85] 2020-06-18
[86] 2018-12-21 (PCT/EP2018/086716)
[87] (WO2019/122388)
[30] GB (1721615.1) 2017-12-21

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[13] A1
[51] **Int.Cl. A23J 1/00 (2006.01) A23J 1/14 (2006.01) A23J 3/16 (2006.01) C07K 1/14 (2006.01) C07K 1/36 (2006.01)**
[25] EN
[54] **METHOD AND MEANS FOR AN ISOLATION OF MEMBRANE-BOUND PROTEINS FROM A BIOLOGICAL SAMPLE, PREFERABLY PROCESSED PLANT SEED MEAL**
[54] **PROCEDE ET MOYENS D'ISOLEMENT DE PROTEINES LIEES A UNE MEMBRANE A PARTIR D'UN ECHANTILLON BIOLOGIQUE, DE PREFERENCE UNE FARINE DE GRAINE DE PLANTE TRAITEE**
[72] WYRICK, MEGHAN K, US
[72] XIA, MIN, US
[72] SLESSAREVA, JANNA, US
[71] BASF PLANT SCIENCE COMPANY GMBH, DE
[85] 2020-06-18
[86] 2018-12-12 (PCT/EP2018/084551)
[87] (WO2019/121235)
[30] EP (17210241.0) 2017-12-22

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[13] A1
[51] **Int.Cl. C12N 15/86 (2006.01) A61K 48/00 (2006.01) C07K 14/435 (2006.01)**
[25] EN
[54] **CONSTRUCTS COMPRISING NEURONAL VIABILITY FACTORS AND USES THEREOF**
[54] **CONSTRUCTION COMPRENANT DES FACTEURS DE VIABILITE NEURONALE ET UTILISATIONS ASSOCIEES**
[72] LEVEILLARD, THIERRY, FR
[72] AIT-ALI MAAMRI, NAJATE, FR
[72] BLOND, FREDERIC, FR
[72] SAHEL, JOSE-ALAIN, FR
[72] PUEL, GERALDINE, FR
[72] CLERIN, EMMANUELLE, FR
[71] SPARINGVISION, FR
[71] INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] SORBONNE UNIVERSITE, FR
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[30] EP (17306915.4) 2017-12-22

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[51] **Int.Cl. A61B 17/04 (2006.01) A61B 17/03 (2006.01) A61B 17/06 (2006.01)**
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[54] **KNOT DELIVERY DEVICE**
[54] **DISPOSITIF D'APPLICATION DE N□UD**
[72] JUAN, CHUN-CHIA, TW
[72] ALDRICH, WILLIAM, TW
[72] WENG, YU-SHIH, TW
[71] TERUMO MEDICAL CORPORATION, US
[85] 2020-06-18
[86] 2018-12-18 (PCT/US2018/066210)
[87] (WO2019/126152)
[30] US (62/607,218) 2017-12-18

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[51] **Int.Cl. G01N 33/543 (2006.01)**
[25] EN
[54] **A SENSOR BODY FOR BINDING AND/OR ENRICHING AND/OR DETECTING AN ANALYTE IN A SAMPLE**
[54] **CORPS DE CAPTEUR POUR LA LIAISON ET/OU L'ENRICHISSEMENT ET/OU LA DETECTION D'UN ANALYTE DANS UN ECHANTILLON**
[72] ELLINGER, THOMAS, DE
[72] ERMANTRAUT, EUGEN, DE
[72] STEINMETZER, KATRIN, DE
[72] HUBOLD, STEPHAN, DE
[72] LONCAREVIC, IVAN, DE
[72] SCHULZ, TORSTEN, DE
[71] BLINK AG, DE
[85] 2020-06-18
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[30] EP (17211155.1) 2017-12-29

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[51] **Int.Cl. E06B 9/78 (2006.01)**
[25] EN
[54] **SEMI-RIGID CHAIN ASSEMBLY**
[54] **ENSEMBLE CHAINE SEMI-RIGIDE**
[72] KIRBY, DAVID A., US
[71] LUTRON TECHNOLOGY COMPANY LLC, US
[85] 2020-06-18
[86] 2018-12-20 (PCT/US2018/066741)
[87] (WO2019/126462)
[30] US (62/607,974) 2017-12-20

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[13] A1
[51] **Int.Cl. G02B 6/30 (2006.01)**
[25] EN
[54] **OPTICAL MODULE**
[54] **MODULE OPTIQUE**
[72] SUZUKI, YUICHI, JP
[72] NAKANISHI, TOMOHIRO, JP
[72] MINAMI, MOTOKI, JP
[72] TOMITA, HIROSHI, JP
[72] ISHII, MOTOHAYA, JP
[72] ASAKAWA, SHUICHIRO, JP
[72] SOMA, SHUNICHI, JP
[71] NTT ELECTRONICS CORPORATION, JP
[71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2020-06-18
[86] 2018-12-19 (PCT/JP2018/046765)
[87] (WO2019/135357)
[30] JP (2018-000253) 2018-01-04

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[51] **Int.Cl. F16F 7/12 (2006.01)**
[25] EN
[54] **IMPACT ABSORBING MEMBER**
[54] **ELEMENT D'ABSORPTION D'IMPACT**
[72] TSUNEMI, YUSUKE, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2020-06-18
[86] 2017-12-26 (PCT/JP2017/046611)
[87] (WO2019/130420)

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[51] **Int.Cl. C07J 43/00 (2006.01) A61K 31/56 (2006.01) A61K 31/57 (2006.01) A61K 31/575 (2006.01) A61K 31/58 (2006.01) A61P 25/00 (2006.01) C07J 5/00 (2006.01) C07J 7/00 (2006.01) C07J 9/00 (2006.01) C07J 41/00 (2006.01) C07J 1/00 (2006.01) C07J 3/00 (2006.01) C07J 13/00 (2006.01) C07J 17/00 (2006.01) C07J 21/00 (2006.01) C07J 51/00 (2006.01) C07J 71/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING CNS DISORDERS**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE TRAITER DES TROUBLES DU SNC**
[72] ROBICHAUD, ALBERT JEAN, US
[72] SALITURO, FRANCESCO G., US
[72] BLANCO-PILLADO, MARIA JESUS, US
[72] LA, DANIEL, US
[72] HARRISON, BOYD L., US
[71] SAGE THERAPEUTICS, INC., US
[85] 2020-06-18
[86] 2018-12-21 (PCT/US2018/067277)
[87] (WO2019/126741)
[30] US (62/610,069) 2017-12-22
[30] US (62/611,983) 2017-12-29
[30] US (62/620,095) 2018-01-22
[30] US (62/722,781) 2018-08-24
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[51] **Int.Cl. B01F 3/04 (2006.01) A23L 2/54 (2006.01) B01F 5/04 (2006.01) B01F 5/06 (2006.01)**
[25] EN
[54] **APPARATUS IN THE FORM OF A UNITARY, SINGLE-PIECE STRUCTURE CONFIGURED TO GENERATE AND MIX ULTRA-FINE GAS BUBBLES INTO A HIGH GAS CONCENTRATION AQUEOUS SOLUTION**
[54] **APPAREIL SOUS LA FORME D'UNE STRUCTURE UNITAIRE MONOBLOC CONCUE POUR PRODUIRE ET MELANGER DES BULLES DE GAZ ULTRA-FINES DANS UNE SOLUTION AQUEUSE A CONCENTRATION DE GAZ ELEVEE**
[72] BLEVINS, TIM, US
[72] DEV, MAYUR, US
[72] APPLEWHITE, JASON, US
[71] GAIA USA, INC., US
[85] 2020-06-08
[86] 2019-05-30 (PCT/US2019/034749)
[87] (WO2019/232273)
[30] US (62/679,702) 2018-06-01

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[51] **Int.Cl. C08B 37/00 (2006.01) A61K 31/7024 (2006.01) A61K 31/737 (2006.01) A61P 9/00 (2006.01) A61P 13/10 (2006.01) A61P 19/00 (2006.01) A61P 19/02 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) A61P 37/08 (2006.01) A61P 43/00 (2006.01) C07H 11/00 (2006.01)**
[25] EN
[54] **PENTOSAN POLYSULFATE AND MEDICINE CONTAINING PENTOSAN POLYSULFATE**
[54] **PENTOSANE POLYSULFATE ET MEDICAMENT CONTENANT DU PENTOSANE POLYSULFATE**
[72] ISHIKAWA, SUGURU, JP
[71] OJI HOLDINGS CORPORATION, JP
[85] 2020-06-18
[86] 2018-12-18 (PCT/JP2018/046537)
[87] (WO2019/124363)
[30] JP (2017-244051) 2017-12-20

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[51] **Int.Cl. C07D 471/04 (2006.01) A01N 43/90 (2006.01) A01N 53/14 (2006.01) A01P 7/04 (2006.01) C07D 513/04 (2006.01)**
[25] EN
[54] **HETEROCYCLIC COMPOUND AND HARMFUL ARTHROPOD CONTROLLING AGENT CONTAINING SAME**
[54] **COMPOSE HETEROCYCLIQUE ET AGENT DE LUTTE CONTRE LES ARTHROPODES NUISIBLES LE CONTENANT**
[72] ORIMOTO, KOHEI, JP
[72] NAKAJIMA, YUJI, JP
[72] KONO, RISA, JP
[72] MAEHATA, RYOTA, JP
[72] TASHIRO, MASAYUKI, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2020-06-18
[86] 2018-12-21 (PCT/JP2018/047243)
[87] (WO2019/124548)
[30] JP (2017-245959) 2017-12-22
[30] JP (2018-150184) 2018-08-09

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[13] A1
[51] **Int.Cl. B28B 13/02 (2006.01) B28B 1/30 (2006.01) B28B 5/00 (2006.01)**
[25] EN
[54] **BUILDING MATERIAL MANUFACTURING APPARATUS AND BUILDING MATERIAL MANUFACTURING METHOD**
[54] **APPAREIL DE PRODUCTION DE MATERIAU DE CONSTRUCTION ET PROCEDE DE PRODUCTION DE MATERIAU DE CONSTRUCTION**
[72] IKEDA, SATOSHI, JP
[72] YOSHIDA, KAZUHISA, JP
[72] NISHIOKA, HIDENORI, JP
[72] SUGIMOTO, AKIHIRO, JP
[71] NICHIHA CORPORATION, JP
[85] 2020-06-18
[86] 2018-12-25 (PCT/JP2018/047668)
[87] (WO2019/131680)
[30] JP (2017-252530) 2017-12-27

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[51] **Int.Cl. D04H 1/736 (2012.01) D01G 9/04 (2006.01) D01G 25/00 (2006.01)**
[25] EN
[54] **REINFORCING FIBER MAT MANUFACTURING APPARATUS**
[54] **DISPOSITIF DE FABRICATION DE TAPIS DE FIBRES RENFORCEES**
[72] KAWAHARA, YOSHIHIRO, JP
[72] IKUSHIMA, TAKASHI, JP
[72] NOGUCHI, YASUMOTO, JP
[72] SUZUKI, TAMOTSU, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2020-06-18
[86] 2019-01-17 (PCT/JP2019/001217)
[87] (WO2019/142851)
[30] JP (2018-005259) 2018-01-17

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[51] **Int.Cl. H01F 1/147 (2006.01) C21D 8/12 (2006.01) H01F 27/245 (2006.01) H01F 41/02 (2006.01) C22C 38/00 (2006.01) C22C 38/60 (2006.01)**
[25] EN
[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET, WOUND TRANSFORMER CORE USING THE SAME, AND METHOD FOR PRODUCING WOUND CORE**
[54] **FEUILLE D'ACIER ELECTRIQUE DIRECTIONNELLE, NOYAU DE TRANSFORMATEUR ENROULE L'UTILISANT, ET PROCEDE DE FABRICATION DE NOYAU ENROULE**
[72] INOUE, HIROTAKA, JP
[72] OKABE, SEIJI, JP
[72] OMURA, TAKESHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2020-06-18
[86] 2019-01-31 (PCT/JP2019/003399)
[87] (WO2019/151399)
[30] JP (2018-014244) 2018-01-31

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/519 (2006.01) A61P 9/00 (2006.01) A61P 9/10 (2006.01) A61P 9/14 (2006.01)**
[25] EN
[54] **2,4,6,7-TETRAHYDRO-PYRAZOLO[4,3-D]PYRIMIDIN-5-ONE DERIVATIVES AND RELATED COMPOUNDS AS C5A RECEPTOR MODULATORS FOR TREATING VASCULITIS AND INFLAMMATORY DISEASES**
[54] **DERIVES DE 2,4,6,7-TETRAHYDRO-PYRAZOLO[4,3-D]PYRIMIDIN-5-ONE ET COMPOSES APPARENTES EN TANT QUE MODULATEURS DU RECEPTEUR C5A POUR LE TRAITEMENT DE LA VASCULARITE ET DE MALADIES INFLAMMATOIRES**
[72] FROIDEVAUX, SYLVIE, CH
[72] HUBLER, FRANCIS, CH
[72] MURPHY, MARK, CH
[72] RENNEBERG, DORTE, CH
[72] STAMM, SIMON, CH
[71] IDORSIA PHARMACEUTICALS LTD, CH
[85] 2020-06-18
[86] 2019-01-09 (PCT/EP2019/050372)
[87] (WO2019/137927)
[30] EP (PCT/EP2018/050598) 2018-01-10

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[51] **Int.Cl. C22C 21/08 (2006.01) C22F 1/05 (2006.01)**
[25] EN
[54] **METHOD OF MAKING 6XXX ALUMINIUM SHEETS WITH HIGH SURFACE QUALITY**
[54] **PROCEDE DE FABRICATION DE TOLES D'ALUMINIUM 6XXX PRESENTANT UNE HAUTE QUALITE DE SURFACE**
[72] BOISSONNET, LAURENT, FR
[72] MASSE, JEAN-PHILIPPE, FR
[72] GUIGLIONDA, GILLES, FR
[71] CONSTELLIUM NEUF-BRISACH, FR
[85] 2020-06-18
[86] 2019-01-15 (PCT/EP2019/050978)
[87] (WO2019/141693)
[30] FR (1850349) 2018-01-16

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[13] A1
[51] **Int.Cl. B65G 1/137 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PICKING ITEMS**
[54] **SYSTEME ET PROCEDE DE PRELEVEMENT D'ARTICLES**
[72] LINDBO, LARS SVERKER TURE, GB
[72] INGRAM-TEDD, ANDREW JOHN, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2020-06-18
[86] 2019-01-22 (PCT/EP2019/051528)
[87] (WO2019/141877)
[30] GB (1800961.3) 2018-01-22
[30] GB (1801263.3) 2018-01-25

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[51] **Int.Cl. C07C 273/04 (2006.01) B01J 19/00 (2006.01) C07D 251/60 (2006.01) G05B 13/04 (2006.01) G05B 23/02 (2006.01)**
[25] EN
[54] **VIRTUAL SENSING METHOD AND SYSTEM FOR CONTROLLING A COMPOSITION VARIABLE IN A UREA PRODUCTION PROCESS**
[54] **PROCEDE ET SYSTEME DE DETECTION VIRTUELLE POUR COMMANDER UNE VARIABLE DE COMPOSITION DANS UN PROCEDE DE PRODUCTION D'UREE**
[72] SIEPMANN, VOLKER, BE
[72] PORRO, LINO GIOVANNI, BE
[72] BURGATO, ELISA, IT
[71] YARA INTERNATIONAL ASA, NO
[85] 2020-06-18
[86] 2019-02-04 (PCT/EP2019/052648)
[87] (WO2019/149937)
[30] EP (18155091.4) 2018-02-05

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[51] **Int.Cl. G02B 5/18 (2006.01) G02B 27/01 (2006.01) G02B 27/42 (2006.01)**
[25] EN
[54] **OPTICAL WAVEGUIDE AND DIFFRACTIVE WAVEGUIDE DISPLAY**
[54] **GUIDE D'ONDES OPTIQUE ET AFFICHAGE A GUIDE D'ONDES DIFFRACTIF**
[72] BLOMSTEDT, KASIMIR, FI
[71] DISPELIX OY, FI
[85] 2020-06-18
[86] 2018-12-10 (PCT/FI2018/050893)
[87] (WO2019/122505)
[30] FI (20176159) 2017-12-22

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[13] A1
[51] **Int.Cl. A47J 31/44 (2006.01)**
[25] EN
[54] **BEVERAGE PREPARATION MACHINE WITH FOAM REFINEMENT**
[54] **MACHINE DE PREPARATION DE BOISSONS POURVUE D'UN RAFFINAGE DE MOUSSE**
[72] KRISTLBAUER, JURGEN, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-18
[86] 2018-12-18 (PCT/EP2018/085359)
[87] (WO2019/121593)
[30] EP (17208727.2) 2017-12-20

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[13] A1
[51] **Int.Cl. C12Q 1/6848 (2018.01)**
[25] EN
[54] **IMPROVEMENTS IN OR RELATING TO AMPLIFICATION OF NUCLEIC ACIDS**
[54] **AMELIORATIONS DE L'AMPLIFICATION D'ACIDES NUCLEIQUES OU SE RAPPORTANT A CELLE-CI**
[72] SHEN, DAIWEI, GB
[72] KRAYNACK, BRYAN, GB
[72] PEREZ, VICTOR, GB
[72] PROVINS, JARROD, GB
[71] LUMIRADX UK LTD, GB
[85] 2020-06-18
[86] 2019-01-02 (PCT/GB2019/050005)
[87] (WO2019/135074)
[30] GB (1800109.9) 2018-01-04

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[51] **Int.Cl. A61K 38/16 (2006.01) A23L 33/17 (2016.01) A23J 1/00 (2006.01) A23L 2/66 (2006.01) A61P 3/00 (2006.01) A61P 21/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS USING HIGH PROTEIN FOR INDUCTION OF AUTOPHAGY**
[54] **COMPOSITIONS ET PROCEDES FAISANT APPEL A UNE QUANTITE ELEVEE DE PROTEINE POUR INDUIRE L'AUTOPHAGIE**
[72] CIVILETTO, GABRIELE, CH
[72] CUENOUD, BERNARD, CH
[72] FEIGE, JEROME, CH
[72] GUT, PHILIPP, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-18
[86] 2018-12-19 (PCT/EP2018/085744)
[87] (WO2019/121855)
[30] US (62/608,059) 2017-12-20

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[51] **Int.Cl. F03B 17/02 (2006.01)**
[25] EN
[54] **TRANSPORTABLE GRAVITATIONAL SYSTEM AND METHOD FOR GENERATING CLEAN ELECTRICAL ENERGY**
[54] **PROCEDE ET SYSTEME GRAVITATIONNEL TRANSPORTABLE POUR GENERER DE L'ENERGIE ELECTRIQUE PROPRE**
[72] WINTERGERST FISCH, LUIS, MX
[71] WINTERGERST FISCH, LUIS, MX
[85] 2020-06-18
[86] 2017-12-19 (PCT/MX2017/000167)
[87] (WO2019/125110)

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[13] A1
[51] **Int.Cl. A01N 43/653 (2006.01) A01N 25/12 (2006.01) A01N 43/40 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **CO-CRYSTALS OF BOSCALID AND TRIAZOLES**
[54] **CO-CRISTAUX DE BOSCALIDE ET DE TRIAZOLES**
[72] PATEL, RAKESH BHULABHAI, IN
[72] BHOGE, SATISH EKANATH, IN
[72] SHROFF, JAIDEV RAJNIKANT, AE
[72] SHROFF, VIKRAM RAJNIKANT, AE
[71] UPL LTD, IN
[85] 2020-06-18
[86] 2018-12-15 (PCT/IB2018/060147)
[87] (WO2019/123186)
[30] IN (201731045819) 2017-12-20

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[13] A1
[51] **Int.Cl. A61K 39/29 (2006.01) A61P 31/20 (2006.01) A61P 37/04 (2006.01) C07K 14/02 (2006.01) C12N 7/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR INDUCING AN IMMUNE RESPONSE AGAINST HEPATITIS B VIRUS (HBV)**
[54] **METHODES ET COMPOSITIONS PERMETTANT D'INDUIRE UNE REPONSE IMMUNITAIRE CONTRE LE VIRUS DE L'HEPATITE B (VHB)**
[72] BODEN, DANIEL, BE
[72] HORTON, HELEN, BE
[72] NEEFS, JEAN-MARC EDMOND FERNAND MARIE, BE
[72] ROY, SOUMITRA, NL
[72] CUSTERS, JEROME HUBERTINA HENRICUS VICTOR, NL
[72] ZAHN, ROLAND CHRISTIAN, NL
[72] KALLA, MARKUS, DE
[72] DE POOTER, DORIEN, BE
[71] JANSSEN SCIENCES IRELAND UNLIMITED COMPANY, IE
[71] BAVARIAN NORDIC A/S, DK
[85] 2020-06-18
[86] 2018-12-18 (PCT/IB2018/060257)
[87] (WO2019/123250)
[30] IB (PCT/IB2017/058148) 2017-12-19
[30] US (62/607,439) 2017-12-19

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[13] A1
[51] **Int.Cl. A01K 67/033 (2006.01)**
[25] EN
[54] **LIVE INSECTS TRANSPORT DEVICE**
[54] **DISPOSITIF DE TRANSPORT D'INSECTES VIVANTS**
[72] VAN KILSDONK, JAAP, NL
[72] SCHMITT, ERIC HOLLAND, NL
[72] JACOBS, RALF HENRICUS WILHELMINA, NL
[72] SIMONS, HENRICUS PETRUS JOHANNES, NL
[72] JANSEN, MAURITS PETRUS MARIA, NL
[71] PROTIX B.V., NL
[85] 2020-06-18
[86] 2018-12-21 (PCT/NL2018/050867)
[87] (WO2019/125162)
[30] NL (2020153) 2017-12-22
[30] NL (2022057) 2018-11-23

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[51] **Int.Cl. A61K 39/29 (2006.01) A61K 39/295 (2006.01) A61P 31/20 (2006.01)**
[25] EN
[54] **HEPATITIS B VIRUS (HBV) VACCINES AND USES THEREOF**
[54] **VACCINS CONTRE LE VIRUS DE L'HEPATITE B (VHB) ET UTILISATIONS ASSOCIEES**
[72] BODEN, DANIEL, BE
[72] HORTON, HELEN, BE
[72] NEEFS, JEAN-MARC EDMOND FERNAND MARIE, BE
[72] ROY, SOUMITRA, NL
[72] DE POOTER, DORIEN, BE
[71] JANSSEN SCIENCES IRELAND UNLIMITED COMPANY, IE
[85] 2020-06-18
[86] 2018-12-18 (PCT/IB2018/060259)
[87] (WO2019/123252)
[30] IB (PCT/IB2017/058142) 2017-12-19
[30] US (62/607,426) 2017-12-19

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[13] A1
[51] **Int.Cl. B62D 35/00 (2006.01) B60R 19/48 (2006.01) F15D 1/10 (2006.01)**
[25] EN
[54] **VIRTUAL AIR DAM**
[54] **BAS-VOLET VIRTUEL**
[72] MATTHEWS, MARTIN R., US
[72] POVINELLI, ANTHONY J., US
[72] WANG, YAO, US
[71] MAGNA EXTERIORS INC., CA
[85] 2020-06-18
[86] 2018-12-18 (PCT/IB2018/060290)
[87] (WO2019/123280)
[30] US (62/607,106) 2017-12-18

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[13] A1
[51] **Int.Cl. A01K 67/033 (2006.01)**
[25] EN
[54] **CLIMATE CONTROL SYSTEM FOR INSECT FARMING**
[54] **SYSTEME DE REGULATION CLIMATIQUE POUR ELEVAGE D'INSECTES**
[72] JANSEN, JACO, NL
[72] LEUSHUIS, RAYMOND JOSEPH, NL
[72] VAN KILSDONK, JAAP, NL
[72] SCHMITT, ERIC HOLLAND, NL
[72] DIJKSHOORN, JOHANNES, NL
[71] PROTIX B.V., NL
[85] 2020-06-18
[86] 2018-12-21 (PCT/NL2018/050868)
[87] (WO2019/125163)
[30] NL (2020175) 2017-12-22

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[51] **Int.Cl. G01N 33/483 (2006.01) A61F 11/06 (2006.01) G01N 33/74 (2006.01)**
[25] EN
[54] **METHOD FOR MEASURING AVERAGE CORTISOL AND GLUCOSE CONCENTRATIONS IN EARWAX**
[54] **PROCEDE DE MESURE DE CONCENTRATIONS MOYENNES DE CORTISOL ET DE GLUCOSE DANS LA CERUMEN**
[72] HERANE-VIVES, ANDRES, GB
[72] BENOHR-RIVEROS, JAN, DE
[71] HERANE-VIVES, ANDRES, GB
[71] BENOHR-RIVEROS, JAN, DE
[85] 2020-06-18
[86] 2018-12-20 (PCT/IB2018/060470)
[87] (WO2019/123392)
[30] US (62/608,162) 2017-12-20

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[13] A1
[51] **Int.Cl. G05B 19/409 (2006.01)**
[25] EN
[54] **MACHINE TOOL OPERATION SYSTEM AND MACHINE TOOL OPERATION METHOD CARRIED OUT BY SAID SYSTEM**
[54] **SYSTEME DE FONCTIONNEMENT DE MACHINE-OUTIL ET PROCEDE DE FONCTIONNEMENT DE MACHINE OUTIL MIS EN □UVRE PAR LEDIT SYSTEME**
[72] KITAMURA, AKIHIRO, JP
[72] KITAMURA, KOSAKU, JP
[72] AMAIKE, SEIJI, JP
[71] KITAMURA MACHINERY CO., LTD., JP
[85] 2020-06-18
[86] 2019-10-10 (PCT/JP2019/040104)
[87] (WO2020/085109)
[30] JP (2018-201984) 2018-10-26

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[13] A1
[51] **Int.Cl. A01K 67/033 (2006.01)**
[25] EN
[54] **INSECT TRAY WITH COVER, RACK FOR SAID TRAY, USE OF AN ASSEMBLY OF SAID RACK WITH AT LEAST ONE TRAY**
[54] **PLATEAU POUR INSECTES AVEC COUVERCLE, SUPPORT POUR LEDIT PLATEAU, UTILISATION D'UN ENSEMBLE DUDIT SUPPORT AVEC AU MOINS UN PLATEAU**
[72] JANSEN, JACO, NL
[72] LEVER, WILLEMIJN, NL
[72] LEUSHUIS, RAYMOND JOSEPH, NL
[71] PROTIX B.V., NL
[85] 2020-06-18
[86] 2018-12-21 (PCT/NL2018/050869)
[87] (WO2019/125164)
[30] NL (2020155) 2017-12-22

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[13] A1
[51] **Int.Cl. E05C 3/34 (2006.01)**
[25] EN
[54] **NOVO LOCK**
[54] **NOUVEAU VERROU**
[72] MEGIDESH, YAACOV, IL
[72] ARTSIELY, EYAL, IL
[71] PEGASUS INTEGRATED SOLUTIONS LTD., IL
[85] 2020-06-18
[86] 2018-12-18 (PCT/IL2018/051368)
[87] (WO2019/123454)
[30] IT (102017000145948) 2017-12-18

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[13] A1
[51] **Int.Cl. A01K 67/033 (2006.01)**
[25] EN
[54] **INSECT BREEDING DEVICE**
[54] **DISPOSITIF D'ELEVAGE D'INSECTES**
[72] JANSEN, JACO, NL
[72] SCHOL, HENDRIKUS ANT, NL
[72] JURGENS, BASTIAAN FREDERIK, NL
[71] PROTIX B.V., NL
[85] 2020-06-18
[86] 2018-12-21 (PCT/NL2018/050870)
[87] (WO2019/125165)
[30] NL (2020154) 2017-12-22

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[13] A1
[51] **Int.Cl. F16B 12/20 (2006.01) F16B 5/06 (2006.01) F16B 21/02 (2006.01)**
[25] EN
[54] **A SET OF PANELS, A METHOD FOR ASSEMBLY OF THE SAME AND A LOCKING DEVICE FOR A FURNITURE PRODUCT**
[54] **ENSEMBLE DE PANNEAUX, SON PROCEDE D'ASSEMBLAGE ET DISPOSITIF DE VERROUILLAGE POUR UN PRODUIT DE MOBILIER**
[72] DERELOV, PETER, SE
[71] VALINGE INNOVATION AB, SE
[85] 2020-06-18
[86] 2018-12-14 (PCT/SE2018/051319)
[87] (WO2019/125291)
[30] SE (1751626-1) 2017-12-22

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[13] A1
[51] **Int.Cl. F21V 8/00 (2006.01) G02B 27/28 (2006.01)**
[25] EN
[54] **POLARIZATION RECYCLING BACKLIGHT, METHOD AND MULTIVIEW DISPLAY EMPLOYING EMPLOYING SUBWAVELENGTH GRATINGS**
[54] **RETROECLAIRAGE A RECYCLAGE DE POLARISATION, PROCEDE ET AFFICHEUR MULTI-VUES FAISANT APPEL A DES RESEAUX DE SOUS-LONGUEUR D'ONDE**
[72] AIETA, FRANCESCO, US
[72] LI, XUEJIAN, US
[72] HOEKMAN, THOMAS, US
[72] FATTAL, DAVID A., US
[71] LEIA INC., US
[85] 2020-06-18
[86] 2018-01-27 (PCT/US2018/015617)
[87] (WO2019/147276)

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[13] A1
[51] **Int.Cl. A61K 31/404 (2006.01) A61K 31/222 (2006.01) A61K 31/439 (2006.01) A61K 31/506 (2006.01) A61K 45/06 (2006.01) A61P 35/00 (2006.01) G01N 33/574 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **GPCR HETEROMER INHIBITORS AND USES THEREOF**
[54] **INHIBITEURS D'HETEROMERES GPCR ET LEURS UTILISATIONS**
[72] SEEN, DONGSEUNG, KR
[72] KIM, EUNHEE, KR
[72] JEONG, JAE-YEON, KR
[72] YANG, CHANG SOO, KR
[72] LEE, MILIM, KR
[72] KIM, SOHUI, KR
[72] HUH, WON-KI, KR
[72] SONG, YONG BHUM, KR
[72] PARK, CHUL O, KR
[72] PARK, HYERYUNG, KR
[72] LEE, JI YEONG, KR
[71] GPCR THERAPEUTICS, INC., KR
[85] 2020-06-18
[86] 2018-12-18 (PCT/KR2018/016166)
[87] (WO2019/124951)
[30] US (62/607,876) 2017-12-19
[30] US (62/679,598) 2018-06-01
[30] US (62/732,946) 2018-09-18

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[13] A1
[51] **Int.Cl. G01S 5/14 (2006.01) A01K 1/12 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM, ROTARY MILKING PARLOR, METHOD AND COMPUTER PROGRAM FOR CONTROLLING A ROTARY MILKING PARLOR**
[54] **SYSTEME DE COMMANDE, SALLE DE TRAITE ROTATIVE, PROCEDE ET PROGRAMME INFORMATIQUE POUR COMMANDER UNE SALLE DE TRAITE ROTATIVE**
[72] UMEGARD, ANDERS, SE
[71] DELAVAL HOLDING AB, SE
[85] 2020-06-18
[86] 2018-12-14 (PCT/SE2018/051312)
[87] (WO2019/125287)
[30] SE (1751605-5) 2017-12-21

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[13] A1
[51] **Int.Cl. C01B 39/48 (2006.01) B01J 29/70 (2006.01) C07D 295/037 (2006.01)**
[25] EN
[54] **EMM-31 MATERIALS AND PROCESSES AND USES THEREOF**
[54] **MATERIAUX EMM-31 ET PROCEDES ET UTILISATIONS ASSOCIES**
[72] SCHMITT, KIRK D., US
[72] BURTON, ALLEN W., US
[72] VROMAN, HILDA B., US
[72] STROHMAIER, KARL G., US
[72] WESTON, SIMON C., US
[72] MARELLA, MICHAEL A., US
[72] MABON, ROSS, US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2020-06-18
[86] 2018-11-14 (PCT/US2018/060916)
[87] (WO2019/125655)
[30] US (62/608,602) 2017-12-21

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[13] A1
[51] **Int.Cl. B01J 20/10 (2006.01) B01J 20/28 (2006.01) C01B 33/12 (2006.01)**
[25] EN
[54] **METHODS OF PRODUCING ORGANOSILICA MATERIALS AND USES THEREOF**
[54] **PROCEDES DE PRODUCTION DE MATERIAUX A BASE D'ORGANOSILICE ET LEURS UTILISATIONS**
[72] ZHOU, HUAXING, US
[72] LI, QUANCHANG, US
[72] CALABRO, DAVID C., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
[85] 2020-06-18
[86] 2018-11-14 (PCT/US2018/060925)
[87] (WO2019/125656)
[30] US (62/608,709) 2017-12-21

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[13] A1
[51] **Int.Cl. C12P 13/08 (2006.01) C12P 13/14 (2006.01)**
[25] EN
[54] **METHOD FOR INCREASING THE PRODUCTION OF AMINO ACIDS IN SUBMERGED CORYNEBACTERIUM CULTURE**
[54] **PROCEDE PERMETTANT D'AUGMENTER LA PRODUCTION D'ACIDES AMINES DANS UNE CULTURE IMMERGEE DE CORYNEBACTERIUM**
[72] BRODERICK, LYNN GOODFELLOW, US
[72] CAIMI, PERRY G., US
[72] GRUBER, TANJA MARIA, US
[72] LEFEBVRE, BRIAN G., US
[72] REN, YIXIN, US
[71] DANISCO US INC, US
[85] 2020-06-18
[86] 2018-11-20 (PCT/US2018/061914)
[87] (WO2019/125686)

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[13] A1
[51] **Int.Cl. H04W 74/00 (2009.01) H04W 72/04 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **A METHOD AND AN APPARATUS FOR HANDLING A BANDWIDTH PART INACTIVITY TIMER IN WIRELESS COMMUNICATION SYSTEM**
[54] **PROCEDE ET APPAREIL DE GESTION D'UN TEMPORISATEUR D'INACTIVITE DE PARTIE DE BANDE PASSANTE DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] AGIWAL, ANIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2020-06-18
[86] 2018-12-21 (PCT/KR2018/016489)
[87] (WO2019/125061)
[30] US (62/608,911) 2017-12-21

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[13] A1
[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/712 (2006.01) A61K 31/7125 (2006.01) A61K 31/713 (2006.01) A61P 3/06 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **HIGH MOBILITY GROUP BOX-1 (HMGB1) IRNA COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **COMPOSITIONS D'ARNI A BOITE 1 DU GROUPE DE HAUTE MOBILITE (HMGB1) ET LEURS PROCEDES D'UTILISATION**
[72] HINKLE, GREGORY, US
[72] TREMBLAY, FREDERIC, US
[72] MCININCH, JAMES D., US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2020-06-18
[86] 2018-12-18 (PCT/US2018/066126)
[87] (WO2019/126097)
[30] US (62/599,860) 2017-12-18

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[13] A1
[51] **Int.Cl. B01D 46/42 (2006.01) A61L 9/12 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR AIR CLEANING**
[54] **APPAREIL ET SYSTEME POUR LA PURIFICATION DE L'AIR**
[72] SHARMA, MOHIT, AU
[72] SEAMAN, ROBERT BRIAN, AU
[72] THOMAS, ABIGAIL MAUDE, AU
[71] VBREATHE PTY LTD, AU
[85] 2020-06-19
[86] 2017-10-25 (PCT/AU2017/051174)
[87] (WO2018/112507)
[30] AU (2016905336) 2016-12-22
[30] AU (2017901850) 2017-05-17

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[13] A1
[51] **Int.Cl. A63F 3/00 (2006.01)**
[25] EN
[54] **A GAME APPARATUS**
[54] **APPAREIL DE JEU**
[72] TITELIUS, AARON, AU
[71] JAMES T. HOLDINGS PTY LTD, AU
[85] 2020-06-19
[86] 2018-12-18 (PCT/AU2018/051352)
[87] (WO2019/119032)
[30] AU (2017905103) 2017-12-20
[30] AU (2018903512) 2018-09-18

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[13] A1
[51] **Int.Cl. A61L 27/18 (2006.01) A61F 2/02 (2006.01) A61L 27/44 (2006.01) A61L 27/58 (2006.01) A61L 31/06 (2006.01) B32B 5/18 (2006.01) B32B 27/40 (2006.01) C08J 5/18 (2006.01)**
[25] EN
[54] **TISSUE REPAIR LAMINATES**
[54] **STRATIFIES POUR LA REPARATION TISSULAIRE**
[72] MOORE, TIMOTHY GRAEME, AU
[71] POLYNOVO BIOMATERIALS PTY LIMITED, AU
[85] 2020-06-19
[86] 2018-12-21 (PCT/AU2018/051381)
[87] (WO2019/119057)
[30] AU (2017905177) 2017-12-22

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[13] A1
[51] **Int.Cl. A61F 2/02 (2006.01) A61L 31/06 (2006.01) B32B 5/18 (2006.01) B32B 27/40 (2006.01) C08G 18/00 (2006.01) C08L 75/06 (2006.01)**
[25] EN
[54] **TISSUE REPAIR LAMINATES**
[54] **STRATIFIES DE REPARATION TISSULAIRE**
[72] MOORE, TIMOTHY GRAEME, AU
[71] POLYNOVO BIOMATERIALS PTY LIMITED, AU
[85] 2020-06-19
[86] 2018-12-21 (PCT/AU2018/051386)
[87] (WO2019/119061)
[30] AU (2017905176) 2017-12-22

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[13] A1
[51] **Int.Cl. H02S 40/22 (2014.01) G02B 1/11 (2015.01)**
[25] EN
[54] **SYSTEM AND METHOD OF AMPLIFYING SOLAR PANEL OUTPUT**
[54] **SYSTEME ET PROCEDE D'AMPLIFICATION D'UNE SORTIE DE PANNEAU SOLAIRE**
[72] CRAMER, GUY, CA
[71] HYPERSTEALTH BIOTECHNOLOGY CORPORATION, CA
[85] 2020-06-19
[86] 2018-12-21 (PCT/CA2018/000242)
[87] (WO2019/119108)
[30] US (62/609,425) 2017-12-22

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04W 12/06 (2009.01) G06F 21/30 (2013.01) G06F 17/00 (2019.01) H04L 9/30 (2006.01)**
[25] EN
[54] **SECURE ASSOCIATION OF AN INSTALLED APPLICATION INSTANCE WITH A SERVICE**
[54] **ASSOCIATION SECURISEE D'UNE INSTANCE D'APPLICATION INSTALLEE ET D'UN SERVICE**
[72] MEIER, IAN ROBERT, CA
[71] BITSTRATA SYTEMS INC., CA
[85] 2020-06-19
[86] 2018-11-23 (PCT/CA2018/051488)
[87] (WO2019/119112)

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[13] A1
[51] **Int.Cl. C08G 18/54 (2006.01) C08G 18/16 (2006.01) C08G 18/18 (2006.01) C08G 18/22 (2006.01) C08G 18/42 (2006.01) C08G 18/48 (2006.01) C08G 18/76 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING RIGID POLYURETHANE FOAM COMPOSITE ELEMENTS USING MANNICH POLYOLS**
[54] **PROCEDE POUR LA PRODUCTION D'ELEMENTS COMPOSITES DE POLYURETHANE-MOUSSE DURE A L'AIDE DE POLYOLS DE MANNICH**
[72] JACOBMEIER, OLAF, DE
[72] KALUSCHKE, TOBIAS, DE
[72] RENNER, CHRISTIAN, DE
[72] THATER, MICHAEL, DE
[71] BASF SE, DE
[85] 2020-06-16
[86] 2018-12-11 (PCT/EP2018/084331)
[87] (WO2019/121158)
[30] EP (17209668.7) 2017-12-21

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[13] A1
[51] **Int.Cl. B64D 11/06 (2006.01) A47C 1/024 (2006.01) A47C 7/50 (2006.01)**
[25] EN
[54] **PASSENGER SEAT WITH SUPPORT STRUCTURE DEFINING EMPTY SPACE**
[54] **SIEGE PASSAGER DOTE D'UNE STRUCTURE DE SUPPORT DEFINISSANT UN ESPACE VIDE**
[72] ERHEL, PHILIPPE, CA
[72] VIGEANT, JEROME, CA
[72] YU, CHEN HUA, CA
[71] BOMBARDIER INC., CA
[85] 2020-06-19
[86] 2018-12-18 (PCT/CA2018/051615)
[87] (WO2019/119124)
[30] US (62/608,717) 2017-12-21
[30] US (62/639,106) 2018-03-06

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[13] A1
[51] **Int.Cl. B01F 15/02 (2006.01) A01K 63/04 (2006.01) B01F 3/04 (2006.01) B01F 5/12 (2006.01) C02F 1/20 (2006.01) C02F 3/02 (2006.01) F04F 5/24 (2006.01)**
[25] EN
[54] **HIGH-EFFICIENCY AIRLIFT PUMP**
[54] **POMPE A EMULSION D'AIR A HAUT RENDEMENT**
[72] BEATTIE, MIKE, CA
[72] GLASSFORD, DAVID, CA
[71] GIS GAS INFUSION SYSTEMS INC., CA
[85] 2020-06-19
[86] 2018-12-19 (PCT/CA2018/051624)
[87] (WO2019/119131)
[30] US (62/607,385) 2017-12-19
[30] US (62/608,672) 2017-12-21

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[13] A1
[51] **Int.Cl. F24S 20/61 (2018.01) F24S 10/30 (2018.01) F24S 20/66 (2018.01) F24S 70/60 (2018.01) E04D 13/18 (2018.01) F24F 12/00 (2006.01)**
[25] EN
[54] **AIR HEATING SYSTEM**
[54] **SYSTEME DE CHAUFFAGE D'AIR**
[72] VACHON, CHRISTIAN, CA
[71] TRIGO ENERGIES INC., CA
[85] 2020-06-19
[86] 2018-12-19 (PCT/CA2018/051626)
[87] (WO2019/119133)
[30] US (62/608,591) 2017-12-21

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[13] A1
[51] **Int.Cl. C12N 5/0783 (2010.01) C07K 14/705 (2006.01)**
[25] EN
[54] **CELL**
[54] **CELLULE**
[72] PULE, MARTIN, GB
[72] PERUTA, MARCO DELLA, GB
[71] AUTOLUS LIMITED, GB
[85] 2020-06-09
[86] 2018-12-14 (PCT/GB2018/053629)
[87] (WO2019/116046)
[30] GB (1720949.5) 2017-12-15

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **NOVEL QUINOLONE COMPOUNDS AS INHIBITORS OF THE BCL6 BTB DOMAIN PROTEIN-PROTEIN INTERACTION AND/OR AS BCL6 DEGRADERS**
[54] **NOUVEAUX COMPOSES DE QUINOLONE UTILISES EN TANT QU'INHIBITEURS DE L'INTERACTION PROTEINE-PROTEINE DU DOMAINE BCL6 BTB ET/OU EN TANT QU'AGENTS DE DEGRADATION DE BCL6**
[72] CHAU, ANH MY, CA
[72] ISAAC, METHVIN, CA
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA
[85] 2020-06-19
[86] 2018-12-20 (PCT/CA2018/051633)
[87] (WO2019/119138)
[30] US (62/609,388) 2017-12-22

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[13] A1
[51] **Int.Cl. G01M 17/00 (2006.01) G06F 3/0481 (2013.01) B64D 45/00 (2006.01)**
[25] EN
[54] **METHOD OF AND APPARATUS FOR DISPLAYING AN INTERACTIVE INTERFACE DURING AIRCRAFT ABNORMAL EVENT**
[54] **PROCEDE ET APPAREIL D'AFFICHAGE D'INTERFACE INTERACTIVE PENDANT UN EVENEMENT ANORMAL D'AERONEF**
[72] BERGERON, MARC, CA
[71] BOMBARDIER INC., CA
[85] 2020-06-19
[86] 2018-12-20 (PCT/CA2018/051634)
[87] (WO2019/119139)
[30] US (62/609,021) 2017-12-21

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[13] A1
[51] **Int.Cl. E04F 15/02 (2006.01) E04F 21/20 (2006.01) E04G 21/00 (2006.01)**
[25] EN
[54] **INTERCONNECTABLE TILING SYSTEM**
[54] **SYSTEME DE CONSTRUCTION A RACCORDEMENT MUTUEL**
[72] PACIONE, JOSEPH ROCCO, CA
[71] 2600302 ONTARIO INC., CA
[85] 2020-06-19
[86] 2018-12-20 (PCT/CA2018/051635)
[87] (WO2019/119140)
[30] US (62/609,561) 2017-12-22

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[13] A1
[51] **Int.Cl. C07D 498/18 (2006.01) A61K 47/68 (2017.01) C07D 215/42 (2006.01) C07D 223/16 (2006.01) C07D 311/68 (2006.01) C07D 335/06 (2006.01) C07D 401/12 (2006.01) C07D 403/12 (2006.01) C07D 409/12 (2006.01) C07K 5/027 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **HETEROCYCLIC ACYL HYDRAZONE LINKERS, METHODS AND USES THEREOF**
[54] **LIEURS D'ACYLHYDRAZONE HETEROCYCLIQUES, PROCEDES ET UTILISATIONS ASSOCIES**
[72] AL-AWAR, RIMA, CA
[72] MAMAI, AHMED, CA
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA
[85] 2020-06-19
[86] 2018-12-20 (PCT/CA2018/051638)
[87] (WO2019/119141)

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[13] A1
[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **NOVEL DEUTERATED COMPOUNDS AS INHIBITORS OF THE BCL6 BTB DOMAIN PROTEIN-PROTEIN INTERACTION AND/OR AS BCL6 DEGRADERS**
[54] **NOUVEAUX COMPOSES DEUTERIES COMME INHIBITEURS DE L'INTERACTION PROTEINE-PROTEINE A DOMAINE BCL6 BTB ET/OU COMME AGENTS DE DEGRADATION BCL6**
[72] CHAU, ANH MY, CA
[72] ISAAC, METHVIN, CA
[72] MAMAI, AHMED, CA
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA
[85] 2020-06-19
[86] 2018-12-21 (PCT/CA2018/051642)
[87] (WO2019/119144)
[30] US (62/609,394) 2017-12-22

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[13] A1
[51] **Int.Cl. C07D 487/14 (2006.01) A61K 31/519 (2006.01) A61K 31/5377 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01) C07D 519/00 (2006.01)**
[25] EN
[54] **TRICYCLIC INHIBITORS OF THE BCL6 BTB DOMAIN PROTEIN-PROTEIN INTERACTION AND USES THEREOF**
[54] **INHIBITEURS TRICYCLIQUES DE L'INTERACTION PROTEINE-PROTEINE DU DOMAINE BTB DE BCL6 ET UTILISATIONS ASSOCIEES**
[72] AL-AWAR, RIMA, CA
[72] CHAU, ANH MY, CA
[72] ISAAC, METHVIN, CA
[72] MAMAI, AHMED, CA
[72] PODA, GENNADY, CA
[72] SUBRAMANIAN, PANDIARAJU, CA
[72] UEHLING, DAVID, CA
[72] WATSON, IAIN, CA
[72] WILSON, BRIAN, CA
[71] ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR), CA
[85] 2020-06-19
[86] 2018-12-21 (PCT/CA2018/051643)
[87] (WO2019/119145)
[30] US (62/608,869) 2017-12-21

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[13] A1
[51] **Int.Cl. C10L 1/02 (2006.01) C02F 1/00 (2006.01)**
[25] EN
[54] **A METHOD FOR BIOMASS ASSISTED SEPARATION OF PARTICULATE MATTER FROM A LIQUID STREAM AND UPGRADING OF THE COMBINED SOLIDS**
[54] **PROCEDE DE SEPARATION ASSISTEE PAR BIOMASSE DE MATIERE PARTICULAIRE A PARTIR D'UN FLUX LIQUIDE ET VALORISATION DES SOLIDES COMBINES**
[72] BILLER, PATRICK, DK
[72] OTTOSEN, LARS DITLEV MORCK, DK
[72] JOHANNSEN, LB, DK
[71] IBJ TECHNOLOGY IVS, DK
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[54] **POLYAMIDE FORMULATIONS COMPRISING SEMI-CRYSTALLINE COPOLYAMIDE AND FLAT GLASS FIBERS**
[54] **FORMULATIONS DE POLYAMIDE COMPRENANT UN COPOLYAMIDE SEMI-CRISTALLIN ET DES FIBRES DE VERRE PLATES**
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[71] PERFORMANCE POLYAMIDES, SAS, FR
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[54] **METHOD FOR REFINING PLANT FIBRES BY STEAM EXPLOSION**
[54] **PROCEDE D'AFFINAGE DE FIBRES VEGETALES PAR EXPLOSION DE VAPEUR**
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[71] LA CHANVRIERE, FR
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[54] **METHOD FOR MODIFYING POLYSACCHARIDE MATERIAL BY SEQUENCED HOMOGENEOUS CHEMICAL FUNCTIONALISATION**
[54] **PROCEDE DE MODIFICATION DE MATIERE POLYSACCHARIDIQUE PAR FONCTIONNALISATION CHIMIQUE HOMOGENE SEQUENCEE**
[72] BOCK, SOLENE, FR
[72] WIATZ, VINCENT, FR
[72] GUGLIELMETTI, THOMAS, FR
[72] ATTARD, JOFFREY, FR
[71] ROQUETTE FRERES, FR
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[54] **PROCEDE PERMETTANT DE DETECTER UNE PRISE EVENTUELLE DE CAPTURES D'ECRAN**
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[72] MAKEEV, IVAN, CA
[71] DISAPPEARS.COM HOLDINGS (CANADA) LTD., CA
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[54] **STIMULATION DE LA NITRIFICATION D'UN SOL AVEC DES COMPOSITIONS COMPRENANT UN EXTRAIT DE PLANTE**
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[72] ARKOUN, MUSTAPHA, FR
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[54] **METHOD AND DEVICE FOR DRYING GYPSUM BOARD**
[54] **PROCEDE ET DISPOSITIF DE SECHAGE DE PLAQUE DE PLATRE**
[72] MARTIN, JURGEN, DE
[72] GREBNER, GOSBERT, DE
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[54] **COMPLEMENTS ALIMENTAIRES ET LEUR UTILISATION SUR LES MENSTRUATIONS**
[72] LE COURT, CLARISSE, FR
[71] CLARIPHARM, FR
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[25] EN
[54] **CELL PENETRATING PEPTIDES WITH IMPROVED INTERNALIZATION PROPERTIES**
[54] **PEPTIDES DE PENETRATION CELLULAIRE A PROPRIETES D'INTERNALISATION AMELIOREES**
[72] REBOLLO, ANGELITA, FR
[72] FOMINAYA GUTIERREZ, JESUS MARIA, ES
[72] BRAVO SICILIA, JERONIMO, ES
[72] LEBEL BINAY, SOPHIE, FR
[72] DOMINGUEZ BERROCAL, LETICIA, FR
[71] SORBONNE UNIVERSITE, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **METHOD AND MANAGING NODE FOR MANAGING EXCHANGE OF PACKET FLOW DESCRIPTORS**
[54] **PROCEDE ET N□UD DE GESTION PERMETTANT DE GERER UN ECHANGE DE DESCRIPTEURS DE FLUX DE PAQUETS**
[72] CANETE MARTINEZ, ANTONIO, ES
[72] GOCHI GARCIA, IBON, ES
[72] MAS ROSIQUE, MARIA LUISA, ES
[72] MUNOZ DE LA TORRE ALONSO, MIGUEL ANGEL, ES
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[54] **STATION D'UN TRANSPORTEUR DE VEHICULES AERIEN SUR CABLE**
[72] CREISSELS, DENIS, FR
[72] FALQUE, ALAIN, FR
[71] CREISSELS TECHNOLOGIES, FR
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[54] **NOVEL MICROFLUIDIC DEVICES IMPLEMENTING BLOOD AND URINE CIRCUIT FOR EMULATING HOMEOSTATIC MICROPHYSIOLOGICAL SYSTEM**
[54] **NOUVEAUX DISPOSITIFS MICROFLUIDIQUES METTANT EN □UVRE UN CIRCUIT DU SANG ET DE L'URINE POUR EMULER UN SYSTEME MICROPHYSIOLOGIQUE HOMEOSTATIQUE**
[72] MARX, UWE, DE
[72] DEHNE, EVA-MARIA, DE
[72] HASENBERG, TOBIAS, DE
[71] TISSUSE GMBH, DE
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[54] **SYSTEME DE ROBINETTERIE ET PROCEDE D'INSTALLATION A POSTERIORI**
[72] HUCK, KAI, CH
[71] AQUIS SYSTEMS AG, CH
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[54] **COMPOSITION DE MATIERE GRASSE SOLIDE**
[72] DOL, GEORG CHRISTIAN, NL
[72] MEEUSE, FREDERIK MICHIEL, NL
[72] WIERINGA, JAN ALDERS, NL
[71] UNILEVER BCS LIMITED, GB
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[54] **GRIPPING APPARATUS AND DEVICES FOR PLUGGING OF PIPES, ORIFICES OR CONNECTING**
[54] **APPAREIL DE PREHENSION ET DISPOSITIFS DE BOUCHAGE DE TUYAUX, D'ORIFICES OU RACCORDEMENT**
[72] SUE, TRACY, US
[72] SUE, CASEY, US
[72] SALLEE, RICHARD, US
[71] USA INDUSTRIES, INC., US
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[25] EN
[54] **METHODS AND PHARMACEUTICAL COMPOSITIONS FOR TREATING CANDIDA AURIS IN BLOOD**
[54] **PROCEDES ET COMPOSITIONS PHARMACEUTIQUES POUR TRAITER CANDIDA AURIS DANS LE SANG**
[72] DILUCCIO, ROBERT, US
[72] REIDENBERG, BRUCE, US
[71] CORMEDIX INC., US
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[54] **SUBTHRESHOLD DIRECT CURRENT (DC) NERVE CONDUCTION BLOCK AFTER SUPRATHRESHOLD "PRIMING"**
[54] **BLOC DE CONDUCTION NERVEUSE A COURANT CONTINU (CC) DE SOUS-SEUIL APRES "AMORCAGE" DE SUPRA-SEUIL**
[72] VRABEC, TINA L., US
[72] SHAW, LAURA, US
[72] KILGORE, KEVIN L., US
[72] BHADRA, NILOY, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
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[54] **PIC1 INHIBITION OF MYELOPEROXIDASE OXIDATIVE ACTIVITY IN AN ANIMAL MODEL**
[54] **INHIBITION PIC1 DE L'ACTIVITE OXYDANTE MYELOPEROXYDASE DANS UN MODELE ANIMAL**
[72] KRISHNA, NEEL K., US
[72] CUNNION, KENJI, US
[71] REALTA HOLDINGS, LLC, US
[71] KRISHNA, NEEL K., US
[71] CUNNION, KENJI, US
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[54] **COMPOSITIONS AND METHODS FOR TREATING NERVE INJURY**
[54] **COMPOSITIONS ET PROCEDES POUR TRAITER UNE LESION NERVEUSE**
[72] PETERSON, DALE R., US
[72] OHASHI, KEVIN L., US
[72] PICKETT, LAEL J., US
[72] GONG, GLEN, US
[72] EL-KALAY, MOHAMMAD A., US
[72] MATTERN, RALPH-HEIKO, US
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[54] **COMPOSITIONS AND METHODS FOR INHIBITING ALDH2 EXPRESSION**
[54] **COMPOSITIONS ET METHODES POUR INHIBER L'EXPRESSION DE L'ALDH2**
[72] SAXENA, UTSAV, US
[71] DICERNA PHARMACEUTICALS, INC., US
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[54] **ROBINET A COMMANDE VOCALE**
[72] GUNAWARDENA, MAHENDRA, US
[72] SOBERANO, ERIC, US
[72] LIBBRECHT, ALANNA WING, US
[72] MYERS, VERNE H., US
[72] BUHOWSKI, CHRISTOPHER THOMAS, US
[72] GIBLIN, NOELLE, US
[72] HEYDARI, BEHNAM, US
[72] SMITH, BENJAMIN, US
[71] AS AMERICA, INC., US
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[54] **URINOIR AUTOMATISE**
[72] GUNAWARDENA, MAHENDRA, US
[72] MYERS, VERNE, US
[72] HEYDARI, BEHNAM, US
[72] TALUKDER, NILOY, US
[72] KOLEKAR, NITIN S., US
[71] AS AMERICA, INC., US
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[54] **LIQUID DETERGENT COMPOSITIONS COMPRISING ALKYL ETHOXYLATED SULFATE SURFACTANT**
[54] **COMPOSITIONS DETERGENTES LIQUIDES COMPRENANT UN TENSIOACTIF SULFATE D'ALKYLE ETHOXYLE**
[72] STENGER, PATRICK CHRISTOPHER, US
[72] HALL, MEG ELIZABETH, US
[72] SHROCK, KATHRY MASON, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **APPLICATEURS POUR LE TRAITEMENT DE LA SECHERESSE VAGINALE**
[72] WANG, SAMANTHA CHEN-YEE, US
[72] BRESLIN, NERY VANESA, US
[72] WILSONHOUCK, KYRA L., US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **REGLAGES D'UN VAPORISATEUR**
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[72] BOWEN, ADAM, US
[72] CHEUNG, BRANDON, US
[72] CHRISTENSEN, STEVEN, US
[72] GOLDBERG-KIDON, JONATHAN, US
[72] HATTON, NICHOLAS J., US
[72] KIM, MICHELLE, US
[72] MONSEES, JAMES, US
[72] PAGLIERE, ALEXANDER, US
[72] PHELPS, KIRK, US
[72] TURBAHN, ITAI, US
[72] WACYK, ROXOLANA, US
[72] YOST, CASEY, US
[72] ZAKS, DIEGO, US
[72] YONKER, JASON, US
[72] MURPHY, ANDREW L., US
[71] JUUL LABS, INC., US
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[54] **AFFICHAGE A GUIDE D'ONDES SANS INTERFERENCE**
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[72] BLOMSTEDT, KASIMIR, FI
[71] DISPELIX OY, FI
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[54] **PROCEDE POUR RENFORCER UNE STRUCTURE DE GENIE CIVIL**
[72] TOURNEUR, CHRISTIAN, FR
[72] MERCIER, JULIEN, FR
[72] BUCHIN-ROULIE, VANESSA, FR
[71] SOLETANCHE FREYSSINET, FR
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[54] **UNIDIRECTIONAL COMMUNICATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION UNIDIRECTIONNEL**
[72] DUPONT, GERARD, FR
[72] LAGARDE, OLIVIER, FR
[72] MARTY, JEAN-LUC, FR
[71] AIRBUS DEFENCE AND SPACE SAS, FR
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[54] **METHODE D'INACTIVATION VIRALE PAR HYGROSCOPIE CONTROLEE**
[72] HA, THI LAN, FR
[72] RITOUX, SEBASTIEN, FR
[72] ROBINE, ENRIC, FR
[71] CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB), FR
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[72] OHRLUND, AKE, SE
[72] KARLSSON, MORGAN, SE
[71] NESTLE SKIN HEALTH SA, CH
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[54] **UTILISATION D'UN TRAITEMENT ASSOCIANT UN ANTICORPS ANTI-PD-1 ET L'APATINIB POUR TRAITER LE CANCER DU SEIN TRIPLE NEGATIF**
[72] WANG, QUANREN, CN
[72] DAI, ZONGFEI, CN
[71] JIANGSU HENGRUI MEDICINE CO., LTD., CN
[71] SUZHOU SUNCADIA BIOPHARMACEUTICALS CO., LTD., CN
[85] 2020-06-19
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[30] CN (201811082708.0) 2018-09-17

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[25] EN
[54] **SPARK PLUG AND METHOD FOR MANUFACTURING A SPARK PLUG**
[54] **BOUGIE D'ALLUMAGE ET PROCEDE DE FABRICATION D'UNE BOUGIE D'ALLUMAGE**
[72] GRABNER, ROBERT, AT
[72] KLAUSNER, JOHANN, AT
[72] LANGSENLEHNER, MANFRED, AT
[71] INNIO JENBACHER GMBH & CO OG, AT
[85] 2020-06-09
[86] 2018-12-21 (PCT/AT2018/060316)
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[25] EN
[54] **AMINO INDOLE COMPOUNDS USEFUL AS TLR INHIBITORS**
[54] **COMPOSES INDOLE AMINO UTILES EN TANT QU'INHIBITEURS DE TLR**
[72] DYCKMAN, ALARIC J., US
[72] DODD, DHARMPAL S., US
[72] MUSSARI, CHRISTOPHER P., US
[72] TORTOLANI, DAVID R., US
[72] HAQUE, TASIR SHAMSUL, US
[72] POSY, SHOSHANA L., US
[71] BRISTOL-MYERS SQUIBB COMPANY, US
[85] 2020-06-15
[86] 2018-12-19 (PCT/US2018/066344)
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[30] US (62/608,032) 2017-12-20

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[25] EN
[54] **FRIGOSTABLE COMPOSITION FOR IONTOPHORETIC TRANSDERMAL DELIVERY OF A TRIPTAN COMPOUND**
[54] **COMPOSITION STABLE AU FROID POUR L'ADMINISTRATION PAR VOIE TRANSDERMIQUE IONTOPHORETIQUE D'UN COMPOSE DE TRIPTAN**
[72] LINN, MICHAEL, DE
[72] SCHMITZ, CHRISTOPH, DE
[72] FRANKE, HANSHERMANN, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2020-06-19
[86] 2018-12-13 (PCT/EP2018/084699)
[87] (WO2019/121293)
[30] EP (17208940.1) 2017-12-20

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[25] EN
[54] **USE OF CANNABIDIOL OR CANNABIS EXTRACT IN PREPARATION OF SKIN WHITENING PRODUCTS**
[54] **UTILISATION DU CANNABIDIOL OU D'UN EXTRAIT DE CANNABIS DANS LA PREPARATION DE PRODUITS DE BLANCHIMENT DE LA PEAU**
[72] ZHANG, KE, CN
[72] TAN, XIN, CN
[72] YU, ZHAOHUI, CN
[72] CHEN, ZHENG, CN
[72] WU, YANAN, CN
[72] LI, MENG, CN
[71] HANYI BIO-TECHNOLOGY COMPANY LTD., CN
[85] 2020-06-19
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/46 (2006.01) C12N 15/13 (2006.01)**
[25] EN
[54] **ANTI-PD-L1 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-PD-L1 ET UTILISATIONS ASSOCIEES**
[72] FANG, LEI, CN
[72] WANG, YONGQIANG, CN
[72] WANG, ZHENGYI, CN
[72] GUO, BINGSHI, CN
[72] ZANG, JINGWU, CN
[71] I-MAB BIOPHARMA US LIMITED, US
[85] 2020-06-19
[86] 2019-03-29 (PCT/CN2019/080458)
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[30] CN (PCT/CN2018/081079) 2018-03-29

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[51] **Int.Cl. H02G 3/32 (2006.01) B60R 16/02 (2006.01) H01B 17/14 (2006.01)**
[25] FR
[54] **CABLE SUPPORT**
[54] **SUPPORT DE CABLE**
[72] DAUDE, ADRIEN, FR
[72] RENOU, ADELIN, FR
[72] AUGEREAU, PIERRE, FR
[71] JEHIER SAS, FR
[85] 2020-06-19
[86] 2017-12-21 (PCT/FR2017/053794)
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[51] **Int.Cl. B24D 11/04 (2006.01) B24D 3/28 (2006.01)**
[25] EN
[54] **ABRASIVE ARTICLES INCLUDING AN ANTI-LOADING SIZE LAYER**
[54] **ARTICLES ABRASIFS COMPRENANT UNE COUCHE D'ENCOLLAGE ANTI-ENCRASSEMENT**
[72] LIU, LAN HONG, US
[72] KLUN, THOMAS P., US
[72] CHEN, JING, US
[72] FLOYD, THOMAS W., US
[72] CHONG CONKLIN, BATHSHEBA E., US
[72] GORGAN, ADRIANA C., CA
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2020-06-19
[86] 2018-12-19 (PCT/IB2018/060376)
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[30] US (62/608,350) 2017-12-20
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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/497 (2006.01) A61P 31/12 (2006.01)**
[25] EN
[54] **AMIDE SUBSTITUED IMIDAZO[4,5-C]QUINOLINE COMPOUNDS WITH A BRANCHED CHAIN LINKING GROUP FOR USE AS AN IMMUNE RESPONSE MODIFIER**
[54] **COMPOSES IMIDAZO [4,5-C]QUINOLEINE A SUBSTITUTION AMIDE AYANT UN GROUPE DE LIAISON A CHAINE RAMIFIEE DESTINES A ETRE UTILISES EN TANT QUE MODIFICATEUR DE LA REPONSE IMMUNITAIRE**
[72] GRIESGRABER, GEORGE W., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2020-06-19
[86] 2018-12-14 (PCT/IB2018/060122)
[87] (WO2019/123178)
[30] US (62/608,334) 2017-12-20

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[25] EN
[54] **1,2,3',5'-TETRAHYDRO-2'H-SPIRO[INDOLE-3,1'-PYRROLO[3,4-C]PYRROLE]-2,3'-DIONE COMPOUNDS AS THERAPEUTIC AGENTS ACTIVATING TP53**
[54] **COMPOSES 1,2,3',5'-TETRAHYDRO-2'H-SPIRO[INDOLE-3,1'-PYRROLO[3,4-C]PYRROLE]-2,3'-DIONE UTILISES EN TANT QU'AGENTS THERAPEUTIQUES ACTIVANT TP53**
[72] FEDER, MARCIN, PL
[72] MAZUR, MARIA, PL
[72] KALINOWSKA, IWONA, PL
[72] JASZCZEWSKA, JOANNA, PL
[72] LEWANDOWSKI, WOJCIECH, PL
[72] WITKOWSKI, JAKUB, PL
[72] JELEN, SABINA, PL
[72] WOS-LATOSI, KATARZYNA, PL
[71] ADAMED PHARMA S.A., PL
[85] 2020-06-19
[86] 2019-01-09 (PCT/EP2019/050370)
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[30] EP (18461506.0) 2018-01-16

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[51] **Int.Cl. C08F 220/18 (2006.01) B32B 23/08 (2006.01) C08K 3/26 (2006.01) D21C 9/00 (2006.01) D21H 11/00 (2006.01) D21H 21/14 (2006.01) D21H 21/16 (2006.01)**
[25] EN
[54] **WATER AND OIL RESISTANT COMPOSITIONS**
[54] **COMPOSITIONS RESISTANTES A L'EAU ET A L'HUILE**
[72] SIANI, JOSEPH, IL
[71] W-CYCLE HOLDINGS INT. LTD., IL
[85] 2020-06-19
[86] 2018-12-26 (PCT/IL2018/051394)
[87] (WO2019/130304)
[30] US (62/610,321) 2017-12-26

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[51] **Int.Cl. C22B 3/10 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **ACID BALANCE IN A CHLORIDE HEAP LEACH**
[54] **EQUILIBRE ACIDE DANS UNE LIXIVIATION EN TAS DE CHLORURE**
[72] BARIOS ORMENO, DAMASO, CL
[72] CHIBWANA, CLEMENT CHILOWA, CL
[72] STRAUSS, JOHANNES MATTHEUS, CL
[72] RORKE, GARY VERNON, NZ
[71] BHP CHILE INC., CL
[85] 2020-06-19
[86] 2018-12-20 (PCT/IB2018/060418)
[87] (WO2019/123362)
[30] ZA (2017/08731) 2017-12-21
[30] ZA (2018/00345) 2018-01-18

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[25] EN
[54] **OMIDENEPAG COMBINATION**
[54] **ASSOCIATION DE L'OMIDENEPAG**
[72] FUWA, MASAHIRO, JP
[72] TANIGUCHI, TAKAZUMI, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2020-06-19
[86] 2018-12-20 (PCT/JP2018/046969)
[87] (WO2019/124487)
[30] JP (2017-244846) 2017-12-21
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[51] **Int.Cl. A61L 15/26 (2006.01) A61L 15/42 (2006.01) A61L 15/44 (2006.01)**
[25] EN
[54] **BIOMEDICAL FOAM**
[54] **MOUSSE BIOMEDICALE**
[72] JACOBS, JOHANNES JACOBUS, IE
[72] STANLEY, COLIN, IE
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
[85] 2020-06-19
[86] 2018-12-20 (PCT/IB2018/060463)
[87] (WO2019/123389)
[30] US (62/608,256) 2017-12-20

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[51] **Int.Cl. F24H 9/20 (2006.01) G01M 3/26 (2006.01)**
[25] EN
[54] **INTEGRATED LEAK DETECTION SYSTEM FOR WATER HEATERS**
[54] **SYSTEME INTEGRE DE DETECTION DE FUITES POUR CHAUFFE-EAU**
[72] GARDNER, JOSEPH D., US
[72] BOROS, JOZEF, US
[72] JASTEH, SINA, US
[72] DONASTORG, HECTOR J., US
[72] CHAUDHRY, RAHEEL A., US
[71] RHEEM MANUFACTURING COMPANY, US
[85] 2020-05-11
[86] 2018-11-09 (PCT/US2018/060004)
[87] (WO2019/099296)
[30] US (15/815,305) 2017-11-16

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **CD70 COMBINATION THERAPY**
[54] **POLYTHERAPIE AU CD70**
[72] VAN ROMPAEY, LUC, BE
[72] MOSHIR, MAHAN, BE
[72] ZABROCKI, PIOTR, BE
[72] DELAHAYE, TIM, BE
[71] ARGENX BVBA, BE
[85] 2020-06-19
[86] 2019-01-16 (PCT/EP2019/051058)
[87] (WO2019/141732)
[30] GB (1800649.4) 2018-01-16

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[51] **Int.Cl. C07K 14/705 (2006.01) C07K 14/745 (2006.01) C12Q 1/56 (2006.01) G01N 33/50 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING RECOMBINANT GPLBA RECEPTOR PROTEIN**
[54] **COMPOSITION COMPRENANT UNE PROTEINE RECOMBINANTE DU RECEPTEUR GPIBA**
[72] BOOTH, ELIZABETH, US
[72] MONTANINI, VIRGINIA, ES
[72] HALL, JOHN A., US
[72] BERRY, JODY, US
[71] GRIFOLS DIAGNOSTIC SOLUTIONS INC., US
[85] 2020-06-19
[86] 2019-02-15 (PCT/IB2019/051227)
[87] (WO2019/162813)
[30] US (62/632,870) 2018-02-20

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[51] **Int.Cl. B25J 15/00 (2006.01)**
[25] EN
[54] **ARTICLE HOLDING DEVICE AND ARTICLE HOLDING SYSTEM**
[54] **DISPOSITIF DE MAINTIEN D'ARTICLE ET SYSTEME DE MAINTIEN D'ARTICLE**
[72] FUJIHARA, HIROAKI, JP
[72] YAMAMOTO, SAYO, JP
[71] KABUSHIKI KAISHA TOSHIBA, JP
[71] TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION, JP
[85] 2020-06-19
[86] 2018-09-11 (PCT/JP2018/033675)
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[30] JP (2017-246761) 2017-12-22

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[51] **Int.Cl. A23D 9/05 (2006.01) A23L 23/10 (2016.01) A23D 9/007 (2006.01) A23D 9/02 (2006.01) A23G 1/40 (2006.01)**
[25] EN
[54] **MANUFACTURING PROCESS FOR THE PRODUCTION OF A POWDER FROM FAT AND FIBER**
[54] **PROCEDE DE FABRICATION POUR PRODUIRE UNE POUDRE A PARTIR DE GRAISSE ET DE FIBRE**
[72] GADDIPATI, SANYASI, DE
[72] PERDANA, JIMMY, DE
[72] KIM, YOUNGBIN, DE
[72] SCHROEDER, VOLKER, DE
[72] FERNANDEZ,FARRES, ISABEL, CH
[72] GUNES, ZEYNEL,DENIZ, CH
[71] SOCIETE DES PRODUITS NESTLE S.A., CH
[85] 2020-06-19
[86] 2019-01-21 (PCT/EP2019/051316)
[87] (WO2019/145241)
[30] EP (18152898.5) 2018-01-23

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[25] EN
[54] **METHOD FOR CONTROLLING HARMFUL ORGANISMS IN CROPS**
[54] **PROCEDE DE LUTTE CONTRE LES ORGANISMES NUISIBLES DES CULTURES**
[72] JIN, YOSHINOBU, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2020-06-19
[86] 2017-12-20 (PCT/JP2017/045677)
[87] (WO2018/043764)

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[25] EN
[54] **RADIOACTIVE DRUG**
[54] **MEDICAMENT RADIOACTIF**
[72] ARANO, YASUSHI, JP
[72] UEHARA, TOMOYA, JP
[72] SUZUKI, HIROYUKI, JP
[71] NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY, JP
[85] 2020-06-19
[86] 2018-09-26 (PCT/JP2018/035786)
[87] (WO2019/065774)
[30] JP (2017-185484) 2017-09-26

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[51] **Int.Cl. C12N 15/62 (2006.01) A61K 39/12 (2006.01) A61K 39/145 (2006.01) A61K 39/295 (2006.01) A61P 31/14 (2006.01) A61P 31/16 (2006.01) C07K 14/08 (2006.01) C07K 14/11 (2006.01) C07K 19/00 (2006.01) C12N 15/40 (2006.01) C12N 15/44 (2006.01)**
[25] EN
[54] **CROSS-IMMUNIZING ANTIGEN VACCINE AND METHOD FOR PREPARATION THEREOF**
[54] **VACCIN ANTIGENIQUE A IMMUNISATION CROISEE ET SON PROCEDE DE PREPARATION**
[72] SEKIKAWA, KENJI, JP
[71] KIRIN HOLDINGS KABUSHIKI KAISHA, JP
[71] GREEN BIOMED, INC., JP
[85] 2020-06-19
[86] 2018-12-21 (PCT/JP2018/047379)
[87] (WO2019/124557)
[30] JP (2017-245606) 2017-12-21

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[51] **Int.Cl. A61K 31/335 (2006.01) A61K 31/472 (2006.01) A61K 31/551 (2006.01) A61K 45/00 (2006.01) A61P 9/12 (2006.01) A61P 27/02 (2006.01) A61P 27/06 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **MEDICAMENT COMPRISING COMBINATION OF SEPETAPROST AND RHO-ASSOCIATED COILED-COIL CONTAINING PROTEIN KINASE INHIBITOR**
[54] **MEDICAMENT COMPRENANT UNE COMBINAISON DE SEPETAPROST ET D'INHIBITEUR DE LA RHO-KINASE**
[72] YAMAMOTO, YASUKO, JP
[72] TANIGUCHI, TAKAZUNI, JP
[71] SANTEN PHARMACEUTICAL CO., LTD., JP
[85] 2020-06-19
[86] 2018-12-20 (PCT/JP2018/046970)
[87] (WO2019/124488)
[30] JP (2017-244847) 2017-12-21
[30] JP (2018-180658) 2018-09-26

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[51] **Int.Cl. A61K 31/5025 (2006.01) A61P 25/00 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) C07D 487/04 (2006.01)**
[25] EN
[54] **INHIBITORS OF PROTEASE ACTIVATED RECEPTOR-2**
[54] **INHIBITEURS DU RECEPTEUR-2 ACTIVE DE PROTEASE**
[72] AURELIO, LUIGI, AU
[72] BUNNETT, NIGEL, AU
[72] FLYNN, BERNARD LUKE, AU
[72] GIANG, LE, AU
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
[85] 2020-06-19
[86] 2018-12-19 (PCT/JP2018/047988)
[87] (WO2019/124567)

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[51] **Int.Cl. B01J 21/06 (2006.01) B01J 21/04 (2006.01) B01J 23/34 (2006.01) B01J 32/00 (2006.01)**
[25] EN
[54] **CATALYST SUPPORT COMPRISING HOMOGENEOUSLY DISTRIBUTED TITANIUM DIOXIDE AND METHOD FOR PRODUCTION**
[54] **SUPPORT DE CATALYSEUR COMPRENANT DU DIOXYDE DE TITANE DISTRIBUE DE MANIERE HOMOGENE ET PROCEDE DE PRODUCTION**
[72] NIEMEYER, DIERK, DE
[72] WOLK, HANS-JORG, DE
[72] GOROLL, KATHARINA, DE
[72] SCHONEBORN, MARCOS, DE
[72] KUHN, MARTIN, DE
[71] SASOL GERMANY GMBH, DE
[85] 2020-06-19
[86] 2019-01-21 (PCT/EP2019/051392)
[87] (WO2019/141848)
[30] EP (18152854.8) 2018-01-22

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[51] **Int.Cl. A61B 3/16 (2006.01) A61B 3/00 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **REDUCING ERRORS OF OPTICAL MEASUREMENTS OF INTERNAL PRESSURE OF A BODY PERFORMED WITH AN OPTICAL MEMBER IN CONTACT WITH THE BODY**
[54] **REDUCTION DES ERREURS DE MESURES OPTIQUES DE LA PRESSION INTERNE D'UN CORPS EFFECTUEES AVEC UN ELEMENT OPTIQUE EN CONTACT AVEC LE CORPS**
[72] MCCAFFERTY, SEAN J., US
[71] CATS TONOMETER LLC, US
[85] 2020-06-09
[86] 2018-12-11 (PCT/US2018/064878)
[87] (WO2019/118410)
[30] US (62/597,714) 2017-12-12
[30] US (62/658,273) 2018-04-16
[30] US (16/000,573) 2018-06-05

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[25] EN
[54] **AUSTENITIC HEAT-RESISTANT ALLOY AND METHOD FOR PRODUCING SAME, AND AUSTENITIC HEAT-RESISTANT ALLOY MATERIAL**
[54] **ALLIAGE REFRACTAIRE D'AUSTENITE ET SON PROCEDE DE PRODUCTION, AINSI QUE MATERIAU D'ALLIAGE REFRACTAIRE D'AUSTENITE**
[72] NISHIMOTO, TAKUMI, JP
[72] NISHIYAMA, YOSHITAKA, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2020-06-19
[86] 2019-01-08 (PCT/JP2019/000164)
[87] (WO2019/138987)
[30] JP (2018-001711) 2018-01-10

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[51] **Int.Cl. C22C 30/02 (2006.01) C22F 1/00 (2006.01) C22F 1/16 (2006.01)**
[25] EN
[54] **CR-NI ALLOY AND SEAMLESS STEEL PIPE MADE OF CR-NI ALLOY**
[54] **ALLIAGE CR-NI ET TUBE EN ACIER SANS SOUDURE FORME D'UN ALLIAGE CR-NI**
[72] TOMIO, AKIKO, JP
[72] UEYAMA, MASAKI, JP
[72] TOMIO, YUSAKU, JP
[71] NIPPON STEEL CORPORATION, JP
[85] 2020-06-19
[86] 2019-01-17 (PCT/JP2019/001361)
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[25] EN
[54] **NOVEL USES**
[54] **NOUVELLES UTILISATIONS**
[72] JOLLES, STEPHEN, GB
[72] ASHRAFIAN, HOUMAN, GB
[72] MCHALE, DUNCAN, GB
[71] ZARODEX THERAPEUTICS LIMITED, GB
[85] 2020-06-19
[86] 2019-01-31 (PCT/EP2019/052449)
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[54] **NOUVEAU PEPTIDE**
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[72] LEE, JI HYUN, KR
[71] HYSENSBIO, KR
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[54] **SYSTEME ET PROCEDE DE CULTURE VERTICALE**
[72] WESTLIND, SAMUEL, US
[72] DECHELLIS, MICHAEL, US
[72] PIEPER, MEGHAN, US
[71] ZADIANCE LLC, US
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[54] **INSULATING GLAZING UNIT**
[54] **ENSEMBLE VITRAGE ISOLANT**
[72] HOLTSTIEGE, THOMAS, DE
[72] DROGE, ALICIA, DE
[72] EFFERTZ, CHRISTIAN, DE
[72] MARJAN, CHRISTOPHER, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **SYSTEME D'ENGRAISSEMENT POUR DES MOLLUSQUES**
[72] QUINTA CORTINAS, ANDRES, ES
[71] QUINTA CORTINAS, ANDRES, ES
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[54] **MODULE COMPRISING ANTENNA AND RF ELEMENT, AND BASE STATION INCLUDING SAME**
[54] **MODULE COMPRENANT UNE ANTENNE ET UN ELEMENT RF, ET STATION DE BASE LE COMPRENANT**
[72] BAEK, KWANGHYUN, KR
[72] KO, SEUNGTAE, KR
[72] KIM, KIJOON, KR
[72] SON, JUHO, KR
[72] LEE, SANGHO, KR
[72] LEE, YOUNGJU, KR
[72] LEE, JUNGYUB, KR
[72] CHEON, YONGHUN, KR
[72] HA, DOHYUK, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **ARTICLES ABRASIFS COMPRENANT UNE SUBSTANCE SATURANTE ET UNE COUCHE D'ENCOLLAGE ANTI-ENCRASSEMENT**
[72] CHEN, JING, US
[72] LIU, LAN HONG, US
[72] KLUN, THOMAS P., US
[72] FLOYD, THOMAS W., US
[72] CONKLIN, BATHSHEBA E. CHONG, US
[72] WU, DONG, CN
[72] WANG, ZHONGMIN, CN
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **A VEHICLE AUTHENTICATION AND PROTECTION SYSTEM**
[54] **SYSTEME D'AUTHENTIFICATION ET DE PROTECTION DE VEHICULE**
[72] KAMIR, EYAL, IL
[72] FOK, ALEXANDER, IL
[72] FREDKOF, ORIT, IL
[72] BITTON, AVI, IL
[72] MALKA, YEHONATAN SHLOMO, IL
[72] BITTON, CHARLY, IL
[72] ZWICKEL, LIRAN, IL
[72] FRIEDMAN, URIEL, IL
[72] DALI, MENI, IL
[71] ENIGMATOS LTD., IL
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[25] EN
[54] **THERAPEUTIC ENZYME FUSION PROTEIN HAVING A NOVEL STRUCTURE AND USE THEREOF**
[54] **PROTEINE DE FUSION D'ENZYME THERAPEUTIQUE A NOUVELLE STRUCTURE ET SON UTILISATION**
[72] JUNG, EUI JOON, KR
[72] KIM, JIN YOUNG, KR
[72] CHOI, IN YOUNG, KR
[72] JUNG, SUNG YOUB, KR
[71] HANMI PHARM. CO., LTD., KR
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[25] EN
[54] **METHOD FOR THE ADHESIVE BONDING OF ELECTRICAL SHEETS AND ELECTRICAL SHEET PACKS PRODUCED ACCORDING TO A CORRESPONDING METHOD**
[54] **PROCEDE DE LIAISON PAR COLLAGE DE TOLES ELECTRIQUES ET PAQUETS DE TOLES ELECTRIQUES FABRIQUES PAR UN PROCEDE CORRESPONDANT**
[72] WILKEN, RALPH, DE
[72] POPP, MATTHIAS, DE
[72] DEGENHARDT, JOST, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EINGETRAGENER VEREIN, DE
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[54] **ROTARY STEERABLE TOOL WITH DUMP VALVE**
[54] **OUTIL ROTATIF ORIENTABLE A CLAPET DE DRAINAGE**
[72] CHAMBERS, LARRY DELYNN, US
[72] DEOLALIKAR, NEELESH V., US
[72] FINKE, MICHAEL DEWAYNE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MERCHANDISER INCLUDING CONDUCTIVE COATING TO HEAT FRAME**
[54] **PRESENTOIR COMPRENANT UN REVETEMENT CONDUCTEUR SUR UN CADRE THERMIQUE**
[72] TWOHY, RAYMOND P., US
[71] HUSSMANN CORPORATION, US
[85] 2020-06-19
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[54] **TEMPLATE-DIRECTED NUCLEIC ACID TARGETING COMPOUNDS**
[54] **COMPOSES CIBLANT L'ACIDE NUCLEIQUE DIRIGES SUR LA MATRICE**
[72] LY, DANITH H., US
[72] HSIEH, WEI-CHE, TW
[72] BAHAL, RAMAN, US
[71] CARNEGIE MELLON UNIVERSITY, US
[85] 2020-06-19
[86] 2018-12-21 (PCT/US2018/067096)
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[25] EN
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[54] **JAUGE DE VERIFICATION D'IMAGES 3-D**
[72] JO, JEREMY E., US
[72] CASELLI, MICHAEL K., US
[71] DENTSPLY SIRONA INC., US
[85] 2020-06-19
[86] 2018-12-18 (PCT/US2018/066151)
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[25] EN
[54] **OUTER SPACE DIGITAL LOGISTICS SYSTEM**
[54] **SYSTEME LOGISTIQUE NUMERIQUE D'ESPACE EXTERIEUR**
[72] SMALL, GEORGE, US
[72] VAN OSS, JAMES, US
[72] REGENOR, JAMES, US
[72] GUERRIER, PAUL, US
[72] BAGGS, GEORGE, US
[72] JONES, JASON, US
[71] MOOG INC., US
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[54] **BIOMARKERS OF METHOTREXATE-INDUCED IMMUNE TOLERANCE**
[54] **BIOMARQUEURS DE TOLERANCE IMMUNITAIRE INDUITE PAR METHOTREXATE**
[72] JOSEPH, ALEXANDRA, US
[72] TRAN, JOHNSON, US
[72] RICHARDS, SUSAN M., US
[71] GENZYME CORPORATION, US
[85] 2020-06-19
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[54] **CHIRALLY-ENRICHED DOUBLE-STRANDED RNA AGENTS**
[54] **AGENTS D'ARN DOUBLE BRIN A ENRICHISSEMENT CHIRAL**
[72] MANOHARAN, MUTHIAH, US
[72] TANEJA, NATE, US
[72] JAHNS, HARTMUT INGO, US
[72] MATSUDA, SHIGEO, US
[72] CHARISSE, KLAUS, US
[72] HE, GUO, US
[72] NAIR, JAYAPRAKASH K., US
[72] BROWN, CHRISTOPHER, US
[72] SCHLEGEL, MARK K., US
[72] JADHAV, VASANT, US
[72] MAIER, MARTIN, US
[71] ALNYLAM PHARMACEUTICALS, INC., US
[85] 2020-06-19
[86] 2018-12-21 (PCT/US2018/067103)
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[25] EN
[54] **FUSION PROTEIN COMPRISING IL-2 PROTEIN AND CD80 PROTEIN, AND USE THEREOF**
[54] **PROTEINE DE FUSION COMPRENANT UNE PROTEINE IL-2 ET UNE PROTEINE CD80 ET UTILISATION ASSOCIEE**
[72] JANG, MYUNG HO, KR
[71] GI INNOVATION, INC., KR
[85] 2020-06-19
[86] 2019-09-16 (PCT/KR2019/011928)
[87] (WO2020/060122)
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[54] **HERBICIDAL MIXTURES**
[54] **MELANGES HERBICIDES**
[72] GAO, JINGSI, US
[72] MACINNES, ALISON, US
[71] MONSANTO TECHNOLOGY LLC, US
[85] 2020-06-19
[86] 2018-12-21 (PCT/US2018/067212)
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[54] **MEASURING SOURCE ROCK POTENTIAL USING TERAHERTZ ANALYSIS**
[54] **MESURE D'UN POTENTIEL DE ROCHE SOURCE A L'AIDE D'UNE ANALYSE TERAHERTZ**
[72] CSUTAK, SEBASTIAN, US
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2020-06-19
[86] 2018-12-18 (PCT/US2018/066201)
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[51] **Int.Cl. G16H 20/40 (2018.01) G16H 20/17 (2018.01) G16H 50/00 (2018.01) A61M 1/10 (2006.01) A61M 5/14 (2006.01)**
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[54] **SYSTEMS AND METHODS FOR PREDICTING PATIENT HEALTH STATUS**
[54] **SYSTEMES ET PROCEDES DE PREVISION DE L'ETAT DE SANTE D'UN PATIENT**
[72] LIU, CHEN, US
[72] KATERJI, ADMAD EL, US
[72] CORBETT, SCOTT, US
[71] ABIOMED, INC., US
[85] 2020-06-19
[86] 2018-12-21 (PCT/US2018/067240)
[87] (WO2019/126721)
[30] US (62/609,158) 2017-12-21

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[51] **Int.Cl. C07D 311/94 (2006.01)**
[25] EN
[54] **NEPETALACTOL OXIDOREDUCTASES, NEPETALACTOL SYNTHASES, AND MICROBES CAPABLE OF PRODUCING NEPETALACTONE**
[54] **NEPETALACTOL OXYDOREDUCTASES, NEPETALACTOL SYNTHASES ET MICROBES CAPABLES DE PRODUIRE UNE NEPETALACTONE**
[72] WAWRZYN, GRAYSON, US
[72] ROCHE, CHRISTINE, US
[72] WESTFALL, PATRICK, US
[72] LAU, WARREN, US
[72] GANESAN, SAVITA, US
[72] MCSORLEY, FERN, US
[72] SERBER, ZACH, US
[71] ZYMERGEN INC., US
[85] 2020-06-19
[86] 2018-12-21 (PCT/US2018/067333)
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[30] US (62/609,272) 2017-12-21
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[54] **SERRE**
[72] NOWE, WILLE, NL
[72] KICKERT, VINCENT MARTIJN, NL
[71] VAN DER HOEVEN HORTICULTURAL PROJECTS B.V., NL
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[86] 2018-12-21 (PCT/NL2018/050876)
[87] (WO2019/125169)
[30] NL (2020176) 2017-12-22

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[51] **Int.Cl. B32B 5/26 (2006.01) B28B 23/00 (2006.01) B32B 5/02 (2006.01)**
[25] EN
[54] **A REINFORCING LAYER, A CEMENTITIOUS BOARD, AND METHOD OF FORMING THE CEMENTITIOUS BOARD**
[54] **COUCHE DE RENFORCEMENT, PLAQUE EN MATERIAU CIMENTAIRE ET PROCEDE DE FORMATION DE LA PLAQUE EN MATERIAU CIMENTAIRE**
[72] BROWN, NANCY E., US
[72] GOLDHAWK, MATTHEW S., US
[72] LI, ZHENPENG, US
[72] ROSSELER, OLIVIER, US
[71] SAINT-GOBAIN ADFORS CANADA, LTD., US
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[54] **ION BEAM SPUTTERING APPARATUS AND METHOD**
[54] **PROCEDE ET APPAREIL DE PULVERISATION PAR FAISCEAU D'IONS**
[72] FUTTER, RICHARD JOHN, NZ
[72] DAVIDSON, RYAN JAMES, NZ
[72] LEVENEUR, JEROME, NZ
[72] KENNEDY, JOHN VEDAMUTHU, NZ
[71] INSTITUTE OF GEOLOGICAL AND NUCLEAR SCIENCES LIMITED, NZ
[71] FUTTER, RICHARD JOHN, NZ
[71] DAVIDSON, RYAN JAMES, NZ
[85] 2020-06-19
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[25] EN
[54] **MICROFLUIDIC CHIP DEVICE FOR OPTICAL FORCE MEASUREMENTS AND CELL IMAGING USING MICROFLUIDIC CHIP CONFIGURATION AND DYNAMICS**
[54] **DISPOSITIF A PUCE MICROFLUIDIQUE POUR MESURES DE FORCE OPTIQUE ET IMAGERIE CELLULAIRE UTILISANT UNE CONFIGURATION ET UNE DYNAMIQUE DE PUCE MICROFLUIDIQUE**
[72] HART, SEAN, US
[72] HEBERT, COLIN, US
[72] FIELD, CHRISTOPHER, US
[72] KRISHNAN, SHWETA, US
[71] LUMACYTE LLC, US
[85] 2020-06-19
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[25] EN
[54] **SILANE-TERMINATED POLYURETHANE CROSSLINKING POLYMER FOR HIGH TENSILE STRENGTH ADHESIVE**
[54] **POLYMERE DE RETICULATION DE POLYURETHANE A TERMINAISON SILANE POUR ADHESIF A HAUTE RESISTANCE A LA TRACTION**
[72] ASHTON, HENRY, US
[72] LI, YUFANG, US
[72] BENITEZ MARTINEZ, RAUL, US
[71] HENKEL IP & HOLDING GMBH, DE
[85] 2020-06-19
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[25] EN
[54] **COMPOSITIONS COMPRISING STABILIZED OXYGEN AND METHODS OF FORMING THE SAME**
[54] **COMPOSITIONS COMPRENANT DE L'OXYGENE STABILISE ET PROCEDES DE FORMATION ASSOCIES**
[72] SAMPRONI, JENNIFER, US
[72] HORAN, KEVIN, US
[72] NARAYAN, MURLI, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
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[30] US (62/608,677) 2017-12-21

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[51] **Int.Cl. B25B 15/06 (2006.01) E04D 15/04 (2006.01)**
[25] EN
[54] **MOUNTING DEVICE FOR INSULATION HOLDERS AND A METHOD FOR INSERTING INSULATION HOLDERS**
[54] **DISPOSITIF DE MONTAGE POUR SUPPORTS D'ISOLATION ET PROCEDE D'INSERTION DE SUPPORTS D'ISOLATION**
[72] ANDERSSON, STEFAN, SE
[71] EUROSPACERS AB, SE
[85] 2020-06-19
[86] 2019-01-18 (PCT/SE2019/050033)
[87] (WO2019/143286)
[30] SE (1850054-6) 2018-01-18

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[25] EN
[54] **OPTICAL FIBER FURCATION ASSEMBLIES**
[54] **ENSEMBLES DE BIFURCATION DE FIBRE OPTIQUE**
[72] GUZZO, LOUIS, US
[72] WITTMEIER, DAVID, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2020-06-19
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[30] US (15/850,822) 2017-12-21

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[54] **VOICE RESPONSIVE IN-WALL DEVICE**
[54] **DISPOSITIF A PAROI SENSIBLE A LA VOIX**
[72] MONTEITH, SHAWN, US
[72] TETREAULT, MICHAEL, US
[72] GOULD, DANIEL, US
[72] KRAUS, NICHOLAS, US
[71] HUBBELL INCORPORATED, US
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[87] (WO2019/126284)
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[72] TETREAULT, MICHAEL, US
[72] GOULD, DANIEL, US
[72] KRAUS, NICHOLAS, US
[71] HUBBELL INCORPORATED, US
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[54] **SYSTEME ET PROCEDE DE PLACEMENT DE RESSOURCES ENTRE NUAGES POUR DES CHARGES DE TRAVAIL A GRAND VOLUME DE DONNEES**
[72] DUTTA, DEBOJYOTI, US
[72] HUANG, XINYUAN, US
[71] CISCO TECHNOLOGY, INC., US
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[54] **CATHETER DE THROMBECTOMIE ET PROCEDES D'UTILISATION**
[72] GUERRA, ERIC RAUL, US
[72] GUERRA, XOCHITL BRAHMS, US
[72] GUERRA, MAYRA PAULINA, US
[71] GUERRA, ERIC RAUL, US
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[54] **SYSTEMES DE VENTILATEUR CONNECTES**
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[72] TETREAULT, MICHAEL, US
[71] HUBBELL INCORPORATED, US
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[54] **SYSTEME INTELLIGENT DE SOINS DE SANTE**
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[72] FENG, LIANG, US
[72] FURLANI, EDWARD P., US
[72] GAN, QIAOQIANG, US
[72] SUN, ZHI, US
[72] WU, YUN, US
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[54] **SYSTEME DE SURVEILLANCE PERMETTANT DE SECURISER DES RESEAUX A PARTIR DE DRONES DE PIRATE**
[72] CORRENTI, MATTHEW DANIEL, US
[72] KELLY, MICHAEL, US
[71] ALARM.COM INCORPORATED, US
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[54] **SYSTEME ET PROCEDE DE DECONGESTIONNEMENT DE TRAINS DE GNL**
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[72] LEE, YOW-YEEN, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **MICRO-REFORMEUR**
[72] BARNETT, DANIEL JOSEPH, US
[71] BD ENERGY SYSTEMS, LLC, US
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[54] **NON-RACEMIC BETA-HYDROXYBUTYRATE COMPOUNDS AND COMPOSITIONS ENRICHED WITH S-ENANTIOMER AND METHODS OF USE**
[54] **COMPOSES BETA-HYDROXYBUTYRATE NON RACEMIQUES ET COMPOSITIONS ENRICHIES EN L'ENANTIOMERE S, ET LEURS PROCEDES D'UTILISATION**
[72] MILLET, GARY, US
[71] AXCESS GLOBAL SCIENCES, LLC, US
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[54] **SYSTEMS, SUBSYSTEMS, AND METHODS WITH NET ENERGY METERING**
[54] **SYSTEMES, SOUS-SYSTEMES ET PROCEDES AVEC MESURE D'ENERGIE UTILE**
[72] MARTINA, ERIC, US
[72] BARRON, GUY MICHAEL, US
[72] YOUNG, ANDREW BRIAN, US
[72] UHMEYER, UWE, US
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[54] **METHODS AND SYSTEMS FOR CRUDE OIL BLENDING WITH QUALITY AND COMPOSITION MONITORING AND CONTROL**
[54] **PROCEDES ET SYSTEMES DE MELANGE DE PETROLE BRUT A SURVEILLANCE ET REGULATION DE QUALITE ET DE COMPOSITION**
[72] MAHAVADI, SHARATH CHANDRA, US
[72] KADAYAM VISWANATHAN, RAVINATH KAUSIK, US
[72] FELLAH, KAMILLA, US
[72] ANDERSEN, SIMON IVAR, DK
[72] TANG, YIQIAO, US
[72] SONG, YI-QIAO, US
[72] TAYLOR, SHAWN DAVID, US
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[71] SCHLUMBERGER CANADA LIMITED, CA
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[54] **DISPOSITIFS ET PROCEDES D'ECLAIRAGE**
[72] GUPTA, JESS, US
[71] BEZEL STUDIO, US
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[54] **CARBAMATE AND UREA COMPOUNDS AS MULTIKINASE INHIBITORS**
[54] **COMPOSES DE CARBAMATE ET D'UREE UTILISES COMME INHIBITEURS DE MULTIKINASES**
[72] WU, WEN-LIAN, US
[72] YANG, ZHIQIANG, US
[72] LEE, FRANCIS, US
[72] TAN, JOHN QIANG, US
[71] ANGEX PHARMACEUTICAL, INC., US
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[54] **PROCEDE DE MAPPAGE DE TON INVERSE AMELIORE ET DISPOSITIF CORRESPONDANT**
[72] GUERMOUD, HASSANE, FR
[72] CAUVIN, LAURENT, FR
[72] KERVEC, JONATHAN, FR
[72] POULI, TANIA, FR
[71] INTERDIGITAL VC HOLDINGS, INC., US
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[54] **ABAISSEUR DE POINT DE TROUBLE POUR CARBURANTS DE TYPE DISTILLAT MOYEN**
[72] SORIANO, NESTER JR., US
[72] MUKKAMALA, RAVINDRANATH, US
[71] ECOLAB USA INC., US
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[54] **CONDUCTEURS ET ENSEMBLES CONTINUELLEMENT TRANSPOSES**
[72] GRONOWSKI, BOGDAN, US
[72] CAIN, DAVID MARSHALL, US
[72] LEACH, MATTHEW, US
[72] RICHARDSON, CHRISTOPHER, US
[72] STEPHENS, JASON DENNIS, US
[71] ESSEX GROUP, INC., US
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[54] **METHODS AND SYSTEMS FOR OPERATING AND MAINTAINING A DOWNHOLE WIRELESS NETWORK**
[54] **PROCEDES ET SYSTEMES POUR LE FONCTIONNEMENT ET LA MAINTENANCE D'UN RESEAU SANS FIL DE FOND DE TROU**
[72] DISKO, MARK M., US
[72] CLAWSON, SCOTT W., US
[72] WALKER, KATIE M., US
[72] ANGELES BOZA, RENZO M., US
[72] SONG, LIMIN, US
[72] DEFFENBAUGH, MAX, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY (EMHC-N1-4A-607), US
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[54] **SYSTEMES ET PROCEDES DE SURVEILLANCE DE VOLUME TIDAL SANS CONTACT A BASE DE VIDEO**
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[72] JACQUEL, DOMINIQUE, GB
[72] FOO, DAVID, GB
[71] COVIDIEN LP, US
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[54] **METHODS AND SYSTEMS FOR MONITORING AND OPTIMIZING RESERVOIR STIMULATION OPERATIONS**
[54] **PROCEDES ET SYSTEMES POUR SURVEILLER ET OPTIMISER DES OPERATIONS DE STIMULATION DE RESERVOIR**
[72] YI, XIAOHUA, US
[72] DISKO, MARK M., US
[72] SONG, LIMIN, US
[72] HOWELL, DAVID A., US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[72] SHUKLA, RAJESH, US
[72] THAMATAM, RAJESH, US
[71] PCI SYNTHESIS, INC., US
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[54] **GESTION DE RESEAU DE CHAINES DE BLOCS IMPLEMENTANT L'AUTHENTIFICATION BIOMETRIQUE D'UN INDIVIDU**
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[72] ZILI, HASSAN, MA
[72] TALI, ABDELHAK, MA
[71] TALIWARE, INC., US
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[54] **SYSTEME D'INSPECTION DE PUITS DE FORAGE**
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[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **FORMES CRISTALLINES DE CHLORURE DE NICOTINAMIDE RIBOSIDE**
[72] MARCOTULLI, ERIC, US
[72] ALMINANA, DAN, US
[72] DELLINGER, RYAN, US
[72] MORRIS, MARK, US
[71] ELYSIUM HEALTH, INC., US
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[54] **ISOLATION DE SERVICES DANS UNE INTERFACE DE RESEAU PHYSIQUE UNIQUE**
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[72] TURNER, ERIC, US
[72] PETERSON, ROBERT, US
[71] ENTRY POINT, LLC, US
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[54] **COMPOSITIONS DE REVETEMENT ELECTRODEPOSABLES ET REVETEMENTS ELECTROCONDUCTEURS OBTENUS A PARTIR DE CELLES-CI**
[72] ZAWACKY, STEVEN R., US
[72] PUODZIUKYNAITE, EGLE, US
[72] MILANAK, JR., STEPHEN L., US
[72] SANDALA, MICHAEL G., US
[72] DONNELLY, JOHN T., US
[72] DEDOMENIC, COREY J., US
[72] SYLVESTER, KEVIN T., US
[72] NGUYEN, MINH AN THI, US
[72] OAKES, LANDON J., US
[72] OKERBERG, BRIAN C., US
[72] MORETTI, ROSS A., US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **LECTEUR OPTIQUE POUR TEST D'ANALYTE**
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[72] SANGHERA, HARDEEP, US
[72] CHANG, YUN-PEI, US
[72] SHASTRY, ASHUTOSH, US
[72] GLUZCZACK, MICHAEL, US
[72] CHOPRA, PRANAV, US
[72] KANTAK, AMEYA, US
[71] EVANOSTICS LLC, US
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[54] **ELEMENTS PALIERS RESISTANTS A LA CORROSION, ENSEMBLES DE PALIERS, APPAREILS A PALIERS, ET ENSEMBLES DE MOTEURS UTILISANT CEUX-CI**
[72] GONZALEZ, JAIR JAHAZIEL, US
[71] US SYNTHETIC CORPORATION, US
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[30] US (62/620,840) 2018-01-23
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[54] **ENSEMBLE BRAS DE LEVAGE EXTENSIBLE POUR VEHICULE DE COLLECTE D'ORDURES A CHARGEMENT FRONTAL**
[72] ROCHOLL, JOSHUA D., US
[72] DIENEMA, MATT, US
[72] HOEFKER, JARUD H., US
[72] WILMES, JUSTIN, US
[71] OSHKOSH CORPORATION, US
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[54] **PROCEDE ET SYSTEME POUR AFFICHAGE D'UN GRAND CHAMP DE VISION A L'AIDE D'UN MIROIR A BALAYAGE PRESENTANT UNE CERTAINE PUISSANCE OPTIQUE**
[72] FREEDMAN, BARAK, US
[72] PELLMAN, ASAF, US
[72] WEINSTEIN, ORI, US
[71] MAGIC LEAP, INC., US
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[54] **STABLE REDOX COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS REDOX STABLES ET PROCEDES D'UTILISATION**
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[71] REOXCYN, LLC, US
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[54] **NAVIGATION PAR NAVIGATEUR POUR FACILITER L'ACCES AUX DONNEES**
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[72] BYSTROM, MAJA, US
[71] BEVARA TECHNOLOGIES, LLC, US
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[54] **LOW-COLOR STARCH MATERIALS AND METHODS FOR MAKING AND USING SAME**
[54] **MATERIAUX A BASE D'AMIDON FAIBLEMENT COLORES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] LIU, WEICHANG, US
[72] YOU, ZHENG, US
[72] PATTON, PENELOPE A., US
[72] COBBY, MICHAEL A., US
[72] WINDEBANK, TIM, US
[72] LOCHTMAN, SERGE, US
[72] PEREZ HERRERA, MARIANA, US
[72] SMOOT, JAMES, US
[71] TATE & LYLE INGREDIENTS AMERICAS LLC, US
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[54] **SYSTEM FOR MULTIPLE PRESSURE RELIEF DEVICE ACTIVATION**
[54] **SYSTEME PERMETTANT D'ACTIVER PLUSIEURS DISPOSITIFS DE DECOMPRESSION**
[72] HAWKINS, MICHAEL, US
[72] CEDERBERG, CHAD, US
[71] HEXAGON TECHNOLOGY AS, NO
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[54] **SYSTEMS AND METHODS FOR PRECISE TIME SYNCHRONIZATION WITH OPTICAL MODULES**
[54] **SYSTEMES ET PROCEDES DE SYNCHRONISATION TEMPORELLE PRECISE AVEC DES MODULES OPTIQUES**
[72] PERRAS, DANIEL CLAUDE, CA
[72] GAREAU, SEBASTIEN, CA
[71] CIENA CORPORATION, US
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[54] **CRISPR EFFECTOR SYSTEM BASED MULTIPLEX DIAGNOSTICS**
[54] **DIAGNOSTIC MULTIPLEX FONDE SUR LES SYSTEMES EFFECTEURS CRISPR**
[72] ZHANG, FENG, US
[72] ZETSCHE, BERND, US
[72] GOOTENBERG, JONATHAN, US
[72] ABUDAYYEH, OMAR, US
[71] THE BROAD INSTITUTE, INC., US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
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[54] **LIGANDS BIVALENTS D'ACIDES NUCLEIQUES ET LEURS UTILISATIONS**
[72] LY, DANITH H., US
[72] THADKE, SHIVAJI A., US
[72] PERERA, J. DINITHI R., US
[71] CARNEGIE MELLON UNIVERSITY, US
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[54] **PROCESS AND INTERMIDIATES FOR THE PREPARATION OF CERTAIN MESOIONIC PESTICIDES**
[54] **PROCEDE ET INTERMEDIAIRES POUR LA PREPARATION DE CERTAINS PESTICIDES MESO-IONIQUES**
[72] DUMAS, DONALD J., US
[72] HONG, JUNBAE, US
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US
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[54] **DIAGNOSTIC INTRAORAL SCANNING AND TRACKING**
[54] **NUMERISATION INTRA-ORALE ET SUIVI AUX FINS DE DIAGNOSTIC**
[72] SABINA, MICHAEL, US
[72] KOPELMAN, AVI, US
[72] KUO, ERIC, US
[72] ELBAZ, GILAD, US
[72] WEISS, ASSAF, US
[72] MALKA, DORON, US
[72] SAPHIER, OFER, US
[72] NIZARD, ELIAHOU, FRANKLIN, US
[72] TISHEL, IDO, US
[72] AYAL, SHAI, US
[72] MOSHE, MAAYAN, US
[71] ALIGN TECHNOLOGY, INC., US
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[54] **DEVICE FOR TREATMENT OF A BODY CANAL AND ADJACENT SURFACES**
[54] **DISPOSITIF DE TRAITEMENT D'UN CANAL CORPOREL ET DE SURFACES ADJACENTES**
[72] MCCLOSKEY, JENNY COLLEEN, AU
[71] MCCLOSKEY, JENNY COLLEEN, AU
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[54] **METHOD FOR PREDICTING A MOTION OF AN OBJECT, METHOD FOR CALIBRATING A MOTION MODEL, METHOD FOR DERIVING A PREDEFINED QUANTITY AND METHOD FOR GENERATING A VIRTUAL REALITY VIEW**
[54] **PROCEDE DE PREDICTION D'UN MOUVEMENT D'UN OBJET, PROCEDE D'ETALONNAGE D'UN MODELE DE MOUVEMENT, PROCEDE DE DEDUCTION D'UNE QUANTITE PREDEFINIE ET PROCEDE DE GENERATION D'UNE VUE DE REALITE VIRTUELLE**
[72] FEIGL, TOBIAS, DE
[72] MUTSCHLER, CHRISTOPHER, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V., DE
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[54] **APPARATUS FOR LOCATING AN AEROSOL GENERATION DEVICE**
[54] **APPAREIL DE LOCALISATION D'UN DISPOSITIF PRODUISANT UN AEROSOL**
[72] ESTRIPEAU, FREDERIC CLAUDE HERVE, FR
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-18
[86] 2018-12-18 (PCT/EP2018/085644)
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[54] **DOWNHOLE WIRE INTEGRITY AND PROPAGATION DELAY DETERMINATION BY SIGNAL REFLECTION**
[54] **DETERMINATION DE RETARD DE PROPAGATION ET D'INTEGRITE DE FIL DE FOND DE TROU PAR REFLEXION DE SIGNAL**
[72] VEHRA, IMRAN SHARIF, US
[72] GOLLA, CHRISTOPHER ALLEN, US
[72] GRIFFING, MATTHEW CHASE, US
[72] KRUGLIAK, ZINOVY B., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **MANAGING CONCRETE MIX DESIGN CATALOGS**
[54] **GESTION DE CATALOGUES DE CONCEPTION DE MELANGE DE BETON**
[72] GOLDSTEIN, GREGORY A., US
[72] TREGGER, NATHAN A., US
[72] ROBERTS, MARK F., US
[72] ROBERTS, LAWRENCE R., US
[71] VERIFI LLC, US
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[54] **DENTAL APPLIANCES HAVING PATIENT SPECIFIC MATERIAL STRESS ARRANGEMENTS AND ASSOCIATED METHOD OF MANUFACTURE**
[54] **APPAREILS DENTAIRES AYANT DES AGENCEMENTS DE CONTRAINTE DE MATERIAU SPECIFIQUES AU PATIENT ET PROCEDE DE FABRICATION ASSOCIE**
[72] MOORE, MARBERT, US
[71] CLEARCORRECT OPERATING, LLC, US
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[25] EN
[54] **ONE-WAY DATA TRANSFER DEVICE WITH ONBOARD SYSTEM DETECTION**
[54] **DISPOSITIF DE TRANSFERT DE DONNEES UNIDIRECTIONNEL AVEC DETECTION DE SYSTEME EMBARQUE**
[72] DUNN, COLIN PATRICK, US
[72] LEE, SANG CHEON, US
[71] FEND INCORPORATED, US
[85] 2020-06-22
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[54] **PRISE DE LIQUIDE FLOTTANTE**
[72] HAIR, ROBERT BRUCE, AU
[71] RBH ENGINEERING PTY LTD, AU
[85] 2020-06-22
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[54] **LEACHING COPPER-CONTAINING ORES**
[54] **LIXIVIATION DE MINERAIS CONTENANT DU CUIVRE**
[72] HACKL, RALPH PETER, AU
[72] BROWN, PAUL LESLIE, AU
[72] KITTELTY, DANIEL ARTHUR, AU
[72] NAJJAR, PAULINE MAREE, AU
[72] ZONNEVELD, ANNA, AU
[72] YOUNG, JASON MAURICE, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
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[30] AU (2018901583) 2018-05-09
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[54] **VIEWER-ADJUSTED STEREOSCOPIC IMAGE DISPLAY**
[54] **DISPOSITIF D'AFFICHAGE D'IMAGE STEREOSCOPIQUE REGLE PAR LE SPECTATEUR**
[72] ROUTHIER, NICHOLAS, CA
[71] INNOVATIONS MINDTRICK INC., CA
[85] 2020-06-22
[86] 2018-08-29 (PCT/CA2018/051039)
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[25] EN
[54] **SYNTHETIC BIOLOGICAL CIRCUITS FOR THE DETECTION OF TARGET ANALYTES USING A GLUCOSE METER IN A CELL-FREE SYSTEM**
[54] **CIRCUITS BIOLOGIQUES SYNTHETIQUES POUR DETECTER DES ANALYTES CIBLES A L'AIDE D'UN GLUCOMETRE DANS UN SYSTEME ACELLULAIRE**
[72] PARDEE, KEITH, CA
[72] AMALFITANO, EVAN, CA
[72] KARLIKOW, MARGOT, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **ENVELOPPE POUR EQUIPEMENT D'INSPECTION DE PIPELINE**
[72] HENTSCHEL, KYLE, CA
[72] PAULSON, PETER O., CA
[71] PURE TECHNOLOGIES LTD., CA
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[54] **CONCRETE SCREEDING MACHINE WITH COLUMN BLOCK CONTROL USING GYROSCOPE SENSOR**
[54] **MACHINE D'APLANISSEMENT DE BETON A COMMANDE DE BLOC DE COLONNE METTANT EN OEUVRE UN CAPTEUR DE GYROSCOPE**
[72] KANGAS, MATTHEW A., US
[71] SOMERO ENTERPRISES, INC., US
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[25] FR
[54] **METHOD FOR CONTROLLING THE SUPPLY OF FUEL TO A COMBUSTION CHAMBER OF A TURBINE ENGINE, FUEL SUPPLY SYSTEM, AND TURBINE ENGINE**
[54] **PROCEDE DE COMMANDE DE L'ALIMENTATION EN CARBURANT D'UNE CHAMBRE DE COMBUSTION D'UNE TURBOMACHINE, SYSTEME D'ALIMENTATION EN CARBURANT ET TURBOMACHINE**
[72] BOUTALEB, MOHAMMED-LAMINE, FR
[72] CHALAUD, SEBASTIEN CHRISTOPHE, FR
[72] LE PACHE, GWENOLE YANN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **OPTIMIZED HOST/VECTOR SYSTEM FOR PRODUCING PROTECTIVE MONO- AND MULTIVALENT SUBUNIT VACCINES ON THE BASIS OF THE YEAST KLUYVEROMYCES LACTIS**
[54] **SYSTEME HOTE/SECTEUR OPTIMISE POUR LA PRODUCTION DE VACCINS PROTECTEURS MONO- ET MULTIVALENTS SOOUN/'I A BASE DE LEVURE KLUYVEROMYCES LACTIS**
[72] HUHRLIMANN, HANS CASPAR, DE
[72] BEHRENS, MARTINA, DE
[72] GEBAUER, MANDY, DE
[72] BREUNIG, KARIN, DE
[72] BEHRENS, SVEN-ERIK, DE
[71] VEROVACCINES GMBH, DE
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[54] **PROCEDES DE CHAUFFAGE DE COMPOSITIONS COMPRENANT DES INCLUSIONS COMESTIBLES**
[72] PREAT, LUDOVIC, BE
[71] PURATOS NV, BE
[85] 2020-04-17
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[25] EN
[54] **PLANAR-DRIVE SYSTEM, STATOR MODULE AND SENSOR MODULE**
[54] **SYSTEME D'ENTRAINEMENT PLANAIRE, MODULE DE STATOR ET MODULE DE CAPTEURS**
[72] BENTFELD, LUKAS, DE
[72] PRUESSMEIER, UWE, DE
[72] BRINKMANN, ROLF, DE
[71] BECKHOFF AUTOMATION GMBH, DE
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[54] **TRANCHE DE RESEAU D'ACCES RADIO**
[72] LAUSTER, REINHARD, AT
[71] DEUTSCHE TELEKOM AG, DE
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[25] EN
[54] **BIOPRINTER FOR FABRICATING 3D CELL CONSTRUCTS**
[54] **BIO-IMPRIMANTE POUR FABRIQUER DES CONSTRUCTIONS DE CELLULES EN TROIS DIMENSIONS**
[72] O'MAHONY, AIDAN PATRICK, AU
[72] RIBEIRO, JULIO CESAR CALDEIRA, AU
[72] MYERS, SAMUEL JAMES, AU
[72] O'MAHONY, KIERAN JOSEPH, IE
[72] VELLA, ANDREW LEON, AU
[72] ALLARD, THEOPHILE, FR
[71] INVENTIA LIFE SCIENCE PTY LTD, AU
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[87] (WO2019/109127)
[30] AU (2017904946) 2017-12-08

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[25] EN
[54] **METHOD AND APPARATUS FOR FISH FARMS**
[54] **PROCEDE ET APPAREIL POUR PISCICULTURES**
[72] BEATTIE, MIKE, CA
[72] GLASSFORD, DAVID, CA
[71] GIS GAS INFUSION SYSTEMS INC., CA
[85] 2020-06-22
[86] 2018-12-21 (PCT/CA2018/051663)
[87] (WO2019/119158)
[30] US (62/608,813) 2017-12-21

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[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 1/40 (2006.01) H01Q 3/04 (2006.01) H01Q 3/08 (2006.01) H01Q 21/28 (2006.01)**
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[54] **INTEGRATED ANTENNA ARRANGEMENT**
[54] **AGENCEMENT D'ANTENNES INTEGREES**
[72] HOGEMAN, EDWIN, NL
[72] W. VAN OOSTERHOUT, WINSTON, NL
[72] MAATMAN, IVO, NL
[72] JONGSMA, WIEGARD, NL
[71] THALES NEDERLAND B.V., NL
[85] 2020-06-22
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[87] (WO2019/121094)
[30] EP (17210545.4) 2017-12-22
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[25] EN
[54] **MASTERBATCH WITH SEMI-CRYSTALLINE POLYOLEFIN CARRIER RESIN**
[54] **MELANGE MAITRE COMPORTANT UNE RESINE DE BASE POLYOLEFINIQUE SEMI-CRISTALLINE**
[72] LI, DACHAO, US
[72] SUN, YABIN, CN
[72] YANG, YONGYONG, CN
[72] PERSON, TIMOTHY J., US
[72] COGEN, JEFFREY M., US
[72] PATEL, RAJEN M., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[87] (WO2019/148406)

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[51] **Int.Cl. G02B 6/36 (2006.01)**
[25] EN
[54] **SEALED CLOSURE WITH FIBER OPTIC ORGANIZER**
[54] **FERMETURE ETANCHE AVEC ORGANISEUR DE FIBRES OPTIQUES**
[72] GEENS, JOHAN, US
[72] COENEGRACHT, PHILIPPE, US
[72] DOULTREMONT, PIETER, US
[72] BRYAN, WILLIAM B., US
[72] CARRICO, WILLIAM ALAN, US
[72] CAMS, EDDY LUC, US
[72] BISHOP, ERIK DAVID, US
[72] MARMON, THOMAS ROSS, US
[72] CLAESSENS, BART MATTIE, US
[72] GARCIA GONZALEZ, ALAN ARMANDO, US
[72] BRYON, ROEL MODEST WILLY, US
[72] ALAERTS, ROGER, US
[72] VAN DE VELDE, CONNY, US
[72] BRANTS, JOS, US
[72] GHAMMAM, EL MOIZ MOHAMMED MICHEL, US
[72] VERSLEEGERS, JOZEF CHRISTIAAN MATHIEU, US
[72] BERVOETS, MARC EUGENE WILLEM, US
[72] ALLEN, BARRY WAYNE, US
[72] AERTS, MAARTEN, US
[71] COMMSCOPE TECHNOLOGIES LLC, US
[85] 2020-06-19
[86] 2019-02-13 (PCT/US2019/017904)
[87] (WO2019/160995)
[30] US (62/630,155) 2018-02-13
[30] US (62/661,574) 2018-04-23
[30] US (62/683,931) 2018-06-12
[30] US (62/698,053) 2018-07-14
[30] US (62/748,039) 2018-10-19
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[51] **Int.Cl. C07F 7/28 (2006.01) C08F 4/659 (2006.01) C08F 10/02 (2006.01) C08F 10/06 (2006.01)**
[25] EN
[54] **METAL COMPLEX COMPRISING AMIDINE AND THIOPHENE FUSED CYCLOPENTADIENYL LIGANDS**
[54] **COMPLEXE METALLIQUE COMPRENANT DES LIGANDS CYCLOPENTADIENYLE FUSIONNES PAR L'AMIDINE ET LE THIOPHENE**
[72] BERTHOUD, ALEXANDRA, BE
[72] VALLA, MAXENCE, BE
[72] GORYUNOV, GEORGY P., RU
[72] SAMSONOV, OLEG V., RU
[72] MLADENTSEV, DMITRY Y., RU
[72] UBORSKY, DMITRY V., RU
[72] VOSKOBOYNIKOV, ALEXANDER Z., RU
[71] ARLANXEO NETHERLANDS B.V., NL
[85] 2020-06-22
[86] 2018-12-13 (PCT/EP2018/084758)
[87] (WO2019/129502)
[30] RU (PCT/RU2017/000969) 2017-12-25

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[51] **Int.Cl. A61B 18/02 (2006.01) A61B 17/00 (2006.01) A61B 18/00 (2006.01)**
[25] FR
[54] **APPLICATION NOZZLE FOR A DEVICE FOR THE DERMO-COSMETIC TREATMENT OF BROWN SPOTS BY MEANS OF CYTO-SELECTIVE CRYOTHERAPY**
[54] **BUSE D'APPLICATION POUR DISPOSITIF DE TRAITEMENT DERMO-COSMETIQUE DES TACHES BRUNES CUTANEES PAR CRYOTHERAPIE CYTO-SELECTIVE**
[72] MARIN, DENIS, FR
[72] ANTON, JEAN-CHRISTOPHE, FR
[71] CRYONOVE PHARMA, FR
[85] 2020-06-22
[86] 2018-12-27 (PCT/EP2018/097051)
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[25] EN
[54] **AIRWAY DILATION DEVICE AND ASSOCIATED METHOD OF DEPLOYMENT & RETRIEVAL**
[54] **DISPOSITIF DE DILATATION DES VOIES AERIENNES ZA.P.03292 [12 DECEMBRE 2018] V3 ET PROCEDE ASSOCIE DE DEPLOIEMENT ET DE RECUPERATION**
[72] PROXENOS,, MATTHEW RYECE, ZA
[72] PARK, KENNETH STUART, ZA
[72] LEHMANN, MARKUS, DE
[72] VIZIRGIANAKIS, GREGORY, ZA
[72] LUBBE, DARLENE ELIZABETH, ZA
[72] LLOYD, DEBBIE LEE, ZA
[71] MINOAN MEDICAL (PTY) LIMITED, ZA
[85] 2020-06-19
[86] 2018-12-12 (PCT/ZA2018/050066)
[87] (WO2019/153020)
[30] ZA (2008/00810) 2018-02-05

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61P 25/00 (2006.01)**
[25] EN
[54] **A CRYSTALLINE FORM OF VALBENAZINE DITOSYLATE, PROCESS FOR PREPARATION THEREOF AND USE THEREOF**
[54] **FORME CRISTALLINE DE DI-P-TOLUENESULFONATE DE VALBENAZINE, PROCEDE DE PREPARATION ASSOCIE ET UTILISATION CORRESPONDANTE**
[72] CHEN, MINHUA, CN
[72] ZHANG, YANFENG, CN
[72] YANG, CHAOHUI, CN
[72] HUANG, CHUNXIANG, CN
[71] CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD., CN
[85] 2020-06-22
[86] 2018-12-26 (PCT/CN2018/124039)
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[51] **Int.Cl. C07K 16/10 (2006.01) C12N 5/0783 (2010.01) A61K 35/17 (2015.01) A61P 31/18 (2006.01) C07K 14/155 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING HIV/AIDS WITH IMMUNOTHERAPY**
[54] **COMPOSITIONS ET METHODES POUR LE TRAITEMENT DU VIH/SIDA PAR IMMUNOTHERAPIE**
[72] ANTHONY-GONDA, KIM, US
[72] SCHNEIDER, DINA, US
[72] ORENTAS, RIMAS, US
[72] DROPULIC, BORO, US
[71] LENTIGEN TECHNOLOGY, INC., US
[85] 2020-06-19
[86] 2018-12-20 (PCT/US2018/066744)
[87] (WO2019/126464)
[30] US (62/608,479) 2017-12-20
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[13] A1
[51] **Int.Cl. H02B 11/24 (2006.01)**
[25] EN
[54] **DRAWER TYPE CIRCUIT BREAKER**
[54] **DISJONCTEUR DE TYPE TIROIR**
[72] LEI, HONGJIAN, CN
[72] QIN, ZHIBIN, CN
[72] GE, JIANGBO, CN
[72] LI, PENGQI, CN
[71] ZHEJIANG CHINT ELECTRICS CO., LTD., CN
[71] SEARI ELECTRIC TECHNOLOGY CO., LTD., CN
[85] 2020-06-22
[86] 2019-01-02 (PCT/CN2019/070014)
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[51] **Int.Cl. H02K 41/03 (2006.01) H02K 11/33 (2016.01)**
[25] EN
[54] **STATOR MODULE**
[54] **MODULE DE STATOR**
[72] PRUESSMEIER, UWE, DE
[72] BRINKMANN, ROLF, DE
[72] BENTFELD, LUKAS, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2020-06-22
[86] 2018-12-18 (PCT/EP2018/085605)
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[25] EN
[54] **TARGETED TRANSCRIPTIONAL REGULATION USING SYNTHETIC TRANSCRIPTION FACTORS**
[54] **REGULATION TRANSCRIPTIONNELLE CIBLEE A L'AIDE DE FACTEURS DE TRANSCRIPTION SYNTHETIQUES**
[72] HUMMEL, AARON, US
[72] LABS, MATHIAS, US
[71] KWS SAAT SE & CO. KGAA, DE
[85] 2020-06-22
[86] 2018-12-21 (PCT/EP2018/086700)
[87] (WO2019/122381)
[30] US (62/609,508) 2017-12-22
[30] US (62/738,568) 2018-09-28

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[51] **Int.Cl. C07D 239/48 (2006.01) A61K 31/505 (2006.01) A61K 31/506 (2006.01) A61P 9/02 (2006.01) A61P 17/00 (2006.01) A61P 35/02 (2006.01) A61P 37/02 (2006.01) C07D 401/12 (2006.01) C07D 487/00 (2006.01)**
[25] EN
[54] **ERBB/BTK INHIBITORS**
[54] **INHIBITEURS DE ERBB/BTK**
[72] LI, ZHENGTAO, CN
[72] ZOU, HAO, CN
[72] ZHU, WEI, CN
[72] SHEN, CHANGMAO, CN
[72] WANG, RUMIN, CN
[72] LIU, WENGENG, CN
[72] CHEN, XIANG, CN
[72] TSUI, HONCHUNG, CN
[72] YANG, ZHENFAN, CN
[72] ZHANG, XIAOLIN, CN
[71] DIZAL (JIANGSU) PHARMACEUTICAL CO., LTD, CN
[85] 2020-06-22
[86] 2019-01-28 (PCT/CN2019/073355)
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[30] CN (PCT/CN2018/074791) 2018-01-31
[30] CN (PCT/CN2018/118569) 2018-11-30

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[51] **Int.Cl. H02K 41/03 (2006.01)**
[25] EN
[54] **STATOR MODULE**
[54] **MODULE DE STATOR**
[72] BENTFELD, LUKAS, DE
[72] BRINKMANN, ROLF, DE
[72] PRUESSMEIER, UWE, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2020-06-22
[86] 2018-12-19 (PCT/EP2018/085780)
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[25] EN
[54] **CODON OPTIMIZED PRECURSOR GENE AND SIGNAL PEPTIDE GENE OF HUMAN INSULIN ANALOGUE**
[54] **GENE PRECURSEUR A CODON OPTIMISE ET GENE DE PEPTIDE SIGNAL DE L'ANALOGUE DE L'INSULINE HUMAINE**
[72] WANG, FEIFEI, CN
[72] CHEN, LEI, CN
[72] WANG, HONGWEI, CN
[71] JIANGSU HENGRUL MEDICINE CO., LTD., CN
[85] 2020-06-22
[86] 2019-02-01 (PCT/CN2019/074384)
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[51] **Int.Cl. C12N 15/82 (2006.01) A01H 1/08 (2006.01) A01H 4/00 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **CPF1 BASED TRANSCRIPTION REGULATION SYSTEMS IN PLANTS**
[54] **SYSTEMES DE REGULATION DE LA TRANSCRIPTION BASES SUR CPF1 DANS DES PLANTES**
[72] LABS, MATHIAS, US
[72] HUMMEL, AARON, US
[72] MEI, YU, US
[71] KWS SAAT SE & CO. KGAA, DE
[85] 2020-06-22
[86] 2018-12-21 (PCT/EP2018/086725)
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[30] US (62/609,508) 2017-12-22
[30] US (62/758,068) 2018-11-09

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[51] **Int.Cl. C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **GENE UNDERLYING THE NUMBER OF SPIKELETS PER SPIKE QTL IN WHEAT ON CHROMOSOME 7A**
[54] **GENE SOUS-JACENT AU NOMBRE DE QTL D'EPILLETS PAR EPI DE BLE SUR LE CHROMOSOME 7A**
[72] DAVEY, MARK, BE
[72] CAVANAGH, COLIN ROBERT, AU
[72] ARIYADASA, RUVINI, BE
[72] BOVILL, WILLIAM, AU
[72] BARRERO SANCHEZ, JOSE, AU
[72] VERBYLA, KLARA, AU
[72] SPRIGGS, ANDREW, AU
[72] HANNAH, MATTHEW, BE
[72] WANG, XI, BE
[72] WITTERN, LUKAS, GB
[72] GARDNER, KEITH, GB
[72] WEBB ARUNDELL, ALEX, GB
[71] BASF SE, DE
[71] COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION, AU
[85] 2020-06-22
[86] 2019-01-11 (PCT/EP2019/050711)
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[30] EP (18151432.4) 2018-01-12
[30] EP (18151436.5) 2018-01-12

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[51] **Int.Cl. H02K 41/03 (2006.01) H02K 11/33 (2016.01)**
[25] EN
[54] **STATOR UNIT AND STATOR MODULE**
[54] **UNITE DE STATOR ET MODULE DE STATOR**
[72] BRINKMANN, ROLF, DE
[72] BENTFELD, LUKAS, DE
[72] PRUESSMEIER, UWE, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2020-06-22
[86] 2018-12-19 (PCT/EP2018/085783)
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[51] **Int.Cl. A63H 27/08 (2020.01) B64C 31/06 (2020.01) G09F 21/06 (2006.01)**
[25] EN
[54] **FLYING ARTEFACT AND ITS DEVICE FOR AERIAL ADVERTISING**
[54] **ENGIN VOLANT ET DISPOSITIF POUR FAIRE DE LA PUBLICITE AERIENNE**
[72] PANAINTE, PETRICA, ES
[71] PANAINTE, PETRICA, ES
[85] 2020-07-07
[86] 2018-04-18 (PCT/ES2018/070312)
[87] (WO2018/193143)
[30] ES (U 201730466) 2017-04-20

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[51] **Int.Cl. H02K 41/03 (2006.01) H02K 11/215 (2016.01) H02K 11/33 (2016.01)**
[25] EN
[54] **STATOR MODULE**
[54] **MODULE DE STATOR**
[72] PRUESSMEIER, UWE, DE
[72] BENTFELD, LUKAS, DE
[72] BRINKMANN, ROLF, DE
[72] NEUFELD, JOERG, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2020-06-22
[86] 2018-12-19 (PCT/EP2018/085787)
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[30] DE (10 2017 131 314.1) 2017-12-27

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[51] **Int.Cl. C08G 18/48 (2006.01) C08G 18/30 (2006.01) C08G 18/32 (2006.01) C08G 18/66 (2006.01) C08G 18/76 (2006.01) C09D 175/08 (2006.01)**
[25] EN
[54] **TWO-COMPONENT COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENT A DEUX CONSTITUANTS**
[72] WALTHER, BURKHARD, DE
[72] WOELFLE, HEIMO, DE
[72] CHEN, LI YI, CN
[72] BUBEL, THIERRY, DE
[71] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[85] 2020-06-22
[86] 2019-01-07 (PCT/EP2019/050192)
[87] (WO2019/137859)
[30] EP (18151167.6) 2018-01-11

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[51] **Int.Cl. H02K 9/19 (2006.01) H02K 9/10 (2006.01) H02K 41/03 (2006.01)**
[25] EN
[54] **STATOR MODULE AND PLANAR DRIVE SYSTEM**
[54] **MODULE DE STATOR ET SYSTEME D'ENTRAINEMENT PLANAIRE**
[72] NEUFELD, JOERG, DE
[72] BENTFELD, LUKAS, DE
[72] BRINKMANN, ROLF, DE
[71] BECKHOFF AUTOMATION GMBH, DE
[85] 2020-06-22
[86] 2018-12-19 (PCT/EP2018/085861)
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[51] **Int.Cl. C22B 23/00 (2006.01) C22B 3/06 (2006.01) C22B 3/08 (2006.01) C22B 3/10 (2006.01) C22B 3/44 (2006.01) C22B 7/00 (2006.01) C22B 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR SEPARATING COPPER, AND NICKEL AND COBALT**
[54] **PROCEDE DE SEPARATION DE CUIVRE, DE NICKEL ET DE COLBALT**
[72] TAKENOUCHI, HIROSHI, JP
[72] KOBAYASHI, HIROSHI, JP
[72] SHOJI, HIROFUMI, JP
[72] HIGAKI, TATSUYA, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2020-06-15
[86] 2018-11-28 (PCT/JP2018/043846)
[87] (WO2019/124015)
[30] JP (2017-242225) 2017-12-18

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[51] **Int.Cl. A61K 38/03 (2006.01) A61K 35/744 (2015.01) A61K 38/04 (2006.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **IMMUNOGENIC SEQUENCES FROM A PHAGE TAIL LENGTH TAPE MEASURE PROTEIN, BACTERIA EXPRESSING THE SAME AND THEIR USE IN TREATING A CANCER**
[54] **SEQUENCES IMMUNOGENES ISSUES DE LA PROTEINE TMP ASSOCIEE A LA LONGUEUR DE LA QUEUE DE PHAGE, BACTERIES LES EXPRIMANT ET LEUR UTILISATION DANS LE TRAITEMENT D'UN CANCER**
[72] ZITVOGEL, LAURENCE, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[85] 2020-06-22
[86] 2018-12-21 (PCT/EP2018/086812)
[87] (WO2019/129753)
[30] EP (17306980.8) 2017-12-29

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[13] A1
[51] **Int.Cl. H04L 9/32 (2006.01) H04L 12/931 (2013.01) H04L 9/08 (2006.01) H04L 29/06 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR CRYPTOGRAPHIC IDENTITY BASED NETWORK MICROSEGMENTATION**
[54] **PROCEDES ET SYSTEMES DE MICROSEGMENTATION DE RESEAU BASEE SUR L'IDENTITE CRYPTOGRAPHIQUE**
[72] JAIN, VIPIN, US
[72] GADDE, RAVI KUMAR, US
[72] SCHIATTARELLA, ENRICO, US
[72] HALEMANE, SUKHESH, US
[71] PENSANDO SYSTEMS INC., US
[85] 2020-06-22
[86] 2018-12-20 (PCT/US2018/066801)
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[30] US (62/612,093) 2017-12-29

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[51] **Int.Cl. B22D 11/00 (2006.01) B22D 11/049 (2006.01) B22D 11/16 (2006.01)**
[25] EN
[54] **METHOD FOR CASTING**
[54] **PROCEDE DE COULEE**
[72] HAKONSEN, ARILD, NO
[72] LEDAL, RUNE, NO
[72] GIHLEENGEN, BRITT ELIN, NO
[72] TVEITO, KNUT OMDAL, NO
[72] HAFSAS, JOHN ERIK, NO
[72] ELLINGSEN, KJERSTIN, NO
[72] DU, QIANG, NO
[72] M'HAMDI, MOHAMMED, NO
[71] NORSK HYDRO ASA, NO
[85] 2020-06-22
[86] 2019-01-21 (PCT/EP2019/051364)
[87] (WO2019/166156)
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[13] A1
[51] **Int.Cl. A62B 1/20 (2006.01) A63B 29/02 (2006.01) F16G 11/10 (2006.01)**
[25] EN
[54] **A LINE ASCENDER**
[54] **POIGNEE D'ASCENSION DE CORDE**
[72] ANDERSON, CHRIS, AU
[71] ANDERSON, CHRIS, AU
[85] 2020-06-18
[86] 2017-12-19 (PCT/AU2017/051411)
[87] (WO2018/112518)
[30] AU (2016905373) 2016-12-23

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[25] EN
[54] **CLOZAPINE FOR THE TREATMENT OF A IMMUNOGLOBULIN DRIVEN B CELL DISEASE**
[54] **CLOZAPINE POUR LE TRAITEMENT D'UNE MALADIE DES LYMPHOCYTES B ENTRAINEE PAR L'IMMUNOGLOBULINE**
[72] JOLLES, STEPHEN, GB
[72] ASHRAFIAN, HOUMAN, GB
[72] MCHALE, DUNCAN, GB
[71] ZARODEX THERAPEUTICS LIMITED, GB
[85] 2020-06-22
[86] 2019-01-31 (PCT/EP2019/052450)
[87] (WO2019/149862)
[30] EP (18154552.6) 2018-01-31

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[13] A1
[51] **Int.Cl. F03B 17/06 (2006.01) F03D 3/00 (2006.01) F03D 3/06 (2006.01)**
[25] EN
[54] **TURBINE**
[54] **TURBINE**
[72] ISIK, HASAN HUSEYIN, CH
[71] ISIK, HASAN HUSEYIN, CH
[85] 2020-06-18
[86] 2018-12-19 (PCT/CH2018/000053)
[87] (WO2019/119163)
[30] CH (1554/17) 2017-12-19

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[13] A1
[51] **Int.Cl. G09B 9/00 (2006.01) G09B 9/12 (2006.01)**
[25] EN
[54] **METHOD, SYSTEM AND COMPUTER PROGRAM PRODUCT FOR COMPENSATION OF SIMULATOR CONTROL LOADING MECHANICAL EFFECTS**
[54] **PROCEDE, SYSTEME ET PRODUIT-PROGRAMME D'ORDINATEUR POUR UNE COMPENSATION D'EFFETS MECANIQUES DE CHARGE DE COMMANDE DE SIMULATEUR**
[72] DISPAGNE, REMY, FR
[72] LE GUILLOU, RENE, FR
[71] THALES, FR
[85] 2020-06-22
[86] 2018-12-20 (PCT/EP2018/086230)
[87] (WO2019/122148)
[30] EP (17306906.3) 2017-12-22

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[13] A1
[51] **Int.Cl. G06F 16/958 (2019.01)**
[25] EN
[54] **SYSTEM FOR FAST AND SECURE CONTENT PROVISION**
[54] **SYSTEME DE FOURNITURE DE CONTENU RAPIDE ET SECURISE**
[72] SPRATT, TIM, GB
[72] ROOT, JOE, GB
[71] PERMUTIVE LIMITED, GB
[85] 2020-06-22
[86] 2018-12-21 (PCT/GB2018/053740)
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[54] **WATER BALANCE IN A CHLORIDE HEAP LEACH**
[54] **BILAN HYDRIQUE D'UNE LIXIVIATION EN TAS DE CHLORURE**
[72] BARIOS ORMENO, DAMASO, CL
[72] CHIBWANA, CLEMENT CHILOWA, CL
[72] STRAUSS, JOHANNES MATTHEUS, CL
[71] BHP CHILE INC., CL
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[54] **MODULAR RAILCAR UNDERFRAME AND TOP CONTAINER**
[54] **CHASSIS DE WAGON MODULAIRE ET CONTENEUR SUPERIEUR**
[72] GUPTA, RAJESH K., US
[72] KHENOKH, KONSTANTIN I., US
[72] GACHHADAR, SUMAN, US
[72] ELAVIA, PERCY HOSHANG, US
[72] WESTLAKE, MATTHEW GABRIEL, US
[71] TRINITY RAIL GROUP, LLC, US
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[54] **CATALYST AND PREPARATION THEREOF**
[54] **CATALYSEUR ET PREPARATION ASSOCIEE**
[72] REZNICHENKO, ALEXANDER, FI
[72] RUSKEENIEMI, JARI-JUSSI, FI
[72] THORMAN, JOSEPH, US
[72] CHEN, XIAO DONG, CN
[72] SUMERIN, VICTOR, FI
[71] BOREALIS AG, AT
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[54] **BONE IMPLANT**
[54] **IMPLANT OSSEUX**
[72] PUGACH, ANDREY, RU
[71] PUGACH, ANDREY, RU
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[54] **COMPOSITIONS AND METHODS OF TREATMENT OF EHLERS-DANLOS SYNDROMES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DES SYNDROMES D'EHLERS-DANLOS**
[72] MCMICHAEL, JOHN, US
[71] RESOLYS BIO, INC., US
[85] 2020-06-22
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[54] **ELIMINATION OF SO2 AND CO2 FROM A GAS**
[54] **ELIMINATION DE SO2 ET DE CO2 D'UN GAZ**
[72] STRICKROTH, ALAIN, LU
[71] CPPE CARBON PROCESS & PLANT ENGINEERING S.A., LU
[85] 2020-06-23
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[54] **COGENERATION SYSTEM FOR A BOILER**
[54] **SYSTEME DE COGENERATION POUR UNE CHAUDIERE**
[72] D'ARIENZO, GIOVANNI, IT
[71] D'ARIENZO, GIOVANNI, IT
[85] 2020-06-22
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[25] EN
[54] **METHODS OF TREATING METABOLIC DISORDERS WITH FGF21 VARIANTS**
[54] **PROCEDES DE TRAITEMENT DE TROUBLES METABOLIQUES AVEC DES VARIANTS DE FGF21**
[72] GOLDFINE, ALLISON, US
[72] YI, BYUNGDOO ALEXANDER, US
[71] NOVARTIS AG, CH
[85] 2020-06-22
[86] 2018-12-21 (PCT/IB2018/060538)
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[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR THE TREATMENT OF POSTOPERATIVE PAIN**
[54] **COMPOSITIONS PHARMACEUTIQUES POUR LE TRAITEMENT DE LA DOULEUR POSTOPERATOIRE**
[72] PASTORELLO, ANDREA, IT
[72] BETTELLA, FABIO, IT
[72] GALESSO, DEVIS, IT
[71] FIDIA FARMACEUTICI S.P.A., IT
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[54] **RELEASABLE ANTIBODY CONJUGATES**
[54] **CONJUGUES D'ANTICORPS LIBERABLES**
[72] KWIATKOWSKI, MAREK, SE
[72] SUND, CHRISTIAN, SE
[71] QUIAPEG PHARMACEUTICALS AB, SE
[85] 2020-06-22
[86] 2019-03-11 (PCT/IB2019/051956)
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[54] **SYSTEMS AND METHODS FOR PROVIDING A STORYLINE SELECTION INTERFACE**
[54] **SYSTEMES ET PROCEDES DE FOURNITURE D'INTERFACE DE SELECTION DE SCENARIO**
[72] YOUNG, ROWENA, US
[72] KIM, SANG MO, US
[72] LIN, EDISON, US
[72] PATEL, MILAN, US
[71] ROVI GUIDES, INC., US
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[54] **TUMOR NECROSIS FACTOR (TNF) RECEPTOR SUPERFAMILY (TNFRSF) RECEPTOR-ACTIVATING ANTIBODY FUSION PROTEINS WITH FCYR-INDEPENDENT AGONISTIC ACTIVITY (TNFRSF RECEPTOR-ACTIVATING ANTIBODY FUSION PROTEINS WITH FCYR-INDEPEND ENT AGONISTIC ACTIVITY; TRAAFFIAA)**
[54] **PROTEINES DE FUSION D'ANTICORPS ACTIVANT LE RECEPTEUR DE LA SUPERFAMILLE (TNFRSF) DES RECEPTEURS DU FACTEUR DE NECROSE TUMORALE (TNF), AYANT UNE ACTIVITE AGONISTE INDEPENDANTE DE FCYR (PROTEINES DE FUSION D'ANTICORPS ACTIVANT LE RECEPTEUR TNFRSF AYANT UNE ACTIVITE AGONISTE INDEPENDANTE DE FCYR ; TRAAFFIAA)**
[72] BEILHACK, ANDREAS, DE
[72] KUMS, JULIANE, DE
[72] NELKE, JOHANNES, DE
[72] WAJANT, HARALD, DE
[71] JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG, DE
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[54] **PHYTOSTEROL COMPOSITIONS IN FOOD PRODUCTS**
[54] **COMPOSITIONS A BASE DE PHYTOSTEROL DANS DES PRODUITS ALIMENTAIRES**
[72] DAELS, EVA, BE
[72] FOUBERT, IMOGEN, BE
[71] KATHOLIEKE UNIVERSITEIT LEUVEN, BE
[85] 2020-06-22
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[54] **INTRADUCTAL METHODS OF TREATMENT OF BREAST DISORDERS**
[54] **METHODES INTRACANALAIRES DE TRAITEMENT DE TROUBLES DU SEIN**
[72] QUAY, STEVEN C., US
[71] ATOSSA GENETICS, INC., US
[71] ATOSSA THERAPEUTICS INC., US
[85] 2020-06-22
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[54] **MILD SURFACTANT PREPARATION AND METHOD THEREFOR**
[54] **PREPARATION D'AGENT DE SURFACE DOUX ET PROCEDE ASSOCIE**
[72] BENSACI, JALIL, FR
[72] ODDOS, THIERRY, FR
[72] STAMATAS, GEORGIOS N., FR
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2020-06-22
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[54] **ELECTRICAL PRESS-IN CONTACT PIN**
[54] **BROCHE DE CONTACT ELECTRIQUE A INSERER**
[72] SADEGHI, AMIR, DE
[72] DREISSIGACKER, UWE, DE
[71] DODUCO SOLUTIONS GMBH, DE
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[54] **IMMUNOCOMPETENT CELL THAT EXPRESSES A CELL SURFACE MOLECULE SPECIFICALLY RECOGNIZING HUMAN MESOTHELIN, IL-7 AND CCL19**
[54] **CELLULE IMMUNOCOMPETENTE EXPRIMANT UNE MOLECULE DE SURFACE CELLULAIRE RECONNAISSANT SPECIFIQUEMENT LA MESOTHELINE HUMAINE, IL-7 ET CCL19**
[72] TAMADA, KOJI, JP
[72] SAKODA, YUKIMI, JP
[72] ADACHI, KEISHI, JP
[71] NOILE-IMMUNE BIOTECH, INC., JP
[85] 2020-06-22
[86] 2018-12-19 (PCT/JP2018/046888)
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[25] EN
[54] **METHODS OF TREATING AN AUTOIMMUNE DISEASE**
[54] **METHODES DE TRAITEMENT D'UNE MALADIE AUTO-IMMUNE**
[72] GOMMERMAN, JENNIFER, CA
[72] ROJAS, OLGA, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **NITROGEN-CONTAINING 6-MEMBERED CYCLIC COMPOUND**
[54] **COMPOSE CYCLIQUE A SIX CHAINONS CONTENANT DE L'AZOTE**
[72] SHIKANAI, DAISUKE, JP
[72] ISHIGURO, NORIKO, JP
[72] OMORI, OSAMU, JP
[71] ASAHI KASEI PHARMA CORPORATION, JP
[85] 2020-06-22
[86] 2018-12-25 (PCT/JP2018/047450)
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[25] FR
[54] **IMMERSED DEVICE FOR SWIMMING POOL FILTRATION**
[54] **DISPOSITIF IMMERGE DE FILTRATION POUR PISCINE**
[72] DESJOYAUX, JEAN-LOUIS, FR
[72] DEJEY, MARC, FR
[72] BONNEFOY, SERGE, FR
[71] PISCINES DESJOYAUX SA, FR
[85] 2020-06-23
[86] 2018-11-29 (PCT/FR2018/053046)
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[30] FR (17/61434) 2017-11-30

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[54] **SYNCHRONIZED DISPLAY OF SCREEN CONTENT ON NETWORKED DEVICES**
[54] **AFFICHAGE SYNCHRONISE DE CONTENU D'ECRAN SUR DES DISPOSITIFS EN RESEAU**
[72] FRYMAN, MARSHALL, US
[71] ICU MEDICAL, INC., US
[85] 2020-06-22
[86] 2018-12-20 (PCT/US2018/066913)
[87] (WO2019/133446)
[30] US (62/610,742) 2017-12-27
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[54] **HEAVY CHAIN ANTIBODIES BINDING TO CD22**
[54] **ANTICORPS A CHAINE LOURDE SE LIANT A CD22**
[72] ALDRED, SHELLEY FORCE, US
[72] VAN SCHOOTEN, WIM, US
[72] OGANA, HEATHER ANNE N., US
[72] DAVISON, LAURA MARIE, US
[72] HARRIS, KATHERINE, US
[72] RANGASWAMY, UDAYA, US
[72] TRINKLEIN, NATHAN D., US
[71] TENEOBIO, INC., US
[85] 2020-06-19
[86] 2018-12-21 (PCT/US2018/067299)
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[54] **INFUSION SET FOR MEASURING VITAL SIGNALS OF A PATIENT COMPRISING A COMPLIANCE ELEMENT AND A REFLECTIVE ELEMENT**
[54] **ENSEMBLE DE PERFUSION POUR LA MESURE DE SIGNAUX VITAUX D'UN PATIENT COMPRENANT UN ELEMENT DE CONFORMITE ET UN ELEMENT REFLECHISSANT**
[72] ROVATTI, PAOLO, IT
[72] RUFFO, MARIANO, IT
[72] STEFANI, DAVID, IT
[72] GRANDI, ELENA, IT
[71] BAXTER INTERNATIONAL INC., US
[71] BAXTER HEALTHCARE SA, CH
[85] 2020-06-22
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[54] **PHARMACEUTICAL COMPOSITION CONTAINING CROSSLINKED ION EXCHANGE RESIN**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UNE RESINE ECHANGEUSE D'IONS RETICULEE**
[72] TOCCE, ELIZABETH, US
[72] GEHRIS, AMIE, US
[72] SZEP, SILVIA, US
[71] DDP SPECIALTY ELECTRONIC MATERIALS US, INC., US
[71] DDP SPECIALTY ELECTRONIC MATERIALS US 8, LLC, US
[85] 2020-06-22
[86] 2018-12-19 (PCT/US2018/066506)
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[30] US (62/609,696) 2017-12-22
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[25] EN
[54] **COMPOUNDS AND COMPOSITIONS FOR THE TREATMENT OF PAIN**
[54] **COMPOSES ET COMPOSITIONS POUR LE TRAITEMENT DE LA DOULEUR**
[72] SCHMITT, MARTINE, FR
[72] BRICARD, JACQUES, FR
[72] SIMONIN, FREDERIC, FR
[72] BOURGUIGNON, JEAN-JACQUES, FR
[72] BIHEL, FREDERIC, FR
[72] ELHABAZI, KHADIJA, FR
[71] UNIVERSITE DE STRASBOURG, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[86] 2019-02-05 (PCT/EP2019/052810)
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[25] EN
[54] **COMPOSITIONS AND FORMULATIONS FOR TREATMENT OF MALIGNANCIES**
[54] **COMPOSITIONS ET FORMULATIONS POUR LE TRAITEMENT DE TUMEURS MALIGNES**
[72] KEW, YVONNE, US
[71] NEUGATE PHARMA, LLC AKA NEUGATE THERANOSTICS, US
[85] 2020-06-22
[86] 2018-12-27 (PCT/US2018/067754)
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[30] US (62/611,139) 2017-12-28

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[51] **Int.Cl. E04B 5/02 (2006.01) E04B 9/00 (2006.01) E04C 2/08 (2006.01) F16B 2/04 (2006.01)**
[25] EN
[54] **DECKING HANGER SYSTEM AND DECKING HANGER**
[54] **SYSTEME DE SUSPENSION DE PLANCHER ET DISPOSITIF DE SUSPENSION DE PLANCHER**
[72] BODWELL, PATRICK ALLEN, US
[72] MARTIN, JEFFREY REINO, US
[71] VERCO DECKING, INC., US
[85] 2020-06-22
[86] 2018-12-20 (PCT/US2018/066845)
[87] (WO2019/126529)
[30] US (62/609,983) 2017-12-22
[30] US (16/228,001) 2018-12-20

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[51] **Int.Cl. A61K 31/501 (2006.01) A61P 25/28 (2006.01) C07D 237/24 (2006.01)**
[25] EN
[54] **SMALL MOLECULE MODULATORS OF PANTOTHENATE KINASES**
[54] **MODULATEURS A PETITES MOLECULES DE PANTOTHENATE KINASES**
[72] LEE, RICHARD E., US
[72] TANGALLAPALLY, RAJENDRA P., US
[72] ROCK, CHARLES O., US
[72] JACKOWSKI, SUZANNE, US
[72] EDWARDS, ANNE V., US
[72] YUN, MI, KYUNG, US
[72] SUBRAMANIAN, CHITRA, US
[72] ZAMBONI, ROBERT, CA
[72] REDDY, T. JAGADEESWAR, CA
[71] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC., US
[71] COA THERAPEUTICS, INC., US
[85] 2020-06-22
[86] 2018-12-26 (PCT/US2018/067539)
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[54] **PIPE INSULATION AND METHOD OF AND SYSTEM FOR MAKING SAME**
[54] **ISOLATION DE TUYAU ET PROCEDE ET SYSTEME DE FABRICATION CORRESPONDANTS**
[72] GAWRYLA, MATTHEW D., US
[72] CLEMENTS, CHRISTOPHER J., US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
[85] 2020-06-22
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[51] **Int.Cl. A01H 4/00 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **REGENERATION OF PLANTS IN THE PRESENCE OF HISTONE DEACETYLASE INHIBITORS**
[54] **REGENERATION DE PLANTES EN PRESENCE D'INHIBITEURS D'HISTONE DESACETYLASE**
[72] PACHECO VILLALOBOS, DAVID, DE
[71] KWS SAAT SE & CO. KGAA, DE
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[54] **METHODS OF QUANTIFYING CFTR PROTEIN EXPRESSION**
[54] **PROCEDES DE QUANTIFICATION DE L'EXPRESSION DE LA PROTEINE CFTR**
[72] KANMERT, DANIEL, US
[72] VILLELLA, ADRIANA, US
[71] PROTEOSTASIS THERAPEUTICS, INC., US
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[25] EN
[54] **ASSEMBLY FOR MOVING EXCAVATION OR DRILLING EQUIPMENT AND ACTUATING METHOD THEREFOR**
[54] **ENSEMBLE POUR DEPLACER UN EQUIPEMENT D'EXCAVATION OU DE FORAGE ET SON PROCEDE D'ACTIONNEMENT**
[72] MACORI, FABRIZIO, IT
[72] AMADORI, MATTEO, IT
[72] DITILLO, ALESSANDRO, IT
[71] SOILMEC S.P.A, IT
[85] 2020-06-23
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[25] EN
[54] **GOLF BALL TRACKING SYSTEM**
[54] **SYSTEME DE SUIVI DE BALLE DE GOLF**
[72] KIRALY, CHRIS, US
[72] MERLOTI, PAULO, US
[71] WAWGD, INC., US
[85] 2020-06-22
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[54] **SYSTEMS AND METHODS FOR FREQUENCY HOPPING WAVEFORMS**
[54] **SYSTEMES ET PROCEDES POUR FORMES D'ONDE DE SAUTS DE FREQUENCE**
[72] DIGREGORY, AUGUST A., JR., US
[71] RAYTHEON COMPANY, US
[85] 2020-06-22
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[54] **NATIVE VALVE REPAIR DEVICES AND PROCEDURES**
[54] **DISPOSITIFS ET PROCEDURES DE REPARATION DE VALVULE NATURELLE**
[72] METCHIK, ASHER L., US
[72] TYLER, GREGORY SCOTT, II, US
[72] WINSTON, MATTHEW T., US
[72] DELGADO, SERGIO, US
[72] FRESCHAUF, LAUREN R., US
[72] DIXON, ERIC R., US
[72] SIEGEL, ALEXANDER J., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
[85] 2020-06-22
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[54] **SINGLE OPTIC FOR LOW LIGHT AND HIGH LIGHT LEVEL IMAGING**
[54] **OPTIQUE UNIQUE POUR IMAGERIE DE BAS NIVEAU DE LUMIERE ET DE HAUT NIVEAU DE LUMIERE**
[72] HERMALYN, BRENDAN, US
[71] WAYMO LLC, US
[85] 2020-06-23
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[25] EN
[54] **ANAPLEROTIC OIL PRODUCTION IN MICROBIALS**
[54] **PRODUCTION D'HUILE ANAPLEROTIQUE DANS DES MICROBES**
[72] TABERNA, ENEKO GANUZA, US
[72] ERNULT, MAGDALENA AMEZQUITA, US
[72] SELLERS, CHARLES, US
[71] HELIAE DEVELOPMENT, LLC, US
[85] 2020-06-22
[86] 2018-12-21 (PCT/US2018/067104)
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[54] **DROPLET INTERFACES IN ELECTRO-WETTING DEVICES**
[54] **INTERFACES DE GOUTTELETTES DANS DES DISPOSITIFS ELECTRO-MOUILLANTS**
[72] HOLDEN, MATTHEW, US
[72] WHITE, JAMES, GB
[72] HERON, ANDREW JOHN, GB
[72] CLARKE, JAMES ANTHONY, GB
[72] HYDE, JASON ROBERT, GB
[72] HADWEN, BENJAMIN JAMES, GB
[72] ANDERSON, SALLY, GB
[71] OXFORD NANOPORE TECHNOLOGIES LTD., GB
[71] SHARP LIFE SCIENCE (EU) LTD, GB
[85] 2020-06-22
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[25] EN
[54] **SKIN BARRIER PREPARATION AND METHOD THEREFOR**
[54] **PREPARATION DE BARRIERE CUTANEE ET PROCEDE ASSOCIE**
[72] BENSACI, JALIL, FR
[72] ODDOS, THIERRY, FR
[72] STAMATAS, GEORGIOS N., FR
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[86] 2018-12-14 (PCT/IB2018/060130)
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[25] EN
[54] **WATER-SOLUBLE ARTICLES AND RELATED PROCESSES**
[54] **ARTICLES SOLUBLES DANS L'EAU ET PROCEDES CONNEXES**
[72] HUANG, SUN-JAN ALAN, US
[72] SIVIK, MARK ROBERT, US
[72] DENOME, FRANK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-06-22
[86] 2019-01-22 (PCT/US2019/014443)
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[25] EN
[54] **D-GLYCERO-B-D-HEPTOSE 1-PHOSPHATE (HMP) CONJUGATES AND USE FOR TARGETED IMMUNE MODULATION**
[54] **CONJUGUES DE D-GLYCERO-B-D-HEPTOSE 1-PHOSPHATE (HMP) ET UTILISATION DANS UNE MODULATION IMMUNITAIRE CIBLEE**
[72] SAUVAGEAU, JANELLE, CA
[72] COX, ANDREW, CA
[72] GUO, XINYI, CA
[72] GRAY-OWEN, SCOTT, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[25] EN
[54] **ROBOTIC SURGICAL TOOL**
[54] **INSTRUMENT CHIRURGICAL ROBOTISE**
[72] DEKEL, DORON, CA
[72] MITULESCU, RAZVAN, CA
[71] CLARONAV INC., CA
[85] 2020-06-23
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[51] **Int.Cl. A24F 47/00 (2020.01) A24F 1/26 (2006.01)**
[25] EN
[54] **A SMOKING DEVICE**
[54] **DISPOSITIF A FUMER**
[72] GARCIA GARCIA, EDUARDO JOSE, CH
[71] JT INTERNATIONAL SA, CH
[85] 2020-06-23
[86] 2018-12-28 (PCT/EP2018/097081)
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[25] EN
[54] **COST-EFFECTIVE GAS PURIFICATION METHODS AND SYSTEMS BY MEANS OF EJECTORS**
[54] **PROCEDES ET SYSTEMES RENTABLES DE PURIFICATION DE GAZ PAR DES EJECTEURS**
[72] BENALI, MARZOUK, CA
[72] BASHIRI, HAMED, CA
[72] AIDOUN, ZINE, CA
[72] AMEUR, KHALED, CA
[72] SAPOUNDJIEV, HRISTO, CA
[71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
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[51] **Int.Cl. H04W 8/02 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION METHOD AND DEVICE, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES, ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] LIU, JIANHUA, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-06-23
[86] 2017-12-26 (PCT/CN2017/118576)
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[25] EN
[54] **COMPOSITIONS INCLUDING KETO-ESTER COMPOUNDS AND METHODS OF USING THE SAME**
[54] **COMPOSITIONS COMPRENANT DES COMPOSES CETO-ESTERS ET PROCEDES D'UTILISATION DE CELLES-CI**
[72] ENGENDAHL, BART, US
[72] FENNELLY, TESS, US
[71] FOURTH PRINCIPLE, LLC, US
[85] 2020-06-22
[86] 2018-12-22 (PCT/US2018/067416)
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[30] US (62/609,995) 2017-12-22

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[25] EN
[54] **METAGENOMICS FOR MICROBIOMES**
[54] **METAGENOMIQUE DESTINEE A DES MICROBIOMES**
[72] WU, DIANE, US
[72] KONOV, PAVEL MARTINOV, US
[72] STONE, DAVID CURTIS, US
[71] TRACE GENOMICS, INC., US
[85] 2020-06-22
[86] 2018-12-24 (PCT/US2018/067445)
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[30] US (62/610,131) 2017-12-22

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[51] **Int.Cl. H04W 4/02 (2018.01)**
[25] EN
[54] **LOCATING METHOD IN MULTI-CONNECTIVITY NETWORK, TERMINAL DEVICE AND LOCATION MANAGEMENT FUNCTION ENTITY**
[54] **PROCEDE DE POSITIONNEMENT DANS UN RESEAU A CONNEXIONS MULTIPLES, DISPOSITIF TERMINAL, ET ENTITE FONCTIONNELLE DE GESTION DE POSITIONNEMENT**
[72] YANG, NING, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-06-23
[86] 2018-01-11 (PCT/CN2018/072234)
[87] (WO2019/136663)

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[54] **COMPOSITION, SYSTEM AND METHOD FOR PELLET OR FLAKE PRODUCTION**
[54] **COMPOSITION, SYSTEME ET PROCEDE DE PRODUCTION DE PASTILLES OU DE FLOCONS**
[72] BARBER, GUYON, US
[72] COATES, JERRY, US
[71] GLOBAL EARTH SOLUTIONS, LLC, US
[85] 2020-06-22
[86] 2018-12-26 (PCT/US2018/067502)
[87] (WO2019/133607)
[30] US (62/611,266) 2017-12-28
[30] US (15/934,950) 2018-03-24

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[51] **Int.Cl. A61K 45/06 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATING NEOPLASIA**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DE LA NEOPLASIE**
[72] LI, VINCENT W., US
[72] LI, WILLIAM W., US
[71] THE ANGIOGENESIS FOUNDATION, US
[85] 2020-06-19
[86] 2018-12-21 (PCT/US2018/067283)
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[30] US (62/609,109) 2017-12-21

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[51] **Int.Cl. A61K 38/43 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING DISORDERS ASSOCIATED WITH CASTOR**
[54] **METHODES DE TRAITEMENT DE TROUBLES ASSOCIES A CASTOR**
[72] JACKOWSKI, SUZANNE, US
[72] ROCK, CHARLES O., US
[72] LEE, RICHARD E., US
[72] SHARMA, LALIT KUMAR, US
[72] YUN, MI KYUNG, US
[72] SUBRAMANIAN, CHITRA, US
[72] TANGALLAPALLY, RAJENDRA P., US
[72] EDWARDS, ANNE V., US
[72] ZAMBONI, ROBERT, CA
[72] REDDY, T. JAGADEESWAR, CA
[72] LIU, JIUYU, US
[71] ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC., US
[71] COA THERAPEUTICS, INC., US
[85] 2020-06-22
[86] 2018-12-26 (PCT/US2018/067536)
[87] (WO2019/133632)
[30] US (62/610,839) 2017-12-27
[30] US (62/751,210) 2018-10-26

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[51] **Int.Cl. C11D 17/00 (2006.01) C11D 3/42 (2006.01)**
[25] EN
[54] **UNITARY LAUNDRY DETERGENT ARTICLE**
[54] **ARTICLE DETERGENT UNITAIRE POUR TEXTILE**
[72] TAN, HONGSING, CN
[72] SIVIK, MARK ROBERT, US
[72] DENOME, FRANK WILLIAM, US
[72] HOU, NA, CN
[72] MAO, MIN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2020-06-23
[86] 2018-01-26 (PCT/CN2018/074282)
[87] (WO2019/144371)

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[13] A1
[51] **Int.Cl. A61K 31/519 (2006.01) C07D 487/00 (2006.01)**
[25] EN
[54] **HETEROCYCLE COMPOUNDS AS TYRO3, AXL AND MERTK (TAM) FAMILY OF RECEPTOR TYROSINE KINASE INHIBITORS**
[54] **COMPOSES HETEROCYCLIQUES EN TANT QUE FAMILLE (TAM) TYRO3, AXL ET MERTK D'INHIBITEURS DE RECEPTEUR TYROSINE KINASE**
[72] YEN, SHIH-CHIEH, TW
[72] LIAO, CHU-BIN, TW
[72] WANG, HUI-CHEN, TW
[72] CHEN, PO-TING, TW
[72] PAN, YU-CHIH, TW
[72] LI, TSUNG-HUI, TW
[72] CHEN, BO-RONG, TW
[72] CHIOU, SHIAN-YI, TW
[71] DEVELOPMENT CENTER FOR BIOTECHNOLOGY, CN
[85] 2020-06-22
[86] 2018-12-26 (PCT/US2018/067532)
[87] (WO2019/133629)
[30] US (62/610,994) 2017-12-28

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[13] A1
[51] **Int.Cl. H04W 8/00 (2009.01)**
[25] EN
[54] **DATA TRANSMISSION CONTROL METHOD AND RELATED PRODUCT**
[54] **PROCEDE DE COMMANDE DE TRANSMISSION DE DONNEES ET PRODUIT ASSOCIE**
[72] YOU, XIN, CN
[72] SHI, CONG, CN
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
[85] 2020-06-23
[86] 2018-02-06 (PCT/CN2018/075451)
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[51] **Int.Cl. C07D 213/72 (2006.01) A61P 11/00 (2006.01) C07C 1/00 (2006.01) C07D 309/10 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 413/12 (2006.01) C07D 417/12 (2006.01)**
[25] EN
[54] **COMPOUNDS**
[54] **COMPOSES**
[72] COLLINGWOOD, STEPHEN, GB
[72] MCCARTHY, CLIVE, GB
[72] HARGRAVE, JONATHAN DAVID, GB
[72] HAY, DUNCAN ALEXANDER, GB
[72] SCHOFIELD, THOMAS BEAUREGARD, GB
[72] ELLAM, SARAH, GB
[72] BUXTON, CRAIG, GB
[72] HABGOOD, MATTHEW, GB
[72] INGRAM, PETER, GB
[72] MA, CHUN YAN, GB
[72] NAPIER, SPENCER, GB
[72] SHAIKH, ABDUL, GB
[72] SMITH, MATTHEW, GB
[72] STIMSON, CHRISTOPHER, GB
[72] WALKER, EDWARD, GB
[71] ENTERPRISE THERAPEUTICS LIMITED, GB
[85] 2020-06-23
[86] 2019-01-25 (PCT/GB2019/050209)
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[30] GB (1801355.7) 2018-01-26

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[51] **Int.Cl. C12P 19/02 (2006.01) C12P 19/04 (2006.01) C12P 19/14 (2006.01) C12P 19/18 (2006.01) C12P 19/24 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING ISOMALTOOLIGOSACCHARIDE COMPOSITION**
[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION D'ISOMALTOOLIGOSACCHARIDE**
[72] SONG, JI YOUNG, KR
[72] JEONG, HAESEOK, KR
[71] CORN PRODUCTS DEVELOPMENT, INC., US
[85] 2020-06-23
[86] 2018-12-28 (PCT/US2018/067885)
[87] (WO2019/135994)
[30] KR (10-2018-0000274) 2018-01-02
[30] KR (10-2018-0117875) 2018-10-02

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[51] **Int.Cl. A61K 31/337 (2006.01) A61K 31/475 (2006.01) A61K 31/496 (2006.01) A61K 31/704 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF TREATING CANCER WITH GLYCOMIMETIC PEPTIDES**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT DU CANCER A L'AIDE DE PEPTIDES GLYCOMIMETIQUES**
[72] EGGINK, LAURA L., US
[72] HOOBER, J. KENNETH, US
[71] SUSAVION BIOSCIENCES, INC., US
[85] 2020-06-23
[86] 2019-01-03 (PCT/US2019/012228)
[87] (WO2019/136185)
[30] US (62/614,956) 2018-01-08
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[51] **Int.Cl. C08L 27/06 (2006.01) C08L 83/04 (2006.01)**
[25] EN
[54] **COMPOSITION, POLYMER COMPOSITE ARTICLE FORMED THEREWITH, AND METHOD OF PREPARING SAME**
[54] **COMPOSITION, ARTICLE COMPOSITE POLYMERE FORME AVEC CELLE-CI, ET SON PROCEDE DE PREPARATION**
[72] BRUCE, KEITH, US
[72] CHORVATH, IGOR, US
[72] COURTEMANCHE, MARC-ANDRE, US
[72] DEGROOT JR., JON V., US
[72] GAAL, SEAN, US
[72] GROSS, CRAIG, US
[72] GUO, HAILAN, US
[72] KEENIHAN, JAMES, US
[72] MEALEY, SHAWN, US
[72] MILLER, SCOTT, US
[72] PARSONS, TOM, US
[72] RAPACKI, STEVEN R., US
[72] SCHLADER, ANDREW, US
[72] SERRAT, CHRISTINA, US
[72] TONGE, LAUREN, US
[71] DOW SILICONES CORPORATION, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HASS COMPANY, US
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[86] 2019-02-01 (PCT/US2019/016330)
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[51] **Int.Cl. B23K 26/06 (2014.01)**
[25] EN
[54] **PROCESSING APPARATUS, AND MANUFACTURING METHOD OF MOVABLE BODY**
[54] **DISPOSITIF DE TRAITEMENT ET PROCEDE DE PRODUCTION DE CORPS EN MOUVEMENT**
[72] SHIRAISHI, MASAYUKI, JP
[72] KAWABE, YOSHIO, JP
[72] TATSUZAKI, YOSUKE, JP
[72] SHIBAZAKI, YUICHI, JP
[71] NIKON CORPORATION, JP
[85] 2020-04-24
[86] 2017-10-25 (PCT/JP2017/038566)
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[51] **Int.Cl. C03C 17/00 (2006.01) C03C 17/22 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING A GLASS-WALLED CONTAINER AND CORRESPONDING APPARATUS**
[54] **PROCEDE DE TRAITEMENT D'UN RECIPIENT A PAROI EN VERRE ET INSTALLATION AFFERENTE**
[72] DEPOILLY, CHRISTOPHE, FR
[72] ETCHEPARE, PIERRE-LUC, FR
[72] ZHANG, JINGWEI, FR
[71] SGD S.A., FR
[85] 2020-06-24
[86] 2019-02-22 (PCT/FR2019/050410)
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[30] FR (1851747) 2018-02-27

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[54] **1, 3, 4, 5-TETRAHYDRO-2H-PYRIDO[4,3-B]INDOLE DERIVATIVES FOR THE TREATMENT, ALLEVIATION OR PREVENTION OF DISORDERS ASSOCIATED WITH TAU AGGREGATES LIKE ALZHEIMER'S DISEASE**
[54] **DERIVES DE 1,3,4,5-TETRAHYDRO-2H-PYRIDO[4,3-B]INDOLE POUR LE TRAITEMENT, LE SOULAGEMENT OU LA PREVENTION DE TROUBLES ASSOCIES A DES AGREGATS DE TAU COMME LA MALADIE D'ALZHEIMER**
[72] NAMPALLY, SREENIVASACHARY, CH
[72] GABELLIERI, EMANUELE, CH
[72] MOLETTE, JEROME, FR
[71] AC IMMUNE SA, CH
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[54] **SYSTEMS AND METHODS FOR TEXTUAL OVERLAY IN AN AMUSEMENT PARK ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE SUPERPOSITION DE TEXTE DANS UN ENVIRONNEMENT DE PARC D'ATTRACTION**
[72] ZIELKOWSKI, AMANDA KATE, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **IRAK DEGRADERS AND USES THEREOF**
[54] **AGENTS DE DEGRADATION DE KINASES IRAK ET LEURS UTILISATIONS**
[72] MAINOLFI, NELLO, US
[72] JI, NAN, US
[72] KLUGE, ARTHUR F., US
[72] WEISS, MATTHEW M., US
[72] ZHANG, YI, US
[71] KYMERA THERAPEUTICS, INC., US
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[54] **A SYSTEM AND METHOD FOR SCHEDULING WORKLOAD BASED ON A CREDIT-BASED MECHANISM**
[54] **SYSTEME ET PROCEDE DE PLANIFICATION DE CHARGE DE TRAVAIL EN FONCTION D'UN MECANISME BASE SUR DES CREDITS**
[72] KUMAR, RAJESH, US
[72] MITTAL, AMIT, US
[72] GUGLE, ANJALI, US
[72] BADHEKA, HETAL N., US
[72] TAMMANA, VASANTHA K., US
[72] VEYYAKULA, PRIYATAM PRASAD, US
[71] CISCO TECHNOLOGY, INC., US
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[54] **STEM CELL CULTURE SYSTEMS FOR COLUMNAR EPITHELIAL STEM CELLS, AND USES RELATED THERETO**
[54] **SYSTEMES DE CULTURE DE CELLULES SOUCHES POUR CELLULES SOUCHES EPITHELIALES COLONNAIRES, ET LEURS UTILISATIONS**
[72] MCKEON, FRANK, US
[72] DULEBA, MARCIN, US
[72] VINCENT, MATTHEW P., US
[71] TRACT PHARMACEUTICALS, INC., US
[71] UNIVERSITY OF HOUSTON SYSTEM, US
[85] 2020-06-23
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[54] **PRODUCE ORIENTOR**
[54] **ORIENTEUR DE PRODUCTION**
[72] MITCHELL, RUSS, US
[72] EVERS, BRANDON, US
[72] DUNNE, BRIAN, US
[72] NELSON, DANIEL, US
[72] MCINNIS, MASON, US
[72] BULLOCK, DAVID, US
[71] ATLAS PACIFIC ENGINEERING COMPANY, US
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[54] **ORAL LIQUID PHARMACEUTICAL COMPOSITIONS OF AMINOSALICYLATES**
[54] **COMPOSITIONS PHARMACEUTIQUES LIQUIDES ORALES D'AMINOSALICYLATES**
[72] LIANG, ALFRED CHI-YEH, NL
[72] EHRNSPERGER, ERIC, NL
[72] SHEN, XIAOHONG, NL
[71] FERRING B.V., NL
[85] 2020-06-23
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[54] **ATF5 PEPTIDE VARIANTS AND USES THEREOF**
[54] **VARIANTS PEPTIDIQUES ATF5 ET LEURS UTILISATIONS**
[72] KAPPEL, BARRY JAY, US
[72] MERUTKA, GENE, US
[72] ROTOLO, JIMMY ANDREW, US
[71] SAPIENCE THERAPEUTICS, INC., US
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[54] **SYSTEM AND METHODS FOR ELECTROKINETIC LOADING OF SUB-MICRON-SCALE REACTION CHAMBERS**
[54] **SYSTEME ET PROCEDES DE CHARGEMENT ELECTROCINETIQUE DE CHAMBRES DE REACTION A ECHELLE REDUITE**
[72] ROTHBERG, JONATHAN M., US
[72] CHEN, GUOJUN, US
[72] LACKEY, JEREMY, US
[72] KABIRI, ALI, US
[72] REARICK, TODD, US
[72] SCHULTZ, JONATHAN C., US
[72] GHASEMI, FARSHID, US
[72] FIFE, KEITH G., US
[72] SCHMID, GERARD, US
[72] GORYAYNOV, ALEXANDER, US
[71] QUANTUM-SI INCORPORATED, US
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[54] **ENERGY CONSUMPTION MANAGEMENT BASED ON GAME THEORETICAL DEVICE PRIORITIZATION**
[54] **GESTION DE CONSOMMATION D'ENERGIE BASEE SUR UNE PRIORISATION DE DISPOSITIFS PAR LA THEORIE DES JEUX**
[72] SRINIVASAN, MOHIT, US
[72] DECKER, DAVID, US
[71] LANDIS+GYR INNOVATIONS, INC., US
[85] 2020-06-23
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[54] **COMPOSITIONS COMPRISING LIPID-BASED NANOPARTICLES FOR TREATING DIABETES MELLITUS**
[54] **COMPOSITIONS COMPRENANT DES NANOPARTICULES A BASE DE LIPIDES POUR LE TRAITEMENT DU DIABETE SUCRE**
[72] GEHO, W. BLAIR, US
[71] SDG, INC., US
[85] 2020-06-23
[86] 2019-01-07 (PCT/US2019/012557)
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[54] **PLURALITIES OF WATER-SOLUBLE ARTICLES AND RELATED PROCESSES**
[54] **PLURALITES D'ARTICLES SOLUBLES DANS L'EAU ET PROCEDES ASSOCIES**
[72] HUANG, SUN-JAN ALAN, US
[72] SIVIK, MARK ROBERT, US
[72] DENOME, FRANK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **TILE, IN PARTICULAR CARPET TILE, AND COVERING OF SUCH TILES**
[54] **DALLE, EN PARTICULIER DALLE DE MOQUETTE, ET REVETEMENT FAIT DE TELLES DALLES**
[72] BOUCKE, EDDY ALBERIC, BE
[71] I4F LICENSING NV, BE
[85] 2020-06-24
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[54] **DATA TRANSMISSION METHOD AND DEVICE, AND COMPUTER STORAGE MEDIUM**
[54] **PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES ET SUPPORT DE STOCKAGE INFORMATIQUE**
[72] TANG, HAI, CN
[72] LIN, HUEI-MING, AU
[71] GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD., CN
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[54] **PURIFICATION OF BIOMASS-BASED LIPID MATERIAL**
[54] **PURIFICATION D'UNE MATIERE LIPIDIQUE A BASE DE BIOMASSE**
[72] PASANEN, JUKKA-PEKKA, FI
[72] HALTTUNEN, JARMO, FI
[72] MALM, ANNIKA, FI
[72] SIPPOLA, VAINO, FI
[71] NESTE OYJ, FI
[85] 2020-06-23
[86] 2018-12-28 (PCT/FI2018/050984)
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[51] **Int.Cl. A61F 9/008 (2006.01) A61F 2/14 (2006.01)**
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[54] **REFRACTIVE TREATMENT OF AN EYE BY PRINTING MATERIAL ONTO A TARGET**
[54] **TRAITEMENT REFRACTIF D'UN □IL PAR UN MATERIAU D'IMPRESSION SUR UNE CIBLE**
[72] SCHMID, STEFAN, DE
[72] WARM, BERNDT, DE
[71] ALCON INC., CH
[85] 2020-06-23
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[25] EN
[54] **HANDLE ASSEMBLY AND STAPLER INCLUDING THE SAME**
[54] **ENSEMBLE POIGNEE ET AGRAFEUSE LE COMPRENANT**
[72] CHEN, ZHI, CN
[72] GUO, YI, CN
[72] LIN, JIANG, CN
[72] XU, XIAOWEI, CN
[71] TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD., CN
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[54] **NOUVELLE MACHINE DE FORAGE DES PUITS DE TYPE FENDU**
[72] LI, JIANBIN, CN
[72] JIA, LIANHUI, CN
[72] XIAO, WEI, CN
[72] WANG, DUJUAN, CN
[72] ZHUO, XINGJIAN, CN
[72] LV, DAN, CN
[72] ZHANG, LIXUN, CN
[72] ZHU, YING, CN
[72] WANG, WEI, CN
[72] YANG, TIANREN, CN
[72] YANG, JUHUI, CN
[72] ZHOU, QIAN, CN
[72] SHI, WEI, CN
[72] YU, QINGZENG, CN
[72] ZHANG, XIDONG, CN
[72] CHEN, WEIMING, CN
[72] FENG, LIN, CN
[71] CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD., CN
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[54] **AIRBORNE ROOTING AND CALLUSING OF CUTTINGS**
[54] **FORMATION AERIENNE DE RACINES ET DE CALS DE BOUTURES**
[72] WISMANS, PERRY TH. J.G., NL
[72] VAN DEN HEUVEL, J.F.J.M., NL
[71] DUMMEN GROUP B.V., NL
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[54] **ANNULAR THRUST SYSTEM FOR SHAFT BORING**
[54] **SYSTEME DE PROPULSION DE SABOTS ANNULAIRES DE SOUTENEMENT POUR CREUSEMENT DE PUITS VERTICAUX**
[72] YANG, JUHUI, CN
[72] ZHANG, XIDONG, CN
[72] XIAO, WEI, CN
[72] YAN, YANGYI, CN
[72] LV, DAN, CN
[72] SHI, WEI, CN
[72] ZHOU, QIAN, CN
[72] FENG, LIN, CN
[71] CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD., CN
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[51] **Int.Cl. G01L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR PREDICTING RESIDUAL STRESS OF METAL PLATE BASED ON MEASURING OF RESIDUAL STRESS RELEASE WARPAGE**
[54] **PROCEDE ET APPAREIL DE PREDICTION DE CONTRAINTE RESIDUELLE DE TOLE METALLIQUE EN SE BASANT SUR LA MESURE D'AMPLITUDE DE GAUCHISSEMENT PROVOQUEE PAR UNE LIBERATION DE LA CONTRAINTERESIDUELLE**
[72] WANG, JUNQIANG, CN
[72] LIU, CHENG, CN
[72] CAO, HAILONG, CN
[72] NIU, GUANMEI, CN
[72] YANG, ZHONGYU, CN
[71] CHINALCO MATERIALS APPLICATION RESEARCH INSTITUTE CO., LTD, CN
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[54] **HIGH-SPEED IMAGE READOUT AND PROCESSING**
[54] **LECTURE ET TRAITEMENT D'IMAGE A GRANDE VITESSE**
[72] WENDEL, ANDREAS, US
[72] DITTMER, JEREMY, US
[72] HERMALYN, BRENDAN, US
[71] WAYMO LLC, US
[85] 2020-06-24
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[54] **HIGH CONDUCTANCE THERMAL LINK**
[54] **CONNECTEUR THERMIQUE A CONDUCTANCE ELEVEE**
[72] CACERES DEL VISO, FELIPE, ES
[72] PERELLON MARSA, MARC, ES
[72] APARICIO ORDOBAS, MARIA JOSE, ES
[72] SAMARTIN PULIAN, CARLOS ROBERTO, ES
[71] AIRBUS DEFENCE AND SPACE SA, ES
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[51] **Int.Cl. A61C 19/045 (2006.01)**
[25] EN
[54] **METHOD FOR UTILIZING A MANDIBULAR C-CLAMP TO IDENTIFY A FIXED POINT OF REFERENCE ON A HUMAN JAW**
[54] **PROCEDE D'UTILISATION D'UNE PINCE EN C MANDIBULAIRE POUR IDENTIFIER UN POINT FIXE DE REFERENCE SUR UNE MACHOIRE HUMAINE**
[72] DAVYDOV, ALBERT, US
[72] USOV, PETER, US
[71] DAVYDOV, ALBERT, US
[85] 2020-06-24
[86] 2018-12-31 (PCT/US2018/068112)
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[25] EN
[54] **PREPARATION OF AN AVIATION FUEL COMPOSITION**
[54] **PREPARATION D'UNE COMPOSITION DE CARBURANT POUR L'AVIATION**
[72] KIISKI, ULLA, FI
[72] NORTIO, JENNI, FI
[72] SANDBERG, KATI, FI
[71] NESTE OYJ, FI
[85] 2020-06-23
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[54] **ADJUSTMENT PART**
[54] **PIECE DE REGLAGE**
[72] RAHIKKA, JOUKO, FI
[71] OY STEELPRO LTD, FI
[85] 2020-06-23
[86] 2018-12-27 (PCT/FI2018/050980)
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[54] **RETINAL PIGMENT EPITHELIUM CELL COMPOSITIONS**
[54] **COMPOSITIONS DE CELLULES D'EPITHELIUM PIGMENTAIRE RETINIEN**
[72] ROSENBERG, BELMAKER LIOR, IL
[72] WISER, OFER, IL
[72] NETZER, NIR, IL
[72] HAYOUN NEEMAN, DANA, IL
[72] SHAHAF, BAT, IL
[72] BOHANA KASHTAN, OSNAT, IL
[72] GAMBURG, ORIT, IL
[71] CELL CURE NEUROSCIENCES LTD., IL
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[30] US (62/612,210) 2017-12-29

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[51] **Int.Cl. C09K 3/18 (2006.01)**
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[54] **INCREASED SATURATION OF ICE MELTING COMPOSITIONS AND METHODS OF USE**
[54] **SATURATION ACCRUE DE COMPOSITIONS DE FONTE DE GLACE ET PROCEDES D'UTILISATION**
[72] LYON, MATTHEW GERARD, US
[72] RANDOLPH, JOHN ANDREW, US
[72] CAPRACOTTA, MICHAEL, US
[71] BASF SE, DE
[85] 2020-06-24
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[25] EN
[54] **LOW-PRESSURE CATALYTIC CONVERSION OF USED MOTOR OIL TO DIESEL FUEL**
[54] **CONVERSION CATALYTIQUE A BASSE PRESSION D'HUILE POUR MOTEUR USAGEE EN CARBURANT DIESEL**
[72] KARL, BRYCE, CA
[72] ARABSHAHI, HAMID, CA
[71] KARL IP HOLDINGS INC., CA
[85] 2020-06-23
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[30] US (62/598,279) 2017-12-13
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[54] **VIBRATOR AND PUMP**
[54] **VIBREUR ET POMPE**
[72] ABU-AWAD, SALMAN, IL
[72] ABU AWAD, MHDE, IL
[71] ABU-AWAD, SALMAN, IL
[71] ABU AWAD, MHDE, IL
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[54] **NOUVEAU REVETEMENT DE MICROPARTICULES (PARTICULES CREUSES COMPRENANT UN MEDICAMENT ET PROCEDE DE FABRICATION DE CELLES-CI)**
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[71] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
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[54] **DISPOSITIF DE STATION DE BASE, DISPOSITIF TERMINAL ET PROCEDE DE COMMUNICATION**
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[72] NAMBA, HIDEO, JP
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[54] **LESSIVE EN DOSE UNITAIRE COMPORTANT DES SUBSTRATS FIBREUX**
[72] SIVIK, MARK ROBERT, US
[72] FLITER, KRISTI LYNN, US
[72] DENOME, FRANK WILLIAM, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **METHODE, SYSTEME ET PROGRAMME PERMETTANT LA FOURNITURE D'INFORMATIONS IMMUNODYNAMIQUES**
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[54] **COMPOSITION POUR L'AMELIORATION DE LA FONCTION BARRIERE DU TRACTUS INTESTINAL**
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[72] ARIE, HIDEYUKI, JP
[71] SUNTORY HOLDINGS LIMITED, JP
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[54] **COMPOSITION FOR IMPROVING INTESTINAL BARRIER FUNCTION**
[54] **COMPOSITION AMELIORANT UNE FONCTION DE BARRIERE INTESTINALE**
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[72] KASAJIMA, NAOKI, JP
[72] ARIE, HIDEYUKI, JP
[71] SUNTORY HOLDINGS LIMITED, JP
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[54] **PROPHYLACTIC AGENT AND/OR THERAPEUTIC AGENT FOR CATARACT, MEDICINAL COMPOSITION FOR PREVENTING AND/OR TREATING CATARACT, USE OF PPAR ACTIVATOR FOR PRODUCING SAME, AND EYEDROPS**
[54] **AGENT PROPHYLACTIQUE ET/OU AGENT THERAPEUTIQUE CONTRE LA CATARACTE, COMPOSITION MEDICINALE POUR PREVENIR ET/OU TRAITER LA CATARACTE, UTILISATION D'UN ACTIVATEUR DE PPAR POUR PRODUIRE CES DERNIERS, ET COLLYRE**
[72] OKI, MASAYA, JP
[72] KANADA, FUMITO, JP
[72] KAMATA, KAZUMA, JP
[72] TAKAMURA, YOSHIHIRO, JP
[72] MIYAKE, SEIJI, JP
[72] INATANI, MASARU, JP
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[72] NOGATA, MIHO, JP
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[71] UNIVERSITY OF FUKUI, JP
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[54] **COMPOSITION D'AMELIORATION DE LA FONCTION DE BARRIERE INTESTINALE**
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[54] **CIBLAGE INNE DE THERAPIES CELLULAIRES ADOPTIVES**
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[71] QU BIOLOGICS INC., CA
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[54] **COMPOSITION POUR INHIBER LA PRODUCTION D'OXYGENE ACTIF**
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[72] FUNAKI, AYUTA, JP
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[54] **DISPOSITIF TERMINAL, STATION DE BASE, PROCEDE DE COMMUNICATION ET CIRCUIT INTEGRE**
[72] TSUBOI, HIDEKAZU, JP
[72] HORI, TAKAKO, JP
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[71] SHARP KABUSHIKI KAISHA, JP
[71] FG INNOVATION COMPANY LIMITED, CN
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[54] **STEEL MATERIAL FOR LOW YIELD RATIO, HIGH-STRENGTH STEEL PIPE HAVING EXCELLENT LOW-TEMPERATURE TOUGHNESS, AND MANUFACTURING METHOD THEREFOR**
[54] **MATERIAU EN ACIER POUR TUYAU EN ACIER A HAUTE RESISTANCE ET FAIBLE LIMITE APPARENTE D'ELASTICITE AYANT UNE EXCELLENTE TENACITE A BASSE TEMPERATURE ET PROCEDE DE FABRICATION S'Y RAPPORTANT**
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[54] **METHOD FOR ADJUSTING THE PROFILE OF A FILM IN BLOWN EXTRUSION LINES, ADJUSTED FILM AND REEL**
[54] **PROCEDE D'AJUSTEMENT DU PROFIL D'UN FILM DANS DES LIGNES D'EXTRUSION-SOUFFLAGE, FILM AJUSTE ET BOBINE**
[72] LOMBARDINI, NICOLA, IT
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[72] YAMAGUCHI, SHINPEI, JP
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[71] KYOWA HAKKO KIRIN CO., LTD., JP
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[54] **PROCEDES ET APPAREIL POUR UN FILTRE ENDOVASCULAIRE PERCUTANE RETROGRADE ET DISPOSITIF D'EMBOLECTOMIE/THROMBECTOMIE**
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[71] HIGH DESERT RADIOLOGY, P.C., US
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[54] **BIOCHARBONS ET EXTRAITS DE BIOCHARBONS AYANT DES COMPOSES DE SIGNALISATION SOLUBLES ET PROCEDE DE CAPTURE DE MATERIAU EXTRAIT DE BIOCHARBON**
[72] KIM, HAN SUK, US
[72] SMITH, MATTHEW WILLIAM, US
[72] WAN, HAIJUN, US
[72] BELCHER, RICHARD WILSON, US
[72] BONTCHEV, RANKO PANAYOTOV, US
[72] BUEGE, BRIAN, US
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[54] **ANTICORPS MONOCLONAUX ET PROCEDES DE LEUR UTILISATION**
[72] BRITANOVA, OLGA VLADIMIROVNA, RU
[72] IZRAELSON, MARK ALEKSANDROVIC, RU
[72] LUKYANOV, SERGEY ANATOLIEVICH, RU
[71] JOINT STOCK COMPANY "BIOCAD", RU
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[54] **COMPOSITIONS POUR LE TRAITEMENT DE MALADIES ARTERIELLES INFECTIEUSES ET DE PATHOLOGIES ASSOCIEES**
[72] BORODY, THOMAS JULIUS, AU
[71] CENTRE FOR DIGESTIVE DISEASES, AU
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[54] **PROCEDE DE RECUPERATION DE LITHIUM A PARTIR DE SAUMURE**
[72] BROWN, CRAIG JOHNSTONE, CA
[71] 2661881 ONTARIO LIMITED, CA
[85] 2020-06-24
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[54] **STRUCTURE D'EXOSQUELETTE**
[72] BELANGER-DESBIENS, ALEXANDRE, CA
[72] SOUCY, FRANCISCO, CA
[72] GAGNE, SYLVAIN, CA
[72] ZOSO, NATHANIEL, CA
[72] GRENIER, JORDANE, FR
[71] SAFRAN ELECTRONICS & DEFENSE, FR
[71] B-TEMIA INC., CA
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[54] **EVENEMENT DE MAIS MON87429 ET SES PROCEDES D'UTILISATION**
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[72] GOLEY, MICHAEL E., US
[72] HUANG, JINTAI, US
[72] KLINGAMAN, TRACY E., US
[72] LARUE, CLAYTON T., US
[72] QI, YOULIN, US
[72] SPARKS, OSCAR C., US
[72] VAN SCOYOC, BROOK M., US
[72] YANG, HEPING, US
[71] MONSANTO TECHNOLOGY LLC, US
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[54] **PLASTICIZER COMPOSITION COMPRISING CYCLOHEXANE POLYESTER-BASED SUBSTANCE AND RESIN COMPOSITION COMPRISING THE SAME**
[54] **COMPOSITION DE PLASTIFIANT COMPRENANT UN MATERIAU A BASE DE POLYESTER DE CYCLOHEXANE, ET COMPOSITION DE RESINE LA COMPRENANT**
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[72] MOON, JEONG JU, KR
[72] CHOI, WOO HYUK, KR
[71] LG CHEM, LTD., KR
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[54] **SYSTEME DE RAYONNAGE DE VENTE AU DETAIL**
[72] OBITTS, SHANE, US
[72] MERTZ, BILLY, US
[72] GRUBBS, MATT, US
[71] FASTENERS FOR RETAIL, INC., US
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[54] **COMBINAISON D'UNE IMMUNOGLOBULINE PLASMATIQUE ET D'UNE IMMUNOGLOBULINE SPECIFIQUE D'ANTIGENE POUR LA MODIFICATION DU SYSTEME IMMUNITAIRE ET LE TRAITEMENT OU LA PREVENTION DES MALADIES ALLERGIQUES**
[72] HOFFMANN, GEOFFREY WILLIAM, CA
[72] GORCZYNSKI, REGINALD M., CA
[71] NETWORK IMMUNOLOGY INC., CA
[85] 2020-06-24
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[54] **EXOSKELETAL GAIT REHABILITATION DEVICE**
[54] **DISPOSITIF DE REEDUCATION DE LA MARCHE DE TYPE EXOSQUELETTE**
[72] HEPLER, DANIEL LOREN, CA
[72] MULLINS, CLIVE EDWARD, CA
[71] AGILIK TECHNOLOGIES INC., CA
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[71] LEDGER, SAS, FR
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[72] RIOBLANC, MAXENCE, FR
[72] MATTE, GUILLAUME, FR
[72] MOSCA, FREDERIC, FR
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[54] **APPLICATION D'UN COMPOSE DANS LA PREPARATION D'UN MEDICAMENT POUR LE TRAITEMENT DE L'AVC HEMORRAGIQUE**
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[72] HUANG, YIJUN, CN
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[72] LIN, SUIZHEN, CN
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[72] MALHOTRA, SUSHANT, US
[72] OLIVERO, ALAN G., US
[72] SHAO, CHENG, CN
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[72] CASSARINO, LEANDRO, FR
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[72] GILL, MARK, GB
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[72] FUJIMOTO, NAOKO, JP
[72] IWABUCHI, KUMIKO, JP
[72] KENJO, ERIYA, JP
[72] MAKITA, YUKIMASA, JP
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[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[71] JFE STEEL CORPORATION, JP
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[54] **DISPOSITIF ET PROCEDE DE GENERATION DE PUISSANCE DE STOCKAGE D'ENERGIE A AIR COMPRIME**
[72] NAKAMICHI, RYO, JP
[72] SATO, TAKASHI, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
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[71] MAKO NETWORKS NZ LIMITED, NZ
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[54] **DISPOSITIF DE DECONTAMINATION ET PROCEDE UTILISANT LA CAVITATION ULTRASONORE**
[72] SHANE, HALDEN STUART, US
[72] CATO, JOHNNY SULLIVAN, US
[72] LIU, CHARLES, US
[71] TOMI ENVIRONMENTAL SOLUTIONS, INC., US
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[72] HUANG, HUASHENG, US
[72] HU, WEI, US
[72] ZHOU, JUNYU, US
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[71] GENENTECH, INC., US
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[72] BELLOWS, LANCE CLARK, US
[72] SANDERS, JILL, US
[72] WESTENFELDER, DAVID A., II, US
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[72] VRLJIC, MARIJA, US
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[72] SIMPSON, SEAN DENNIS, US
[72] CONRADO, ROBERT JOHN, US
[72] MIHALCEA, CHRISTOPHE DANIEL, US
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[54] **SYSTEME D'EXTRACTION D'ECHANTILLONS DE TISSUS D'UN FLUX DE FLUIDE GENEREPENDANT UNE INTERVENTION MEDICALE/CHIRURGICALE**
[72] VANDERWOUDE, BRIAN, US
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[72] HERSHBERGER, DAVID, US
[72] ISHAM, STEVE, US
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[72] BARNES, BRYAN ROBERT, US
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[72] LAPOINTE, LAWRENCE, AU
[72] PEDERSEN, SUSANNE, AU
[71] CLINICAL GENOMICS PTY LTD, AU
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[54] **DISPOSITIF ET PROCEDE DE NORMALISATION DE RELEVES DE DEFORMATION D'IMPLANT POUR EVALUER LA CICATRISATION OSSEUSE**
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[72] NEUROHR, ANSELM JAKOB, CA
[72] MERETTE, JEAN-SEBASTIEN, CA
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[54] **DISPOSITIF, PROGRAMME ET PROCEDE DE TRANSFERT/ACCUMULATION DE FONDS FR TIONNAIRES**
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[72] VISWANADHA, SRIKANT, IN
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[72] VAKKALANKA, SWAROOP K. V. S., IN
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[54] **INGENIERIE TISSULAIRE DU POUMON**
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[72] NIKLASON, LAURA E., US
[72] PETERSEN, THOMAS, US
[72] GUI, LIQIONG, US
[71] YALE UNIVERSITY, US
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[51] **Int.Cl. B60W 40/09 (2012.01)**
[25] EN
[54] **DETERMINATION OF A MOTORCYCLE RIDER'S EXPERIENCE LEVEL**
[54]
[72] GIRAUD, DAMON JAY, CA
[72] KWONG, DOMINIQUE, CA
[71] DAMON MOTORS INC., CA
[22] 2018-09-06
[41] 2019-03-14
[62] 3,075,187
[30] US (62/554,697) 2017-09-06
[30] US (62/570,028) 2017-10-09
[30] US (62/580,629) 2017-11-02

Index of Canadian Patents Issued

July 28, 2020

Index des brevets canadiens délivrés

28 juillet 2020

10353744 CANADA LTD. 2,985,890
10353744 CANADA LTD. 2,986,828
3G MERMET CORPORATION 2,821,869
9224-5489 QUEBEC INC. 2,765,998
AAKEROY, HAVARD JOHAN 2,924,337
AASE, JONATHAN S. 2,928,660
ABAYASINGHE, NILMINI K. 2,821,869
ABB SCHWEIZ AG 2,820,330
ABBOTT LABORATORIES 2,822,497
ABIVAX 2,888,391
ACCENTURE GLOBAL SERVICES LIMITED 2,917,363
ACCENTURE GLOBAL SOLUTIONS LIMITED 2,934,808
ACCESS INDUSTRIAL INC. 2,963,261
ADAMCZAK, STEPHANIE 2,863,417
ADAMS, NEIL PATRICK 2,871,507
ADOLPHSON, ALEC D. 2,999,521
AFEWORKI, MOBAE 2,895,232
AFTON CHEMICAL CORPORATION 3,050,440
AGOSTINI, FRANCESCO 2,820,330
AHMOYE, DANIEL W. 2,915,133
AKAMAI TECHNOLOGIES, INC. 2,914,446
AL-S TECHNOLOGY B.V. 2,922,623
ALAMEH, KAMAL 2,840,647
ALBURTY, DAVID SCOTT 2,999,521
ALCANTARA RESEARCH GROUP INC. 3,038,696
ALCANTARA, JOENEL 3,038,696
ALCON INC. 2,872,622
ALDEBARAN ROBOTICS 2,925,934
ALDRIDGE, JEFFREY L. 2,869,890
ALIBABA GROUP HOLDING LIMITED 3,040,685
ALLEN, JAMES D., IV 2,815,129
ALLISON TRANSMISSION, INC. 2,884,695
ALVAREZ, ANDRES 3,010,939
AMERICAN GREETINGS CORPORATION 2,828,752
ANDERSON, JOHN 2,941,159
ANDERSON, TROY A. 2,862,040
ANDERSSON, HAKAN 2,973,936
ANGORN, MATTHEW DAVID 2,828,752
APONTE, CARLOS 2,862,526
APPENDINO, GIOVANNI 3,020,387
APPLE INC. 2,878,195
APPLE INC. 2,928,660
APPLE INC. 2,939,248
APPY RISK TECHNOLOGIES LTD. 2,847,384
ARCHI ENTERPRISES INC. 3,055,794
AREKAPUDI, SRIKANTH 3,060,368
ARES TRADING S.A. 2,875,132
ARNDT, MARTIN 2,988,207
ARRIS ENTERPRISES LLC 2,916,478
ARRUDA, VALDER 2,776,503
ARTALE, RYAN C. 2,815,129
ARTHUR, STEPHEN DALEY 2,783,438
ARYSTA LIFESCIENCE INC. 3,058,008
ASAMI, TOKIKO 2,830,148
ASTRAZENECA AB 2,869,936
ASTRAZENECA AB 3,014,357
ATKINS, M. STELLA 2,977,859
AU CARD, LLC 2,892,168
AUDET, MATHIEU 2,765,998
AUGOR, CHRISTOPHE 2,795,646
AVENU MEDICAL, INC. 2,880,253
AVENU MEDICAL, INC. 2,891,257
AVEROUS, DANIEL 2,890,551
AYRES, STEPHEN WILLIAM 2,935,382
AZIOUNE, AMMAR 2,866,364
AZMI, YACINE 2,928,660
B/E AEROSPACE, INC. 2,876,202
BABAEI, ALIREZA 3,038,086
BADGER, CHAD 3,025,922
BAEHNER, FREDERICK L. 2,804,626
BAEHR, RICK 3,004,717
BAEZA, GUILLERMO ENRIQUE 3,011,599
BAILLIE, ALAN JAMES 2,874,247
BAJOVIC, BAJO 2,851,557
BAKER HUGHES INCORPORATED 2,969,616
BAKER HUGHES, A GE COMPANY, LLC 2,999,159
BAKER HUGHES, A GE COMPANY, LLC 3,001,854
BAKER, ANDREW 2,949,591
BAKER, JOFFRE B. 2,804,626
BALL, BERNARD F., SR. 2,864,101
BALZER, HARTMUT 2,848,303
BAMBRICK, DAVID 2,863,052
BARBAROW, JENNIFER ELIZABETH 2,880,410
BARKER, MATTHEW 2,950,179
BARTLETT, BRUCE K. 2,974,554
BARTMINN, DANIEL 3,017,564
BARTOLO, DENIS 2,866,364
BARTZ, GEORGE 2,949,765
BASF AGRICULTURAL SOLUTIONS SEED US LLC 2,753,491
BASF AGRICULTURAL SOLUTIONS SEED US LLC 2,866,239
BASF SE 2,891,248
BASIR, OTMAN A. 2,847,384
BASTIOLI, CATIA 2,866,826
BATCHELOR, STEPHEN NORMAN 2,813,791
BAUER, MONIKA 2,831,409
BAY, KEREM 2,891,248
BAYAB INDUSTRIES 2,870,916
BAYER CROPSCIENCE AG 2,855,948
BAYER INTELLECTUAL PROPERTY GMBH 2,826,464
BAYER INTELLECTUAL PROPERTY GMBH 2,855,948
BCE INC. 2,769,586
BEAULIEU, ANNE 2,886,763
BECKER, ANGELA 2,855,948
BECS TECHNOLOGY, INC. 3,019,683
BECTON, DICKINSON AND COMPANY 2,759,585
BECTON, DICKINSON AND COMPANY 2,959,785
BEHAR-COHEN, FRANCINE 2,845,549
BEHNE, RAINER 2,845,066
BEISSERT, TIM 2,890,529
BELAKSHE, RAVIKANT S. 3,004,403
BELKIN INTERNATIONAL, INC. 2,804,109
BELL, FRANK 2,991,751
BELL, STEVEN GRAHAM 2,980,119
BELLEHUMEUR, MARIE THERESE CELINE 2,834,068
BELLEI, TERRENCE 2,862,904
BELLIDO CABELLO DE ALBA, MARIA LUZ 3,020,387
BENTON, ARTHUR MICHAEL 2,937,026
BERGMANN, FRANK 2,879,094
BERGSTROM, ANDREAS 2,973,936
BERKOWITZ, DONALD S. 2,862,904
BERTAUD, OLIVIER 2,886,763
BERTKE, BRIAN D. 2,869,890
BETHEL, PAUL ALLEN 3,014,357
BHADURI, SUMIT 3,001,854
BIBAS, CHARLES 2,983,200
BIERMANS, PETER 2,966,066
BIGGS, JAMES C., III 2,937,026
BILLIMORIA, RUSTOM MERWAN 2,911,233
BINGEL, RON 2,865,426
BINKOWSKI, BROCK 2,817,102
BIOFIRE DIAGNOSTICS, LLC 2,970,005
BIOIBERICA, S.A. 2,879,645
BIONTECH RNA PHARMACEUTICALS GMBH 2,890,529
BIOTHERYX, INC. 2,986,141
BIRDWELL, BARRY R. 2,965,247
BJ SERVICES, LLC 3,010,931
BJ SERVICES, LLC 3,010,939

Index of Canadian Patents Issued
July 28, 2020

BLACKBERRY LIMITED 2,685,192
BLACKBERRY LIMITED 2,871,507
BLACKBOURN, ROBERT LAWRENCE 2,872,456
BLOCK, DIRK 2,671,298
BLOEMERS, JOHANNES MARTINUS MARIA 2,835,845
BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA 2,841,459
BOBST MEX SA 3,021,469
BOHLE AG 3,030,664
BOLUDA CASAS, SUSANA 2,789,053
BONE, ERNEST E. 2,714,683
BONET PINA, MA LUISA 2,879,645
BOON, CHOONG SENG 2,973,344
BORSOTTI, GIAMPIETRO 2,866,826
BOTTCHER, MARTIN 2,847,457
BRADY, LOUIS J. 2,945,121
BRAULT, MICHEL GILBERT ROLAND 2,908,855
BRAUNSMANN, KIRSTEN 2,891,248
BRENNAN, THOMAS 2,915,665
BREXELER, INGO 2,874,307
BRILLON, LOUIS 2,828,414
BRINGER, JULIEN 2,844,762
BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED 3,006,621
BRITTON, ORSA 2,991,495
BROUWER, JAN-WILLEM 2,883,030
BROWN, DAVID MATTHEW 2,872,456
BRUCE, TRENTON M. 2,965,105
BRUEHWILER, MICHEL 2,759,585
BRUMLEY, MICHAEL J. 2,876,202
BRUNNER, PETER 2,845,066
BRYANT, SHANNON E. 3,001,854
BUCHNER, DANIEL 3,030,664
BUCK, RACHAEL 2,822,497
BUCKLEY, EDWARD 3,050,122
BUEHL, JOSEPH 2,979,706
BUGENSKE, STEVEN JAMES 2,978,581
BULLOCK, M. ROSS 2,863,417
BURACHINSKY, ERIK 3,012,132
BURGGREN, KEEGAN E. 3,028,466
BURNEY, DENNES KYLE 2,945,169
BURTON, ALLEN W. 2,895,232
BUSTER AND PUNCH LIMITED 2,978,044
C SERIES AIRCRAFT LIMITED PARTNERSHIP 2,902,054
C2 CUSTOM FURNISHINGS INC. 2,821,571
CACHOUX, FREDERIC 2,879,595
CADE, DANIEL 2,650,576
CADILHAC, CAROLINE 2,894,536
CAESAR, THOMAS 2,956,867
CAI, ZHIJUN 2,685,192
CALDWELL, MICHAEL 2,827,478
CALLAHAN, JOHN W. 2,979,706
CAMBRONERO, ISAAC G., JR. 3,007,566
CAMIRE, RODNEY 2,776,503
CAMPANELLA, ANDREW J. 3,011,548
CAMPBELL, ELAINE E. 2,872,622
CAMPBELL, JEFFERY P. 2,863,052
CAMPBELL, WILLIAM B. 2,832,422
CAMPORINI, ALFRED 2,862,526
CANADIAN NATIONAL RAILWAY COMPANY 2,950,179
CANADIAN NATURAL UPGRADING LIMITED 2,821,079
CANON KABUSHIKI KAISHA 3,041,976
CAO, FEINA 2,826,901
CAO, WENJIE 2,982,862
CAPAR, PAUL 2,862,526
CAPITAL ONE SERVICES, LLC 3,060,282
CAPUZZI, LUIGI 2,866,826
CARBONCOMPETENCE GMBH 3,038,816
CARDAMONE, DAVID P. 2,991,751
CARL FREUDENBERG KG 2,956,867
CARLETON, JOEL 2,827,478
CARLUCCI, JOHN B. 2,979,706
CARMEL PHARMA AB 2,877,466
CARNA BIOSCIENCES, INC. 2,830,148
CARNEY, PAUL C. 2,937,026
CARPIO GONZALEZ, YAMILA 2,818,027
CARROLL, RICHARD R. 2,862,040
CASSISTAT, FRANCOIS 2,765,998
CASTELLS, I GARANGOU ANTONI 2,852,850
CATRON, ROBERT 3,027,485
CATTRON NORTH AMERICA, INC. 2,991,289
CAUVET, PHILIPPE 2,966,066
CECO ENVIRONMENTAL IP INC. 3,012,132
CEDERSCHIOLD, ALEXANDER 2,877,466
CENAC, FRANCOIS 2,870,916
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS 2,866,364
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,029,858
CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA 2,818,027
CENTRO DE INVESTIGACION BIOMEDICA EN RED DE ENFERMEDADES HEPATICAS Y DIGESTIVAS 2,852,850
CEREBRAS SYSTEMS INC. 3,060,368
CERRUTI, GIULIO 3,029,858
CERVERA, JOSE MARIA 2,843,155
CH'NG, SENG GUAN 3,053,514
CHABANNE, HERVE 2,844,762
CHABLAT, DAMIEN 3,029,858
CHAMBERLAIN, ROGER 3,019,683
CHAN, KYLE W.H. 2,986,141
CHAN, LAI CHUN 3,014,357
CHANGZHOU LONGTHERA PHARMACEUTICALS INC 2,982,862
CHAPPLE, ANDREW PAUL 2,813,791
CHARLTON, ERIK 2,818,696
CHASKO, STEPHEN 2,919,260
CHATTERJEE, DEBDEEP 2,939,248
CHEHAB, KHALED 2,822,461
CHEICH, ROBERT C. 3,003,580
CHEMEL, BRIAN 2,816,978
CHEN, CHEN 2,976,193
CHENG, PENG 2,982,862
CHENG, XU 2,822,461
CHERBAVAZ, DIANA 2,804,626
CHETRIT RUSSI, CARLES 2,879,645
CHEVRON CANADA LIMITED 2,821,079
CHEVRON ORONITE COMPANY LLC 2,880,410
CHEVRON U.S.A. INC. 2,778,001
CHI, JENNIFER 2,949,765
CHIRINOS, JOHANA M. 2,965,105
CHOI, YOUNGHEE 2,968,765
CHOO, MARGARET LEE HING 3,053,514
CHROMADEX INC. 2,928,656
CIENA CORPORATION 3,057,992
CIMA S.P.A. 2,911,279
CLARKE, GILBERT 3,012,247
CLAUSEN, ARINBJORN VIGGO 2,868,528
CLERC, VINCENT 3,029,858
COHEN, MOR MIRI 2,828,232
COLBY, DENISE A. 2,850,466
COLEMAN, LUKE JAMES IVOR 2,876,023
COLLINS, ARLAN 3,015,809
COLOMER VALERO, ANNA 2,789,053
COLT CANADA IP HOLDING PARTNERSHIP 3,037,405
COMAR, LLC 2,879,107
COMPTON, DAVID 3,037,405
CONNORS, ERIC 2,744,547
CONOCOPHILLIPS COMPANY 2,881,054
CONRAD, JUSTIN WESLEY 2,991,289
CONSTANTINEAU, COLE 2,759,585
CORBOBA RAMOS, RAFAEL 2,870,376
COSTEUX, STEPHANE 2,890,214
COTTER, TIM 2,856,772
COTTER, TIM S. 2,933,547
COULTHARD, RICHARD DANIEL JOHN 2,854,478
COVIDIEN LP 2,815,129
COWENS, WAYNE 2,804,626
CRABTREE, MICHAEL JOHN 2,931,133
CRAGER, MICHAEL 2,804,626
CROCKER, GARY E. 3,037,405
CROUNSE, KENNETH R. 3,050,122
CROWTHER, NICHOLAS JOHN 2,931,133
CSIDENTITY CORPORATION 2,827,478
CUDDY, NATHANIAL C. 2,929,395
CUTTER, CHRISTOPHER 2,985,088
CYSEWSKI, ROBERT 2,879,094
CZARNECKI, ARTUR 3,017,564
DAIICHI SANKYO COMPANY, LIMITED 2,999,982
DAIICHI SANKYO COMPANY, LIMITED 3,001,404
DAIS, BRIAN C. 3,028,466
DAS, SANJOY KUMAR 2,894,536
DASKALOS, MICHAEL C. 2,966,104
DAVIDSON, KYLE ROBERT 3,001,867

Index des brevets canadiens délivrés
28 juillet 2020

DAVIS, JAMES DONALD 3,007,566
DAVIS, JAMES S. 2,939,003
DAVIS, JAMES W. 2,872,622
DAVIS, STEVEN R. 2,822,497
DAVYDOV, ALEXEI 2,878,195
DE COLA, LUISA 2,879,094
DE LEEDE, LEONARDUS GERARDUS JOZEF 2,835,845
DE RIVERO VACCARI, JUAN PABLO 2,863,417
DE SOUSA, MARIO CESAR 2,889,751
DEAN, RICKY H. 2,881,054
DECK, CHRIS 2,949,179
DEEC, INC. 2,865,426
DEGAWA, KATSUHIKO 3,071,227
DEGNAN, THOMAS FRANCIS 2,911,233
DEL CARDAYRE, STEPHEN 2,870,257
DELERIS, MICHEL 2,870,916
DELTA FAUCET COMPANY 3,001,867
DELTA FAUCET COMPANY 3,002,839
DEMSKI, BRIAN M. 2,901,456
DENTSPLY INTERNATIONAL INC. 2,838,654
DEPUY SYNTHES PRODUCTS, INC. 2,891,908
DEREN-LEWIS, ANN 2,928,656
DERKACZ, PATRICK R. 2,915,133
DESY, PHILIPPE 2,902,054
DETNET SOUTH AFRICA (PTY) LTD 2,923,046
DHALL, SANJAY 3,028,466
DIETRICH, EVELYNE 2,894,536
DIETRICH, W. DALTON 2,863,417
DIGITAL LUMENS INCORPORATED 2,816,978
DIL DEUTSCHES INSTITUT FUR LEBENSMITTELTECHNIK E.V. 2,851,557
DINAN, ESMAEL 3,038,086
DINGWELL, LISA 3,050,440
DOHERTY, SHAWN P. 2,985,374
DOLE, DOUGLAS R. 2,863,321
DONMARK HOLDINGS INC. 2,949,765
DONNER, EDWARD JEFFREY 3,002,234
DONOVAN, MICHAEL J. 2,789,053
DORSCH, DIETER 2,862,694
DOW GLOBAL TECHNOLOGIES LLC 2,890,214
DOW GLOBAL TECHNOLOGIES LLC 2,991,983
DOYLE, GORDON 2,950,179
DRAKE, RYAN 2,862,040
DREIZLER, DANIEL 2,878,086
DREIZLER, ULRICH 2,878,086
DUKE, GUY DION 2,982,001
DULLEY, IAIN 2,978,044
DUMITRU, RAZVAN VALERIU 2,753,491
DUNCAN, WILLIAM DAVID 2,914,933
DUNN, DAVID JAMES CARLOS 3,010,333
DUSKA-MCEWEN, GERALYN O. 2,822,497
DZIADEK, SEBASTIAN 2,879,094
E INK CORPORATION 3,050,122
EADS, THAD J. 3,001,867
EAGLAND, DONALD 2,931,133
EARLEY, DRUMMOND 2,995,159
EB IP HYBRITABS B.V. 2,835,845
ECO BIO PLASTICS MIDLAND INC. 3,032,929
ECO RESEARCH INSTITUTE LTD. 3,032,929
ECOLAB USA INC. 2,862,040
ECOLE SUPERIEURE DE PHYSIQUE ET CHIMIE INDUSTRIELLES DE LA VILLE DE PARIS 2,866,364
EDBURY, DAVID ALSTON 3,013,281
EDBURY, DAVID ALSTON 3,013,290
EDC ELECTRONIC DESIGN CHEMNITZ GMBH 2,956,867
EDMISTON, CHRIS 3,019,683
EDWARDS, JOSHUA 3,060,282
EGLE, MARK J. 2,978,581
EICKHOFF, JAN 2,826,464
EINARSSON, ARNI 2,868,528
EISERT, STEFAN 2,853,361
EISSENS, ANKO CORNELUS 2,835,845
ELECTRICITE DE FRANCE 2,968,487
ELEMENTUM 3D, INC. 2,977,288
ELWHA LLC 2,914,933
EMERSON VULCAN HOLDING LLC 2,883,677
EMILI, ANDREW 2,671,298
ENCELL, LANCE P. 2,817,102
ENDO, KYOKO 2,825,382
ENDO, YORI 2,825,382
EOFF, LARRY STEVEN 3,004,403
EPSTEIN, JACOB 3,043,465
ERDMAN, PAUL E. 2,986,141
ERILL SAGALES, NADINA 2,789,053
ESCAICH FERRER, JOSEP 2,879,645
ESKRIDGE, JOSEPH 3,012,247
ESPE, OLIVER 2,921,558
ESTRADA GARCIA, MARIO PABLO 2,818,027
ETEMAD, KAMRAN 2,878,195
ETHICON ENDO-SURGERY, INC. 2,869,890
EUROPATH BIOSCIENCES, S.L. 2,789,053
EVOLUTION ENGINEERING INC. 2,915,133
EVOLUTION ENGINEERING INC. 2,920,912
EWE, SOO CHAIT 3,053,514
EXXONMOBIL CHEMICAL PATENTS INC. 2,895,232
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,911,233
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,974,554
F. HOFFMANN-LA ROCHE AG 2,671,298
F. HOFFMANN-LA ROCHE AG 2,879,094
FABBRI, MATTEO 2,820,330
FADELL, ANTHONY MICHAEL 2,818,696
FAINSHTEIN, MICHAEL 2,965,398
FALCK, JOHN RUSSELL 2,832,422
FAN, CHAO 3,049,488
FARMERS EDGE INC. 2,982,001
FARRITOR, SHANE 2,841,459
FATTAL, DAVID A. 3,007,486
FAUCONNEAU, OLIVIER 3,021,469
FAUNCE, JESSE ALVIN 3,010,333
FAUSETT, M. BARDETT 2,830,527
FERENCZ, DONALD CYRIL, JR. 2,991,289
FERNANDEZ DIAZ, ERLINDA 2,818,027
FERNANDEZ HERNANDEZ, JESUS MIGUEL 2,879,094
FERRER ABIZANDA, ISIDRE 2,789,053
FIGADERE, BRUNO 2,856,701
FILIOT, PIERRE-LOUIS 2,968,487
FILIPPOV, ANDREY 2,962,681
FIORELLO, RON 3,011,548
FISCHER, GREGORY SCOTT 2,604,563
FISCHER, REINER 2,855,948
FISHER, BRYAN TODD 2,981,666
FIVE PRIME THERAPEUTICS, INC. 2,915,665
FLASINSKI, STANISLAW 3,004,022
FLASINSKI, STANISLAW 3,004,030
FLECHTNER, JESSICA 2,885,693
FLETCHER, KRISTIN 3,050,440
FLETCHER, PHILIP 2,931,133
FLYNN, NICHOLAS M. 2,985,374
FONG, VINCENT 2,671,298
FRANKS, WILLIAM P. 2,916,478
FRANTZ, JEFFREY 2,862,526
FRED L., JONES 3,032,929
FREEPORT-MCMORAN INC. 3,027,485
FREY, JENNIFER L. 2,799,834
FRIJLINK, HENDERIK WILLEM 2,835,845
FRITH, BENJAMIN G. 3,065,941
FRITH, TERRENCE G. 3,065,941
FUNAKOSHI, YOKO 2,830,148
FUNG, LEAH 2,986,141
FURUSKOG, JOHAN 2,973,936
FWU, JONG-KAE 2,878,195
FYOCK, DAVID 2,862,526
GAAB, MANUELA 2,891,248
GAGNON-MARTIN, DAVID 2,828,414
GALLAGHER, SHAWN H. 2,965,247
GALLANT, MICHEL 2,894,536
GAMBER-JOHNSON LLC 2,901,456
GAN, PHILIP 2,799,054
GASS, D. BRETT 2,945,121
GATJETZKI, BETTINA 2,831,409
GATZWEILER, ELMAR 2,855,948
GAUDREAU, JEAN-GUY 2,902,054
GEBR. KRALLMANN GMBH 2,874,307
GELFOND, LEONID 2,853,361
GENENTECH, INC. 2,871,436
GENERAL ELECTRIC COMPANY 2,783,438
GENOCEA BIOSCIENCES, INC. 2,885,693
GENOMIC HEALTH, INC. 2,804,626

GEORGE, SAGITHA 2,984,360
GERO, CHARLES E. 2,914,446
GHOSH, BHASKAR 2,917,363
GIBB, CAMERON SEATH 3,058,008
GIBB, JOHN 2,863,321
GIENCKE, WOLFGANG 2,855,948
GILEAD SCIENCES, INC. 2,850,466
GILER, ERIC R. 3,011,548
GILOR, TAL 3,075,493
GIORDANO, JAMES R. 2,869,890
GIRALDEZ, MARIA DOLORES 2,852,850
GIRONELLA, I COS MERITXELL 2,852,850
GIRRELL, BRUCE I. 2,965,105
GLASS, KEITH 2,975,216
GLENNS, ROBERT 2,941,083
GO, JOHNSON 2,985,088
GODDARD, AUDREY 2,804,626
GOETSCH, LILIANE 2,981,821
GOKHALE, SACHIN 2,865,766
GOMANNE, BENOIT JEAN HENRI 2,908,855
GONDER, THOMAS L. 2,979,706
GONZALEZ, ANGEL F. 3,010,931
GOOGLE LLC 2,818,696
GOOGLE LLC 3,005,463
GORDON TECHNOLOGIES, LLC 3,065,941
GORGENS, ULRICH D.I. 2,855,948
GOSSEN, STEFAN 2,988,207
GOTTSCHALK, HAROLD E., JR. 2,827,478
GOUAILLIER, DAVID 3,029,858
GOUNDEN, JONATHAN 2,923,046
GRADINGER, THOMAS 2,820,330
GRAHAM, JOHN AITKEN 2,874,247
GRAMOLINI, ANTHONY 2,671,298
GRANADOS BORBOLLA, NURIA 2,879,645
GRANT, KEVIN JOHN 2,982,001
GRIFFIN, ROBERT 2,941,083
GRUBKA, LAWRENCE J. 2,799,834
GU, ZHENG 3,017,875
GUENETTE, ISABEL 2,818,696
GUERRERO, JOSE VICTOR 3,013,281
GUERRERO, JOSE VICTOR 3,013,290
GUPTA, NIHARIKA 2,934,808
GUPTA, RAGHUBIR PRASAD 2,876,023
GUPTA, SIDHANT 2,804,109
GUTTERGLOVE, INC. 2,863,023
GX TECHNOLOGY CANADA LTD. 2,856,316
HALL, J. CHRISTOPHER 3,008,720
HALL, KATHERINE L. 3,011,548
HALL, MARY 2,817,102
HALLIBURTON ENERGY SERVICES, INC. 2,970,450
HALLIBURTON ENERGY SERVICES, INC. 2,980,119
HALLIBURTON ENERGY SERVICES, INC. 3,004,403
HALLORAN, DANIEL J. 2,991,751
HAMBLETON, JULIE 2,915,665
HAMRICK, EDWARD BRIAN 3,025,016
HAN, CHONG 2,871,436
HAN, SEUNGHEE 2,878,195
HANDER, EDWIN W. 2,830,527
HANDER, JONATHAN W. 2,830,527
HANEMAAYER, VICTOIRE 3,030,670
HARCHI, ABDELKRIM 2,905,652
HARDING, THOMAS 2,915,665
HARMS, STEPHAN 3,001,515
HARRIS CORPORATION 2,965,247
HARUTA, MASAYUKI 2,944,367
HAUSER-HAHN, ISOLDE 2,855,948
HAYES, GERALD R. 3,001,867
HAYES, MARK 2,858,703
HAYES, MICHAEL WILLIAMS 2,929,395
HAZLEHURST, PETER 2,744,547
HE, RUNTAO 2,760,392
HEETER, ROBERT WARREN 2,945,169
HEINEMANN, INES 2,855,948
HEINZ, STEFFEN 2,956,867
HEINZ, VOLKER 2,851,557
HELIN, PHILIP 3,004,717
HEN, DANIEL 2,924,416
HENKEL AG & CO. KGAA 2,883,030
HENZE, NATASCHA 2,883,030
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF HEALTH 2,760,392
HERZ, STEPHANIE 2,890,529
HERZHOFF, CARSTEN 2,999,119
HESS, FRED 2,865,426
HESS, GEORG 2,671,298
HICKS, BONNY 2,939,003
HIDALGO LIMITED 2,650,576
HIGUCHI, CHOJIRO 3,006,708
HODGSON, KIM A. 2,815,714
HOELZEMANN, GUENTER 2,862,694
HOIDAS, MARK 2,834,068
HOLNESS, MARC 3,057,992
HOMMA, MASANAO 2,828,752
HONEYWELL INTERNATIONAL INC. 2,976,193
HONG, HAO 3,049,488
HONG, SUNGRYONG 2,925,273
HONJO, SHIGEFUMI 2,818,696
HORNER, GLENN A. 2,815,129
HOSPITAL CLINIC DE BARCELONA 2,852,850
HOSTELLEY, KEVIN DAVID 2,991,289
HOWARD, PETER 2,650,576
HOWES, MICHAEL B. 2,928,660
HP3 REAL GMBH 2,964,803
HUANG, QIYIN 3,040,685
HUANG, YING 2,976,193
HUANG, YITENG 3,005,463
HUAWEI TECHNOLOGIES CO., LTD. 2,991,208
HUBBELL INCORPORATED 2,827,473
HUBERMAN, SEAN 3,049,062
HUECK RHEINISCHE GMBH 2,921,558
HUECK RHEINISCHE GMBH 2,923,315
HUEDIG, HENDRIK 2,671,298
HUGO, DEON 2,983,200
HULL, JEFFREY E. 2,880,253
HUMAN MED AG 2,818,640
HUSSMANN CORPORATION 2,922,269
HYDE, RODERICK A. 2,914,933
IACOBELLI, NICHOLAS 2,776,503
IBRAHIM, HASNOL 3,006,621
IDEA BOXX, LLC 3,007,499
IGISU CO., LTD. 2,825,382
IHI CORPORATION 3,017,323
ILLINOIS TOOL WORKS INC. 2,975,317
IMIG, JOHN DAVID 2,832,422
IMPERIAL OIL RESOURCES LIMITED 2,974,554
IMPULSTEC GMBH 2,853,361
INDIAN SPACE RESEARCH ORGANISATION 3,007,601
INIT INNOVATIVE INFORMATIKANWENDUNGEN IN TRANSPORT-, VERKEHRS- UND LEITSYSTEMEN GMBH 2,957,606
INNOBIO CORPORATION LIMITED 3,049,488
INNOGY SE 3,017,564
INNOVAPREP LLC 2,999,521
INNOVATIVE BUILDING TECHNOLOGIES, LLC 3,015,809
INSITU, INC. (A SUBSIDIARY OF THE BOEING COMPANY) 2,920,359
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 2,845,549
INSTITUTE FOR RESEARCH IN BIOMEDICINE 2,841,551
INSTRUMENTATION LABORATORY COMPANY 2,843,155
IOGEN ENERGY CORPORATION 2,941,083
IRIE, TAKAYUKI 2,830,148
ISCAR LTD. 2,924,416
ISHIGE, KAZUYA 2,942,283
ISHIKAWA, NOBUYUKI 3,025,611
ISHIMARU, SHINTARO 2,944,367
ISSERLIN, RUTH 2,671,298
ITEN, JEREMY JOSEPH 2,977,288
ITOOKA, RYO 2,999,982
IVASHUTA, SERGEY I. 2,729,713
IWAMOTO, YUKIMASA 3,032,563
JADS INTERNATIONAL LLC 2,932,338
JAMALI, SEYED HAMIDREZA 2,847,384
JAMES, KOWALCZYK 3,032,929
JAMES, MICHAEL EDWIN 3,060,368
JANBON, SOPHIE 3,014,357
JAPAN TOBACCO INC. 3,025,611
JCAI INC. 2,863,052
JCBD, LLC 3,002,234
JEON, BYEONGMOON 2,968,765
JEON, HYUN K. 2,890,214
JEON, YONGJOON 2,968,765
JEYACHANDRAN, SENTHIL KUMAR 2,917,363
JOACHIM, REMI 2,890,551

JOHNSON & JOHNSON VISION CARE, INC. 2,822,461
JOHNSON, DENNIS 2,815,714
JONES, DAVID E. 2,970,005
JONSON, HUGH 2,865,426
JORDAN, MATTHEW JOSEPH 2,945,169
JORGENSEN, ROBERT JAMES 2,991,983
JOSEL, HANS-PETER 2,879,094
JOY, ABRAHAM 2,865,766
JULIEN, ANDRE 2,783,030
KABANNIK, ARTEM VALERYEVICH 2,815,714
KAGOSHIMA, YOSHIKO 2,999,982
KAMPF, MARCUS 2,847,457
KAPLAN, DAVID 2,738,496
KAPP, KERSTIN 2,822,377
KAPUR, MRIDULA 2,991,983
KARALIS, ARISTEIDIS 3,011,548
KARE, JORDIN T. 2,914,933
KARIMI, KAMIAR J. 3,010,495
KARUKAPADATH MOHAMEDRASHE, ANNERVAZ 2,934,808
KAS, KOEN 2,746,128
KATUS, HUGO 2,814,967
KAZALA, RICHARD MARVIN, JR. 2,854,478
KAZEMI MIRAKI, MOJTABA 2,915,133
KAZEMI MIRAKI, MOJTABA 2,920,912
KCI LICENSING, INC. 2,842,958
KCI LICENSING, INC. 2,854,478
KEANE, ROBERT W. 2,863,417
KELLERMAN, BRAD M. 2,891,257
KELLEY, JOHN 2,883,677
KELLY, FRANK 2,804,109
KENINGLEY, STEPHEN THOMAS 2,813,791
KENNEDY, DENNIS M. 3,004,423
KEOSHKERIAN, BARKEV 2,947,277
KERR, DUANE E. 2,815,129
KERSHNER, DAVID 2,879,107
KESLER, MORRIS P. 3,011,548
KESSLER, GARY CLARK 2,970,005
KETELSON, HOWARD ALLEN 2,872,622
KHERA, MANOJ KUMAR 2,999,982
KHORIAKOV, VITALY 2,962,681
KHORYAEV, ALEXEY 2,939,248
KHOSRAVI SIMCHI, SEPIDEH 2,977,859
KIEFER, MICHAEL C. 2,804,626
KIEST, LARRY W., JR. 3,011,292
KIFT, JULIAN ROBERT 2,821,079
KIM, HONG WOO 2,868,156
KIM, JUNG-HO 2,868,156
KIM, JUNGSUN 2,968,765
KIM, SE WON 2,868,156
KIMBLE, DAVID M. 2,979,706
KINDERSLEY, PETER GEOFFREY 2,973,933
KING, BRUCE A. 2,890,214
KINSMAN, ANTHONY J. 2,945,121
KIRWAN, TYLER P. 2,962,254
KISLINGER, THOMAS 2,671,298
KITZ, WERNER 3,031,990
KLEIJN, WILLEM BASTIAAN 3,005,463
KLEIN, THOMAS 2,845,066
KLEINECKE, JOHN C. 2,966,104
KLEUSS, CHRISTIANE 2,822,377
KLIEWER, CHRISTINE E. 2,895,232
KNEPPER, CURT 2,862,526
KNUTSON, KELLY J. 2,945,121
KO, WOOSUK 2,925,273
KOCH, DALE 2,985,359
KOCH, ROGER 2,985,359
KOCH, UWE 2,826,464
KOCKLAR, MATTHIAS 3,001,515
KOENIG, GEORG 2,957,606
KOH, JONG SUNG 2,868,156
KOIZUMI, MAKOTO 3,001,404
KOMATSU LTD. 2,934,879
KONOFAL, ERIC 2,856,701
KONOSU, TOSHIYUKI 2,999,982
KOROVIN, ALEXEI 2,970,450
KORTSCHACK, FRITZ 2,851,557
KOSHELLEK, TOM 2,858,703
KOSTE, LARS 2,890,529
KOSTUR, MILAN 2,891,248
KOUSHIK, VIJAYARAGHAVAN 2,917,363
KRAFT FOODS SCHWEIZ HOLDING GMBH 2,848,303
KRALLMANN, KERSTIN 2,874,307
KRALLMANN, RAINER 2,874,307
KRAMER, ERIC 2,939,003
KREMERS, STEPHAN 2,988,207
KRUSE, DARIN R. 2,837,863
KRZEMINSKI, MAREK ANDRZEJ 2,871,507
KULIKOWSKI, KONRAD J. 3,011,548
KURIAN, ITTOOP J. 2,917,363
KURS, ANDRE B. 3,011,548
KUSHEVSKY, MIKHAIL 2,965,398
KUZNETSOV, OLEKSANDR V. 2,999,159
KWAK, MINSUNG 2,925,273
LAAKKONEN, PASI 2,897,144
LABORATOIRE DE LA MER 2,886,763
LAGRANGE, TIMOTHY E. 3,020,136
LAIL, MARTY ALAN 2,876,023
LAITRAM, L.L.C. 2,833,488
LANDIS+GYR INNOVATIONS, INC. 2,919,260
LANDIS+GYR INNOVATIONS, INC. 2,939,003
LANDMARK GRAPHICS CORPORATION 2,962,681
LANGER, THOMAS 3,014,357
LANGLOIS, DAVID 2,868,528
LANZ, JOSHUA J. 2,862,040
LANZAVECCHIA, ANTONIO 2,841,551
LAPEYRE, ROBERT S. 2,833,488
LARSON, CHRISTOPHER L. 3,058,008
LASALLE, GREG 2,933,547
LAURSEN, PAUL 2,975,216
LAUTERBACH, GARY R. 3,060,368
LEAD DISCOVERY CENTER GMBH 2,826,464
LEBLANC, ALEXANDER 3,055,794
LECORDIX, JEAN-LOIC HERVE 2,880,146
LEDET, CHARLES J. 2,833,488
LEE, CHIAO M. 2,922,269
LEE, HEE KYU 2,868,156
LEE, IN YONG 2,868,156
LEE, JAEKYOO 2,868,156
LEE, JANGWON 2,925,273
LEE, MARK 2,804,626
LEHIKOINEN, ANSSI 2,897,144
LEHMAN, AMY 2,841,459
LEHMAN, ROBERT 2,985,088
LEHR, STEFAN 2,855,948
LEHTINEN, DUANE 2,866,239
LEIA INC. 3,007,486
LEMAY, JOSEPH 3,043,465
LENNEY, ROBERT C. 2,863,023
LEONETTI, CLAUDE 2,880,145
LEROYER, BERTRAND PIERRE MARTIN 2,880,145
LEUGEMORS, EDWARD 2,815,714
LEVACHE, BERTRAND 2,866,364
LEVI, ALLAN 2,863,417
LEVINE, ALEXANDRA MICHELE 2,932,338
LEVINE, ANDREW SETH 2,932,338
LG ELECTRONICS INC. 2,925,273
LG ELECTRONICS INC. 2,968,765
LI, QIANG 3,011,548
LI, SIZHONG 3,040,685
LI, XUEJIAN 3,007,486
LI, XUGUANG 2,760,392
LI, YANLONG 3,010,333
LI, YIMIN 3,049,488
LICHTBERGER, BERNHARD 2,964,803
LIE, SEAN 3,060,368
LILL, KIRSTEN AGNES 2,883,030
LIM, DENNIS 3,053,514
LIM, JAEHYUN 2,968,765
LINDELL, STEPHEN DAVID 2,855,948
LINDENA, BERND HEIKO 2,845,066
LING, LEI 3,003,616
LINK, BOBBY 2,815,714
LIU, BINGCAN 2,894,536
LIU, JILI 2,920,912
LIU, PETER 2,671,298
LIU, SHENGYI 3,010,495
LIU, WEIQUN 3,047,189
LIU, YONGCHAO 3,040,685
LIVAC PTY LTD 2,799,054
LMK TECHNOLOGIES, LLC 3,011,292
LOCKE, CHRISTOPHER BRIAN 2,842,958
LOCKE, CHRISTOPHER BRIAN 2,854,478
LOGAN, AARON W. 2,915,133
LOGAN, AARON W. 2,920,912
LOGAN, JUSTIN C. 2,915,133
LONG, CHARLES F. 2,884,695
LONG, DEBORAH 2,885,693
LONGHI, ELENA 2,879,094
LOSEE, PETER 2,783,438
LOWE'S COMPANIES, INC. 3,011,599
LOZANO SALVATELLA, JUAN JOSE 2,852,850
LU, HUNG JUNG 3,027,485

Index of Canadian Patents Issued
July 28, 2020

LU, QIWEI 2,826,901
LUBRIZOL ADVANCED MATERIALS, INC. 2,826,901
LUCKEMEYER, JAMES A. 2,854,478
LUDLOW, JED 2,975,216
LUEBS, ALEJANDRO 3,005,463
LUFTHANSA TECHNIK AG 2,831,409
LUHARUKA, RAJESH 2,815,714
LUNDBERG, KENNETH 3,063,515
LUNTTILA, TIMO ERKKI 2,925,372
LUO, HAO 2,991,208
LUO, JIAN 3,003,616
LUPKE, MANFRED A. A. 2,857,699
LUPKE, STEFAN A. 2,857,699
LUTES, JASON J. 2,870,257
LUTZ, CHRISTIAN 2,999,119
MA, MING 3,007,486
MA, SARAH 2,985,374
MACDONALD, DUNCAN CHARLES 3,013,281
MACDONALD, DUNCAN CHARLES 3,013,290
MACLENNAN, DAVID 2,671,298
MADAU, GIACOMO 2,905,652
MADDALA, TARA 2,804,626
MAGNUM MAGNETICS CORPORATION 2,864,101
MAIN, BRIAN DAVID 2,981,666
MAJIMA, SHINYA 2,924,416
MAKARYCHEV-MIKHAILOV, SERGEY 2,815,714
MALLORY, ROBERT WILLIAM 2,985,088
MALONEY, LAUREL 2,821,571
MALONEY, PAUL 2,821,571
MALONEY, TIM 2,821,571
MANERA, DAVID 2,879,107
MANGALORE, GEETHA 2,916,478
MANIAR, PARIKSHIT 2,917,363
MANSOURI, SOHRAB 2,843,155
MANSTEIN, DIETER 3,018,297
MANZAR, AHMAD SAUD 3,049,062
MAPSTED CORP. 3,049,062
MARIAPPAN, GANESH 2,917,363
MAROLLE, PHILIPPE 2,880,145
MARS, INCORPORATED 2,862,526
MARTEL, JULIEN 2,894,536
MARTIN, DANIEL GEORGE 2,856,316
MARTINEZ PUIG, DANIEL 2,879,645
MARTINS, ANDREW ANTHONY 2,850,466
MARTINSONS, VALDIS ANDRIS 2,965,398
MARXEN, MARTIN 2,923,315
MASCO CANADA LIMITED 2,981,666
MASSIE, JOSEPH EDWARD 2,862,526
MAST, GREGORY MARTIN 3,012,247
MASTERCARD INTERNATIONAL INCORPORATED 2,984,360
MASTERCARD INTERNATIONAL INCORPORATED 3,004,423
MASUDA, NOBUHISA 2,999,982
MATHUR, TARUN 2,999,982
MATLOCK, BENJAMIN 3,017,564
MATOCHA, KEVIN 2,783,438
MATOUSEK, ROBERT 2,828,752
MATSUO, MASAFUMI 3,001,404
MATSUOKA, YOKY 2,818,696
MATSUSHITA, TAKAMICHI 3,032,929
MATTHIESEN, INGE 2,818,640
MAYR, PETER 2,977,833
MAZIADE, ERIC 2,765,998
MCCARTHY, BEN 2,949,591
MCCLURE, REBECCA F. 2,962,254
MCCORKLE, ERIC DEWAYNE 3,071,793
MCCORMICK, RYAN 2,841,459
MCCOY, DONALD P. 3,060,184
MCDONALD, SIMON P. 2,838,654
MCHARGUE, TIM 2,778,001
MCL SYSTEMS LIMITED 2,800,821
MCLEAN, MICHAEL D. 3,008,720
MCLENNAN, PAUL 2,981,666
MCMAHON, JAMES 2,783,438
MCNAUGHTON, BRETT 3,006,790
MCNULTY, AMY K. 2,842,958
MCP IP, LLC 2,858,703
MCPHERSON, MATHEW A. 2,858,703
MCQUILKIN, GARY LEE 2,862,526
MCW RESEARCH FOUNDATION, INC. 2,832,422
MEADOWS, DAVID L. 2,872,622
MEADOWS, JEREMY LYNN 3,071,793
MEDIC ACTIV VERTRIEBS GMBH 2,845,066
MEHER, PRATIKSHA SHIVAJI 3,004,403
MEMMOLO, MARCELLO 2,891,908
MERCK PATENT GMBH 2,862,694
MERCURIO, FRANK 2,986,141
MESHER, DAREL 2,892,885
MESSERLY, JEFFREY D. 2,869,890
METAOPTIMA TECHNOLOGY INC. 2,977,859
MEZENGE, LUC 2,966,066
MICHELSEN, ERIK 2,929,056
MICHIE, WILLIAM J. 2,991,983
MICROFLUIDICS INTERNATIONAL CORPORATION 2,951,842
MICROSEC SZAMITASTECHNIKAI FEJLESZTO ZRT. 2,893,709
MICROSOFT TECHNOLOGY LICENSING, LLC 2,908,007
MICROTURBO 2,890,551
MILLER, FREDA 2,738,496
MIMURA, HIDEKAZU 2,917,764
MINALE, MASSIMO 2,978,044
MINASSI, ALBERTO 3,020,387
MINER ENTERPRISES, INC. 2,957,761
MINERS, WILLIAM BEN 2,847,384
MINIMAX GMBH & CO. KG 3,007,221
MITSUI CHEMICALS, INC. 3,006,708
MIZRACHI, DAVID 3,075,493
MOLOGEN AG 2,822,377
MONROE, TERRY D. 3,001,854
MONSANTO TECHNOLOGY LLC 2,729,713
MONSANTO TECHNOLOGY LLC 3,004,022
MONSANTO TECHNOLOGY LLC 3,004,030
MONSEN, STEIN KYRRE 2,929,056
MOOG INC. 2,991,751
MOON, KYOUNGSOO 2,925,273
MOORLAG, CAROLYN 2,947,277
MOREAU, OLIVER 2,966,066
MORENCY, VINCENT 2,950,179
MOREY, JOHN D. 2,862,040
MORGAN, FREDERICK 2,816,978
MORONEY, PAUL 2,916,478
MORPHO 2,844,762
MORRISON, MICHAEL 3,060,368
MORROW, JAY 2,865,426
MOSSOBA, MICHAEL 3,060,282
MOST, PATRICK 2,814,967
MOTOROLA SOLUTIONS, INC. 3,053,514
MOTOROLA SOLUTIONS, INC. 3,075,493
MOTOYAMA, HIROTO 2,917,764
MOUMNEH, KAMAL 2,917,137
MTD PRODUCTS INC. 3,004,717
MUELLER INTERNATIONAL, LLC 3,010,333
MUELLER, PETER M. 2,815,129
MUELLER, ULRICH 2,891,248
MUINONEN, KARI 2,950,179
MULLER, TIM 2,853,361
MULTIMECHAS, S.L. 2,870,376
MUNOZ BLANCO, EDUARDO 3,020,387
MURAN, JOHN W. 2,883,677
MURUGESAN, THANGARAJU 2,963,423
MUSKIVITCH, JOHN CONRAD 3,012,247
MUTHUVELU, SWAMI 2,800,821
MYCARTIS NV 2,746,128
NAGEL, ROBERT 2,862,526
NAITO, TOSHIYUKI 3,017,323
NAKATANI, ERIKA 3,032,563
NEILLY, PATRICK 2,769,586
NELSON AND NELSON ENTERPRISES, LLC 2,860,071
NELSON, JAMES Q. 2,860,071
NEOGEN CORPORATION 2,937,026
NESTLERODE, GREG S. 2,826,901
NEUBERT, MARCO 2,956,867
NEUMANN, HAROLD 2,941,083
NEUSS, ANDREAS 2,874,307
NEVIN, DONALD 2,925,872
NEVVONEN, OLGA VLADIMIROVNA 2,815,714
NEWSWANDER, MICHAEL R. 2,970,005
NEXTLIFE WEARABLES LIMITED 2,949,591
NGM BIOPHARMACEUTICALS, INC. 3,003,616
NIKE INNOVATE C.V. 3,054,453
NIPPON STEEL CORPORATION 2,994,521
NISSAN MOTOR CO., LTD. 3,001,278
NISSAN MOTOR CO., LTD. 3,008,770

NISSAN MOTOR CO., LTD. 3,071,227
NITTA, JUN 2,994,521
NLS PHARMA AG 2,856,701
NOEL, FREDERIC 2,889,751
NOJIRI, TAKAHIRO 3,071,227
NOKIA SOLUTIONS AND NETWORKS OY 2,925,372
NOLAN, DAVID A. 2,991,495
NOLTE, MATHIAS 2,831,409
NORMAN, JASON B. 3,013,281
NORMAN, JASON B. 3,013,290
NOVA CHEMICALS CORPORATION 2,834,068
NOVAMONT S.P.A. 2,866,826
NOVELIS INC. 2,985,088
NR ELECTRIC CO., LTD 3,047,189
NR ENGINEERING CO., LTD 3,047,189
NTT DOCOMO, INC. 2,973,344
NUECHTERLEIN, JACOB S. 2,977,288
NUSSBAUMER, PETER 2,826,464
OB TECHNOLOGIES, LLC. 2,830,527
OFINNO, LLC 3,038,086
OGAWA, RYOHEI 3,006,708
OILFLOW SOLUTIONS INC. 2,931,133
OLEYNIKOV, DMITRY 2,841,459
OPHTIMALIA 2,966,066
ORPHAN DISEASE TREATMENT INSTITUTE CO., LTD. 3,001,404
ORTIZ, JORGE ISAAC 3,010,333
OSCOTEC, INC. 2,868,156
OSSUR HF 2,868,528
OWEN OIL TOOLS LP 3,020,136
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,799,834
OZANNE, JEFFREY A. 2,858,703
PACIFIC COAST BUILDING PRODUCTS, INC. 2,714,683
PACKINGHAM, ZACHARY A. 2,999,521
PADILLA, FELIPE FLORENCIA 3,010,931
PADRO, KENNY 2,827,473
PAGE, ANDREW EDWARD 2,999,521
PAGGIOS, KONSTANTINOS 2,848,303
PAGLIARINI, MICHAEL D. 3,007,566
PAION UK LIMITED 2,874,247
PALM, THOMAS 2,831,409
PALOU OLIVER, ANDREU 2,879,645
PAN, GUOZHEN 3,040,685
PANAGIOTOU, THOMAI 2,951,842
PANTOJA LEON, ANGELICA 2,947,137
PARASONIC LTD. 2,828,232
PARIS, MARYLINE 2,738,496
PARK, JOONYOUNG 2,968,765
PARK, SEUNGWOOK 2,968,765
PARRY, WILLIAM W. 3,012,132
PARVULESCU, ANDREI-NICOLAE 2,891,248
PASQUETTE, FRANCK 2,966,066
PASQUIER, LUDOVIC 2,890,551
PATANKAR, KSHITISH A. 2,890,214
PATEL, SHWETAK N. 2,804,109
PATEY, ALAIN 2,844,762
PATHAK, ANSHU 2,950,179
PATIL, NAMRATA 2,915,665
PATTERSON, CHAD J. 2,882,943
PAUGOIS, PHILIPPE E. 2,821,869
PAUL, NICOLAS 2,968,487
PEACOCK, THOMAS 2,874,247
PEARCE, KEN A. 2,933,547
PEARSON, STEPHEN 2,848,303
PEASE, MATTHEW 3,012,247
PEDLEY, MARK 2,949,591
PELHAM, ROBERT J. 2,804,626
PERGAL, FRANK J. 3,011,548
PERLMAN, STEPHEN G. 2,856,772
PERLMAN, STEPHEN G. 2,933,547
PERNITES, RODERICK B. 3,010,931
PERVEZ, MOHAMMED 3,014,357
PETUKHOVA, GALINA GENNADIEVNA 2,815,714
PFANNER SCHUTZBEKLEIDUNG GMBH 2,879,246
PFANNER, ANTON 2,879,246
PHILIP MORRIS PRODUCTS S.A. 2,963,423
PIEPGRAS, COLIN 2,816,978
PIERCE, KRISTEN 2,915,665
PIERRE FABRE MEDICAMENT 2,879,595
PIERRE FABRE MEDICAMENT 2,981,821
PIETERMAN, KAREL 2,922,623
PILAREK, FRANK-OLIVER 2,883,030
PIRETTI, GIANCARLO 2,851,017
PIRON, CAMERON ANTHONY 2,973,128
PISANI, JUSTIN 2,650,576
PLANKTONIC AS 2,924,337
PLOEMEN, INGMAR HUBERTUS JOSEPHINA 2,821,079
PODDER, SANJAY 2,934,808
POHL, MATTHIAS 3,007,221
POISSON, CARL 2,894,536
POKORSKI, ROBERT J. 2,957,761
POLARIS INDUSTRIES INC. 2,945,121
POLEGANOV, MARCO 2,890,529
POLISETTY, RAGHU R. 2,917,363
POMMIER, NICOLAS 2,889,751
PONTZER, DAVID 2,862,526
PORCHIA, JOSE 3,028,466
PORITZ, MARK AARON 2,970,005
PORTER, DAVID 2,862,904
PORTER, SCOTT P. 2,928,660
PRADHAN, SIVARAM 2,969,616
PRASAD, RAJENDRA T. 2,917,363
PRASAD, VIC 3,058,008
PRATHAP, V S 3,007,601
PRATT & WHITNEY CANADA CORP. 2,783,030
PRATT & WHITNEY CANADA CORP. 2,828,414
PRATT, BENJAMIN A. 2,854,478
PRAYON SA 2,934,215
PRESTAYKO, RACHEL 2,947,277
PRICE, RICHARD H. 2,884,695
PRO-CORD S.P.A. 2,851,017
PROMEGA CORPORATION 2,817,102
PROULX, MARK PHILLIP 2,939,960
PROVIA DOOR, INC. 3,025,922
PULE, MARTIN 2,941,159
PULSAR VASCULAR, INC. 3,012,247
PYRCZ, MICHAEL J. 2,778,001
QUALCOMM INCORPORATED 2,914,357
QUANTA ASSOCIATES, L.P. 2,965,105
QUATTROPANI, ANNA 2,875,132
QUITERIO, MEGROSE 2,815,714
QURESHI, SALEEM 3,028,466
R&L CARRIERS, INC. 2,949,179
RAMTOHUL, YEEMAN K. 2,894,536
RANDALL, PETER 2,920,426
RANGARAJAN, REKHA 2,872,622
RANPAK CORP. 3,003,580
RAPAKA, KRISHNAKANTH 2,914,357
RASHID, CHARLES 2,880,902
RASHID, KAZI 2,970,450
RASMUSSEN, RANDY P. 2,970,005
RAZAVET, XAVIER 2,966,066
RAZMARA, MAJID 2,977,859
RAZZABONI, NICOLETTA 2,911,279
RAZZABONI, VITTORIO 2,911,279
REARDEN MOVA, LLC 2,933,547
REARDEN, LLC 2,856,772
REDDY, THUMKUNTA JAGADEESWAR 2,894,536
REED, JORDAN 2,744,547
REEVES WIRELINE TECHNOLOGIES LIMITED 2,781,957
REG LIFE SCIENCES, LLC 2,870,257
REGAN, CASEY CHARLES 2,935,382
REICHARD, PAUL 2,949,765
REINHOLD, JABIN D. 2,965,105
REISS, DANIEL JONATHAN 2,828,752
REITER, DANIEL 3,001,515
REJMAN, MARCIN 2,828,414
REMPPIS, ANDREW 2,814,967
RENDONE, NICOLE 3,054,453
RENNARD, DAVID C. 2,974,554
RENON, OLIVIER 2,889,751
RESANO ARTALEJO, FERNANDO JOSE 2,883,030
RESCHKE, ARLEN J. 2,815,129
RESEARCH TRIANGLE INSTITUTE 2,876,023
REU, GENE 2,891,257
REYNES MIRALLES, BARBARA 2,879,645
REYNOLDS, MATTHEW S. 2,804,109
RHONEMUS, TROY 2,928,656
RICHARD, GABRIELLE 3,008,720
RIESSELMAN, PETER 2,865,426
RIRIE, KIRK M. 2,970,005
RITCHART, MARK A. 2,880,253
RIVERS, JONATHAN 2,945,169
ROBEL, ROBB 2,865,426
ROBERS, MATTHEW B. 2,817,102
ROBERTS, BENJAMIN JAMES 2,850,466
ROBERTS, JONATHAN 2,991,751
ROBINSON, TIMOTHY MARK 2,842,958
ROBINSON, TIMOTHY MARK 2,854,478
ROCKET INNOVATIONS, INC. 3,043,465
ROCSOLE LTD. 2,897,144
RODRIGUEZ MALLON, ALINA 2,818,027
ROGER, THIERRY 2,795,646

Index of Canadian Patents Issued
July 28, 2020

ROGERS, JAMES BRYON 3,013,281
ROGERS, JAMES BRYON 3,013,290
ROGERS, MATTHEW LEE 2,818,696
ROLESU, GIORGIO 2,905,652
ROLLS-ROYCE CORPORATION 2,945,169
ROSE, JED E. 2,963,423
ROSE, SETH D. 2,963,423
ROSENBERG, VICTOR 2,840,647
ROSINGER, CHRISTOPHER HUGH 2,855,948
ROSKO, MICHAEL SCOT 3,001,867
ROSKO, MICHAEL SCOT 3,002,839
ROY, MADELEINE 2,765,998
RUGGIERI, MICHAEL 2,879,107
RUHTER, GERD 2,826,464
RUMMER, DOUGLAS WILLIAM 2,864,101
RUMP, GREGORY 2,925,934
RUN WAY SAFE IPR AB 2,985,374
RUPRECHT-KARLS-UNIVERSITAT HEIDELBERG 2,814,967
RYUMAN, MITSUHIRO 2,934,879
S&C ELECTRIC COMPANY 2,862,904
S&L ACCESS SYSTEMS AB 3,063,515
S.C. JOHNSON & SON, INC. 3,028,466
SAADOUN, FABRICE 3,075,493
SABOO, T 3,007,601
SADAKARI, KEI 3,025,611
SADEGHI, MARYAM 2,977,859
SAFIE, STEVE A. 2,880,902
SAHIN, UGUR 2,890,529
SAHLIN, HENRIK 2,973,936
SAINIS, SUNIL KRISHNA 3,050,122
SAINT-GOBAIN GLASS FRANCE 2,988,207
SAKUHUNI, GIVEMORE 2,974,554
SALAZAR, RUBEN 2,919,260
SALIS, KEITH A. 2,957,761
SALLENT PUIGCERCOS, PERE 2,942,291
SALYERS, ERIC J. 2,965,247
SAMPSON, KIMBERLY S. 2,753,491
SAMPSON, KIMBERLY S. 2,866,239
SAMWORTH, JAMES ROGER 2,781,957
SANDVIK, PETER 2,783,438
SANTACESARIA, MARK 2,991,751
SARKAR, SUMAN 2,744,547
SATO, KAZUSHI 2,970,080
SATO, MASASHI 3,001,278
SATTIGERI, JITENDRA A. 2,999,982
SAVAGE, JOHN KEITH 2,980,119
SAWA, AYAKO 2,830,148
SAWA, MASAAKI 2,830,148
SAWASKI, JOEL D. 3,002,839
SCHAFFER, PAUL 3,030,670
SCHATZ, DAVID A. 3,011,548
SCHIEMANN, KAI 2,862,694
SCHLENTER, CRAIG CHARLES 2,923,046
SCHLUMBERGER CANADA LIMITED 2,815,714
SCHMIDT, JOSEPH H. 2,881,054
SCHMIDT, ULRICH 2,957,606
SCHNEIDER, NINA 2,831,409
SCHOEDL, ERICH A. 2,957,761
SCHOONMAKER, RYAN 2,759,585
SCHROFF, MATTHIAS 2,822,377
SCHULTZ, ANDREW 2,862,040
SCHULTZ-FADEMRECHT, CARSTEN 2,826,464
SCOTT, ROBERT WILLIAM 2,850,466
SEIDEL, CHRISTOPH 2,879,094
SEMBER, JAMES W. 2,862,904
SENGUPTA, SHUBHASHIS 2,934,808
SERCEL 2,795,646
SERRA, VINCENT 2,888,391
SHAH, SALIK 3,060,282
SHAK, STEVEN 2,804,626
SHAMMAI, HOUMAN 2,969,616
SHAPIRO, DORON 2,922,269
SHARP, ROBERT 2,815,129
SHEDDEN, ARTHUR H., JR. 2,822,461
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,872,456
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,013,281
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,013,290
SHEN, JIAN-PING 2,876,023
SHENG, ZHAOCHENG 2,976,193
SHI, XIANGJIAN 3,047,189
SHI, YIJIAN 2,985,374
SHINAGAWA REFRACTORIES CO., LTD. 3,032,563
SHINO, TATSUYA 3,071,227
SHIRAKAMI, SATOSHI 2,994,521
SHTEIN, EVGENY 3,075,493
SIBU, M S 3,007,601
SIEMENS AKTIENGESELLSCHAFT 2,847,457
SIEMENS AKTIENGESELLSCHAFT 3,031,990
SILVEIRA, SCOTT J. 2,999,159
SINCHOK, JOHN 2,978,581
SINGH, INDERJIT 2,991,751
SITTON, DONALD RAY 3,013,281
SITTON, DONALD RAY 3,013,290
SIVAKUMAR, SRINIVASAN 2,917,363
SKOBERNE, MOJCA 2,885,693
SKOGLUND, JAN 3,005,463
SKRIPITSYNA, MARIYA ANDREEVNA 2,833,764
SLATER, MICHAEL R. 2,817,102
SLOO, DAVID 2,818,696
SMILEY, RANDOLPH J. 2,911,233
SMITH, KRISTEN 2,738,496
SMITH, NATHAN E. 3,007,499
SMITH, STEWART BENJAMIN 2,970,005
SNECMA 2,880,145
SNECMA 2,880,146
SNECMA 2,889,751
SNECMA 2,908,855
SOFTBANK ROBOTICS EUROPE 3,029,858
SOKOLOFF, PIERRE 2,879,595
SOLJACIC, MARIN 3,011,548
SOLODOVNIK, EUGENE V. 3,010,495
SONEDA, TSUYOSHI 2,999,982
SONG, HO-JUHN 2,868,156
SONG, HUN 2,799,834
SONY CORPORATION 2,970,080
SOURBES, GUILLAUME 2,902,054
SPECIALIZED DESANDERS INC. 3,006,790
SPECIALTY LUBRICANTS CORP. 2,978,581
SPECK, JOHN 2,933,547
SPENCER, DOUGLAS W. 2,965,105
STAUDER, FRANK 2,981,666
STEFFEN, SEBASTIAN 2,831,409
STEINBRUECK, BRETT 3,019,683
STEINMULLER, DETLEF 3,038,816
STEINMULLER-NETHL, DORIS 3,038,816
STEWART, DONALD J., JR. 2,930,276
STODDARD, ROBERT B. 2,815,129
STOFFEL, WOLFGANG 2,923,315
STONE, MICHAEL R. 2,914,446
STONE, MORRIS 3,020,136
STOUGH, JOHN 2,862,526
STRABALA, KYLE 2,841,459
STRANDBERG, MICHAEL 3,063,515
STREET, NORMAN E. 2,922,269
STREHLOW, LUTZ 3,030,664
STRNAD, MICHAEL 2,985,359
STUDER, VINCENT 2,866,364
STULEN, FOSTER B. 2,869,890
STUM, ZACHARY 2,783,438
STURENBURG, ERICH 3,001,515
SU, YANG 2,951,842
SUDHAKAR, VIJILA 2,984,360
SUEN, YAT FAN 2,880,410
SULLIVAN, GARY J. 2,908,007
SULLIVAN, ROBERT 2,986,141
SUNDARARAMAN, RAMANATHAN 2,911,233
SURESH, RADHIKA 2,999,159
SURGISENSE CORPORATION 2,604,563
SUTHRAM, SIVA 2,939,003
SUZUKI, TAKASHI 2,685,192
SUZUKI, TETSUYA 2,999,982
SUZUKI, YOSHINORI 2,973,344
SWAIN, JEFF 2,821,008
SWINNEN, DOMINIQUE 2,875,132
SWITZER, DAVID A. 2,915,133
SWITZER, DAVID A. 2,920,912
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,973,128
TAKAMA, YASUFUMI 3,041,976
TAKEDA, HIROSHI 3,001,278
TAKESHIMA, YASUHIRO 3,001,404
TAKHIM, MOHAMED 2,934,215
TAN, THIOW KENG 2,973,344
TANAKA, CHIKA 2,830,148
TANAKA, HISAKI 2,942,283
TAPCOENPRO, LLC 3,071,793
TAPPER, RENATE 2,956,867
TDW DELAWARE, INC. 2,975,216

Index des brevets canadiens délivrés
28 juillet 2020

TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 2,973,936
TELFER, STEPHEN J. 3,050,122
TELLIO, KARALYN R. 2,869,890
TETRA TECH, INC. 2,892,885
THAYER, REBECCA 2,866,239
THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM 2,832,422
THE BOEING COMPANY 2,929,395
THE BOEING COMPANY 2,935,382
THE BOEING COMPANY 2,939,960
THE BOEING COMPANY 3,007,566
THE BOEING COMPANY 3,010,495
THE CHILDREN'S HOSPITAL OF PHILADELPHIA 2,776,503
THE CLIMATE CORPORATION 2,985,359
THE GENERAL HOSPITAL CORPORATION 3,018,297
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,671,298
THE HOSPITAL FOR SICK CHILDREN 2,738,496
THE UNIVERSITY OF AKRON 2,865,766
THE UNIVERSITY OF TOKYO 2,917,764
THERMTECH HOLDINGS AS 2,929,056
THIART, JACOB JOHANNES 2,911,233
THIELE, MARTIN 2,848,303
THOMAS, JOHN E. 2,862,040
THOMAS, SIMON 2,941,159
THOMASSIN, JEAN 2,783,030
THOMPSON, WHIP CLINTON GALEN 2,821,079
TIAN, HUI 3,003,616
TIGER COATINGS GMBH & CO. KG 2,999,119
TIIROLA, ESA TAPANI 2,925,372
TIME WARNER CABLE ENTERPRISES LLC 2,979,706
TITAN SPINE, INC. 2,882,943
TOJIMA, MASANORI 2,934,879
TOKLE, NILS EGIL 2,924,337
TOMKINSON, GARY PETER 2,869,936
TOMLA, CHRISTABEL 2,999,159
TOMSO, DANIEL J. 2,753,491
TOONSTRA, JASON 2,847,384
TOSHIBA INTERNATIONAL CORPORATION 2,966,104
TOTAL PETROCHEMICALS FRANCE 2,866,364
TOV, JACOB SHEM 3,075,493
TOYOBO CO., LTD. 2,944,367
TRINKER, MARTIN 2,845,066
TRIUMF 3,030,670
TRON - TRANSLATIONALE ONKOLOGIE AN DER UNIVERSITATSMEDIZEN DER JOHANNES 2,890,529
TROPIGLAS TECHNOLOGIES LTD 2,840,647
TSUJI, MASAYUKI 3,025,611
TUCHRELO, ROBERT 3,007,499
TURK, BRIAN SCOTT 2,876,023
TURNER, JAMES EDWARD 2,963,423
UCL BUSINESS LTD 2,941,159
ULLRICH, PETER F., JR. 2,882,943
ULLYOTT, RICHARD 2,783,030
UNDERGROUND DEVICES, INC. 3,060,184
UNILEVER PLC 2,813,791
UNIVERSITY OF GUELPH 3,008,720
UNIVERSITY OF MIAMI 2,863,417
URAKAMI, TATSUHIRO 3,006,708
URDANG, ERIK G. 2,979,706
URSI, JEREMY 3,020,136
VAILLANCOURT, LOUIS 2,894,536
VALLEE, FREDERIC 2,894,536
VALLESVIU, S.A. 2,942,291
VAN DER LAAN, ROGER 2,933,547
VAN DER MEULEN, TORBJORN 2,941,083
VAN DOMSELAAR, GARY 2,760,392
VAN KAMPEN, WILLIAM 2,991,495
VANCZAK, GERGELY 2,893,709
VANSTAAN, VALERY H. 2,975,317
VARGA, MONICA E. 2,920,912
VASILIEV, MIKHAIL 2,840,647
VAUGHAN, BRIAN 3,027,485
VEACH, MICHAEL W. 2,876,202
VEIT, JOANNA MARA SERGIANE 3,007,566
VELAN INC. 2,973,933
VELLA, SARAH J. 2,947,277
VERTEX PHARMACEUTICALS INCORPORATED 2,894,536
VETER, PAUL EDWARD 2,963,261
VIALE, ADRIANO 2,905,652
VICTAULIC COMPANY 2,863,321
VIEAU, DEAN M. 2,965,105
VIGNAUX, JEAN-JACQUES 2,795,646
VIKLUND, MARK 2,827,473
VIVACELL BIOTECHNOLOGY ESPANA S.L. 3,020,387
VOELKERS, MIRKO 2,814,967
VOERSTE, ARND 2,855,948
VON DER ELTZ, HERBERT 2,671,298
VOUTILAINEN, ARTO 2,897,144
WAGNER, BURKHARD 2,991,983
WAGNER, DENNIS J. 3,003,580
WALKER, MARY AMELIA 3,027,485
WALKER, STEVEN PAUL 3,007,566
WALKER, THOMAS 2,862,904
WALTER, BRONISLAV 2,890,750
WANG, LIN 3,040,685
WANG, MICHAEL Y. 2,863,417
WANG, YE-KUI 2,914,357
WARD, ADRIAN 2,949,591
WARD, KEVIN RICHARD 2,874,247
WARD, STEPHEN 2,650,576
WARGO, KIMBERLY 2,879,107
WARKENTIN, JONATHAN 2,975,216
WATSCHINGER, KARL 2,977,833
WEGENER, ANSGAR 2,862,694
WEIDER, PAUL RICHARD 2,872,456
WEISS, ANDREW S. 3,028,466
WELLINGTON, SCOTT 2,969,616
WHEELER, KURTIS 2,891,908
WHITE, NICOLE S. 2,850,466
WIBERG, NICLAS 2,973,936
WIENER, EITAN T. 2,869,890
WIENHUES-THELEN, URSULA-HENRIKE 2,671,298
WIGGINS, BARBARA E. 2,729,713
WILLIAMS, DON 3,019,683
WILLIAMS, NATHAN 3,006,790
WILLIAMS, STEPHEN 2,862,904
WILLIAMSON, LOUIS D. 2,979,706
WILSON, KEITH 2,911,233
WILT, DONALD E. 2,957,761
WINDMANN, FRANK 3,030,664
WINKLER, KONRAD-WENZEL 2,818,640
WITRICITY CORPORATION 3,011,548
WOBBEN PROPERTIES GMBH 3,001,515
WOERMAN, MARK 3,015,809
WOMACK, JAMES EARL 2,685,192
WONG, ANDREW 2,959,785
WONG, MICHAEL 2,969,616
WOOD, JEFFREY D. 3,020,136
WOOD, KEITH V. 2,817,102
WOOD, LOWELL L., JR. 2,914,933
WOOD, MICHAEL FRANK GUNTER 2,973,128
WOOD, MONIKA G. 2,817,102
WORTMAN, TYLER 2,841,459
WOSNICK, JORDAN H. 2,947,277
WROLSTAD, DAVID K. 2,891,257
WSP GLOBAL INC. 2,995,159
WU, LONG 3,047,189
WU, WENZHONG 3,049,488
WU, YONGJUN 2,908,007
WUNDERLE, JOHANNES KONRAD 2,874,307
XEROX CORPORATION 2,947,277
XIONG, GANG 2,939,248
XROMB INC. 2,965,398
XU, JIANGUO 3,040,685
XU, MINGDONG 2,920,912
XU, YING 2,865,766
YAJIMA, KENTAROU 3,008,770
YAMAOKA, MAKOTO 2,999,982
YAMASA CORPORATION 2,942,283
YANAGISAWA, MASANARI 3,008,770
YANG, TAI-HER 2,828,311
YANGTZE RAILROAD MATERIALS 3,017,875
YAREMENKO, VICTOR 2,949,765
YASUTOMI, TAKASHI 2,994,521
YATES, DAVID C. 2,869,890
YEAP, TET HIN 2,769,586
YEUNG, TONY 3,010,939
YODLEE, INC. 2,744,547
YOGEESWARAN, KARTHIK 2,804,109
YONEMURA, SHIGERU 2,994,521
YOUNG, PATRICK 3,017,875
YU, HYUN GUN 2,799,834
YU, ZHOU 2,991,208
YUAN, WENJIE 3,049,488
ZACHEK, MATTHEW 2,959,785
ZAHABI, ATOOSA 2,974,554
ZAMBRANO L., JOSE J. 2,892,168
ZAND, JASON MATTHEW 2,604,563

Index of Canadian Patents Issued
July 28, 2020

ZEDICK, KYLE PHILIP	2,973,933
ZEISLER, STEFAN K.	3,030,670
ZHANG, HAITAO	3,040,685
ZHANG, LEIQIANG	2,991,208
ZHANG, QIANG	2,973,936
ZHANG, YI	2,985,890
ZHANG, YI	2,986,828
ZHANG, YIFU	2,908,007
ZHANG, YUANJI	2,729,713
ZHOU, NIANQING	2,983,200
ZHUANG, YUXIN	2,991,208
ZIMMER, ANDREAS	2,845,066
ZIMMER, INC.	2,991,495
ZIMMERMAN, JAMES BRYAN	2,920,359
ZOU, HONG	2,985,374
ZUJOVIC, NICOLE ANN	2,932,338

Index of Canadian Applications Open to Public Inspection

July 12, 2020 to July 18, 2020

Index des demandes canadiennes mises à la disponibilité du public

12 juillet 2020 au 18 juillet 2020

9187-8926 QUEBEC INC. 3,068,456
A. FINKL & SONS CO. 3,068,500
ABACO DRILLING TECHNOLOGIES LLC 3,068,582
ABDI TAGHI ABAD, FARDIN 3,068,030
ABLABUTYAN, KARAPET 3,067,016
ACHARYA, SAMRAT SUMSHER 3,030,508
ADHIKARI, RITTIKA 3,068,229
AHMED ABDOU, AHMED FATHI 3,030,508
AHMED ELKHOLY, ELWY EISSA 3,030,508
AIR LIQUIDE MEDICAL SYSTEMS 3,067,819
AIR PRODUCTS AND CHEMICALS, INC. 3,040,413
AKAO, TAKESHI 3,068,386
ALBERICI, LUCA 3,067,819
ALLOIN, QUENTIN 3,067,981
ALSBERG, KEITH 3,068,712
APOTEX INC. 3,067,611
AREL, RICHARD 3,031,030
ARTHUR MERRILL ZEMACH 3,030,417
BABIN, PASCAL 3,062,049
BABYZEN 3,067,568
BALADHANDAPANI, PRABAHARA SUNDAR 3,067,752
BALDI, MARCO 3,067,594
BARRETT, DEVON L. 3,068,241
BAUGER, OYSTEIN 3,068,666
BAY-LYNX MANUFACTURING INC. 3,067,975
BEAUVILLAIN, ALEXIS 3,068,022
BECKER, ALLAN JAMES 3,030,905
BELL, PHILLIP 3,068,680
BENKREIRA, ABDELKADAR M'HAMED 3,067,976
BENKREIRA, ABDELKADER M'HAMED 3,068,233
BERGERON, SEBASTIEN 3,068,244
BERTRAND, GUILLAUME 3,030,358
BHADRA, SHUBHRA JYOTI 3,040,413
BINAGHI, DIEGO 3,067,594
BIRNBACHER, WOLFGANG 3,067,943
BLACK, JOSEPH DEAN 3,064,398
BLAGBURN, PAULETTE 3,068,491
BLOEMER, JOHN 3,067,752
BODHURI, PRABHUDAS 3,067,611
BOHMER, ROBERT 3,068,582
BOTTONI, FERRUCCIO 3,068,717
BRAND SHARED SERVICES LLC 3,030,905
BRESLAVETS, MAKSYM 3,067,924
BROWN, KENNETH 3,067,968
BUGATTI, OTTORINO 3,067,819
BURNSIDE, PHILLIP H. 3,057,920
BURNSIDE, PHILLIP H. 3,057,921
BYRNE, NORMAN R. 3,068,715
CALE, DREW R. 3,061,256
CAMMISA, EDUARDO G 3,067,611
CAMPAGNA & PARTNERS S.R.L. 3,067,594
CANADIAN ENERGY SERVICES L.P. 3,072,680
CANDOW, KEVIN ANDREW 3,067,088
CAO, JIN 3,040,413
CAPITAL ONE SERVICES, LLC 3,067,792
CAPITAL ONE SERVICES, LLC 3,067,801
CAPITAL ONE SERVICES, LLC 3,067,976
CAPITAL ONE SERVICES, LLC 3,068,030
CAPITAL ONE SERVICES, LLC 3,068,229
CAPITAL ONE SERVICES, LLC 3,068,233
CAPITAL ONE SERVICES, LLC 3,068,653
CAPITAL ONE SERVICES, LLC 3,068,693
CAREY, JAMES 3,068,692
CARNAGO, HAL M. 3,029,944
CATTRON NORTH AMERICA, INC. 3,068,032
CHAHAL, JASRAJ 3,068,173
CHAUDEURGE, JEAN-MICHEL 3,067,568
CHEN, TAO 3,067,573
CHEN, TAO 3,067,575
CHRISTIANSEN, TYSON 3,030,726
CLIFTON, CODY D. 3,068,681
CLIFTON, CODY D. 3,068,682
COLEVAS, ALEXANDRA 3,067,976
COLISTRO, VINCENT A. 3,029,944
COMTRAN CABLE LLC 3,068,491
CONRAD, JAMES SCOTT 3,068,491
COONS, GREGORY A. 3,068,490
CORSCADDEN, TOM 3,030,277
CURRENT LIGHTING SOLUTIONS, LLC 3,067,088
DANNISH, CHAD 3,067,964
DATEMA, BRYAN S. 3,068,681
DATEMA, BRYAN S. 3,068,682
DECARIES, GLENN 3,029,918
DECARIES, JENNILEE 3,029,918
DEEKSHITH, CHETHAN 3,067,387
DENTON, DAVID 3,030,277
DERMA RESEARCH GROUP INC. 3,067,924
DEVELOPMENTAL INDUSTRIES, INC. 3,068,657
DOROMBOZI, RON 3,067,975
DOUGLAS, HUTCH 3,068,693
DU, XUE 3,067,576
DU, XUE 3,067,580
DUBOIS, RAPHAEL 3,067,238
DUNN, KEVIN 3,068,682
EDWARDS, JOSHUA 3,067,976
EDWARDS, JOSHUA 3,068,233
EL MOURSI, MOHAMD SHAWKI 3,030,508
EMIRATES STEEL INDUSTRIES PJSC 3,030,508
EMKADE DISTRIBUTION INC. 3,067,964
EMMETT, MICHAEL R. 3,067,611
ERLEBACH, JORG 3,067,238
ETTENSON, GREG 3,068,712
FARIVAR, REZA 3,068,229
FASTRAK RETAIL (UK) LIMITED 3,068,507
FEHLING, RONNY 3,067,238
FELTY, JEFFREY GLENN 3,067,088
FERKEY, WADE 3,067,752
FLODRAULIC CONTROLS LTD. 3,067,931
FLORA, IQBAL SINGH 3,029,947
FORD, JOSEPH, III 3,068,229
FORMAN, DAVID J. 3,053,526
FRIPP, MICHAEL LINLEY 3,059,575
FU, MING YU 3,067,576
FU, ZHONG JIAN 3,067,576
FUNCK, KARIN VON 3,067,238
GASPARIAN, AKOP 3,067,016
GAUVREAU, JEAN-GABRIEL 3,068,244
GE RENEWABLE TECHNOLOGIES 3,067,981
GEBHARDT, JASON 3,068,085
GENERAL ELECTRIC TECHNOLOGY GMBH 3,062,049
GLENDINNING, WILLIAM W. G. 3,030,253
GOLBAND, ALIREZA 3,030,077
GOLBAND, AMIR A. 3,030,077
GONG, XIANG 3,068,681
GOODRICH CORPORATION 3,067,550
GOODSITT, JEREMY EDWARD 3,068,030
GOURSAC, AXEL DE 3,067,238
GREEN, BRIAN A. 3,029,936
GREEN, BRIAN A. 3,029,937
GREEN, STUART P. 3,067,611
GUAN, FENG XU 3,067,575
GUAN, FENG XU 3,067,576
GUANGZHOU CLASSIC & FRESH CRAFTS CO., LIMITED 3,061,222
HALLIBURTON ENERGY SERVICES, INC. 3,059,575
HAMBURG, KEITH 3,068,693
HAMED AHMED, HANY ABDELMONEM 3,030,508

Index of Canadian Applications Open to Public Inspection
July 12, 2020 to July 18, 2020

HARBIN ENGINEERING UNIVERSITY 3,067,573
HARBIN ENGINEERING UNIVERSITY 3,067,575
HARBIN ENGINEERING UNIVERSITY 3,067,576
HARBIN ENGINEERING UNIVERSITY 3,067,580
HAWKINS, MICHAEL STEVEN 3,067,392
HENNEN, MERANDA 3,068,029
HERAEUS MEDICAL GMBH 3,066,433
HINDS, SHAUN C. 3,029,932
HOME DEPOT INTERNATIONAL, INC. 3,068,085
HONEYWELL INTERNATIONAL INC. 3,067,387
HONEYWELL INTERNATIONAL INC. 3,067,391
HORTON, DAVID 3,072,680
HUHTAMAKI, INC. 3,068,680
HUSBAND, MARK I. 3,029,920
IAVICOLI, MATTEO 3,068,712
IBEO AUTOMOTIVE SYSTEMS GMBH 3,067,943
IOTTI, MARCO 3,066,797
JACKSON, NICHOLAS 3,068,085
JACKSON, RICK A. 3,064,052
JAPAN TOBACCO INC. 3,068,386
JOHNSON, PAUL ROBERT 3,067,550
KARAOGUZ, CEM 3,068,022
KECHROUD, RIYAD 3,062,049
KEMPE, HEIKO T. 3,030,501
KHALIFA UNIVERSITY OF SCIENCE AND TECHNOLOGY 3,030,508
KHAN, FAISAL 3,030,306
KIM, SUN H. 3,029,919
KLUGE, THOMAS 3,066,433
KOLOMYJEC, BETH L. 3,068,715
KOLWICK, JOSEPH T. 3,067,404
KOPPELAAR, GREG 3,067,975
KOPPELAAR, KEVIN 3,067,975
KRATZIG, ANDREAS 3,042,277
KURNIAWAN, ANDIE 3,067,391
LAKE, MICHAEL, A. 3,030,215
LAMUES LIGHT ENTERPRISE CO., LTD. 3,068,431
LAPIERRE-BOIRE, LOUIS-PHILIPPE 3,068,500
LASERCAM FABRICATION INC. 3,029,933
LEBEL, TRISTAN 3,029,941
LI, BEN YIN 3,067,576
LI, BEN YIN 3,067,580
LI, GUANG HUI 3,067,796
LI, JUAN 3,067,573
LI, JUAN 3,067,576
LIN, CHANG JIAN 3,067,575
LIN, FRANK 3,067,391
LINN, RANDY W. 3,067,404
LISIO, CARMINE 3,068,173
LITHIUM POWER INC. 3,067,598
LIU, YA 3,068,693
LOOP LABORATORIES, LLC 3,068,712
LORKOWSKI, AARON 3,067,968
MAHAPATRA, GURU PRASAD 3,067,550
MANITOU ITALIA S.R.L. 3,066,797
MASSARO, PAOLO 3,067,819
MASSERDOTTI, FULVIO 3,067,819
MAXON INDUSTRIES, INC. 3,067,016
MCGRATH, DARRAGH 3,068,173
MCKINNON, NATHANIEL 3,068,653
MCMURRAY, NEIL 3,029,710
MEG ENERGY CORP. 3,030,277
MONTEITH, CRAIG D. R. 3,032,610
MOSSOBA, MICHAEL 3,067,792
MOSSOBA, MICHAEL 3,067,976
NEAGLI, JEFFREY 3,073,409
NIPPANI, RAMA 3,068,491
NIU, SHAO YUAN 3,067,580
NORSK HYDRO ASA 3,068,666
NOSELLA, KIMBERLY D. 3,067,392
NOWICKI, THOMAS P. 3,067,404
O'BRIEN, ERIC JOSEPH 3,068,491
OATEY CO. 3,067,968
OBERTO SNACKS INC. 3,042,059
ON, CHOW KWOK 3,068,431
OSHKOSH CORPORATION 3,068,681
OSHKOSH CORPORATION 3,068,682
OVERDUIN, SAM 3,067,975
OYEN, GEIR 3,068,666
PAIX, KENDALL 3,067,391
PARMAR, ASHISH 3,067,391
PASSMORE, CHRIS 3,067,931
PAULSEN, GARY HARLAN 3,068,712
PENNINGS, MARK 3,067,975
PETEL, OREN 3,029,939
PETTERSEN, TANJA 3,068,666
PLAMONDON, ETIENNE 3,068,244
PLOEGER, JASON MICHAEL 3,040,413
POST, RICHARD 3,068,653
PRATT & WHITNEY CANADA CORP. 3,067,893
PRATT & WHITNEY CANADA CORP. 3,068,173
PRATT & WHITNEY CANADA CORP. 3,068,244
PRIORITY WIRE & CABLE, INC. 3,060,854
PUHALLA, DENNIS M. 3,068,712
RABI, ZAHEER 3,068,221
RAJENDRAN, SATISH KUMAR 3,067,387
RAO, KARTHIK 3,067,387
REISO, ODDVIN 3,068,666
RELIABLE ENGINEERED PRODUCTS, LLC 3,067,404
REMESAT, DARIUS 3,030,277
RENAUD, BENJAMIN 3,068,244
RENAUD, GUILLAUME 3,067,981
RENAUD-BEZOT, NICK 3,068,717
RESEARCH PRODUCTS CORPORATION 3,067,752
RIDER, TERRY L. 3,068,657
RIST, SNORRE 3,068,666
ROBERTSON, RONALD 3,068,680
ROBIN, JACOB 3,067,550
ROGERS, SHANE 3,068,715
ROLLIER, CLEMENT 3,062,049
ROLLS-ROYCE CORPORATION 3,057,920
ROLLS-ROYCE CORPORATION 3,057,921
ROLLS-ROYCE CORPORATION 3,064,398
ROLLS-ROYCE CORPORATION 3,068,676
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC. 3,057,920
ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES INC. 3,057,921
ROMFO, ALF INGE 3,068,666
ROSE, MARCO 3,068,241
RUAN, LI 3,067,573
RUSCONI CLERICI BELTRAMI, ANDREA 3,068,717
SACRIPANTE, GUERINO G. 3,067,392
SAJIC, DUSAN 3,067,924
SANDERSON, CORY E. 3,040,413
SCHEIDT & BACHMANN GMBH 3,042,277
SCHWENDENMANN, ANDREW 3,057,920
SCHWENDENMANN, ANDREW 3,057,921
SELLITTO, SCOTTPATRICK 3,067,924
SENATHIPATHY, VISHNU 3,067,387
SHAH, SALIK 3,067,792
SHARDLOW, PAUL 3,068,507
SHARP, TIM 3,068,680
SHERMAN, YVONNE 3,030,223
SHORT, SAMANTHA 3,067,238
SHUCK, QUINLAN YEE 3,068,676
SMITH, ARRON 3,068,680
SMITH, DANIEL W. 3,073,409
SO, CHIT FUNG 3,067,598
SOMERVILLE, CAMERON 3,029,933
SPECTRE BALLISTICS INTERNATIONAL INC 3,029,941
STEEN, IDAR KJETIL 3,068,666
SULLINS, JOHN 3,068,680
SUN, YAN 3,067,573
SUNCOURT, INC. 3,053,526
SURGESON, NATHAN PHILLIP 3,030,331
SZKLAR, OLEH 3,068,032
TANG, ZHAO DONG 3,067,573
TANG, ZHAO DONG 3,067,575
TAYLOR, KENNETH 3,068,229
TE CONNECTIVITY CORPORATION 3,068,221
THE BOEING COMPANY 3,064,052
THE BOEING COMPANY 3,067,469
THE BOSTON CONSULTING GROUP, INC. 3,067,238
TRANSDEV GROUP 3,068,022
TREMBLAY, CLAUDE 3,068,456
TULL, MICHAEL HENRY 3,042,059
TYDDA, EDWARD 3,068,825
TYKO ELECTRONICS UK LTD. 3,068,221
UNKNOWN 3,029,710
UNKNOWN 3,029,920

UNKNOWN	3,030,223
USOUND GMBH	3,068,717
VAGLE, JARROD M.	3,068,681
VOGT, SEBASTIAN	3,066,433
VUKICH, ADAM	3,068,233
WALKER, LUKE L. W.	3,030,200
WALKER, STEVEN PAUL	3,067,469
WALTERS, AUSTIN	3,068,229
WALTERS, AUSTIN GRANT	3,068,030
WALTON, ZACHARY WILLIAM	3,059,575
WANG, HONG JIAN	3,067,573
WANG, HONG JIAN	3,067,575
WANG, HONG JIAN	3,067,576
WANG, HONG JIAN	3,067,580
WARD, JOSEPH D.	3,068,715
WEI, ZHENYI	3,068,681
WEI, ZHENYI	3,068,682
WESTMOR INDUSTRIES, LLC	3,068,029
WESTON WOODS SOLUTIONS INC.	3,067,796
WHITLEY, ROGER DEAN	3,040,413
WILSON, SCOTT H.	3,068,712
WOLFE, JAMES	3,066,595
WRUCK, ABE	3,068,029
WU, DI	3,067,573
WU, DI	3,067,580
WURMFELD, DAVID KELLY	3,067,801
XEROX CORPORATION	3,067,392
XIAN, MINJIN	3,061,222
XU, JIAN	3,067,580
XU, XIU JUN	3,067,575
XU, XIU JUN	3,067,580
YAN, ZHE PING	3,067,576
YAN, ZHE PING	3,067,580
YU, BANG WEI	3,060,854
YU, DAN	3,067,573
YUAN, JIAN YA	3,067,575
ZHANG, GENG SHI	3,067,573
ZHANG, GENG SHI	3,067,580
ZHANG, HONG HAN	3,067,573
ZHANG, HONG HAN	3,067,575
ZHANG, JEFFREY	3,067,968
ZHANG, WEI	3,067,576
ZHANG, XUN	3,067,575
ZHANG, XUN	3,067,580
ZHANG, ZHIXIAN	3,067,598
ZHAO, YAJUN	3,067,611
ZHOU, JIA JIA	3,067,575
ZHOU, JIA JIA	3,067,576
ZHU, LI	3,067,893
ZIMMERMAN, JAY PAUL	3,067,898
ZINGARO, GIANCARLO	3,068,173
ZITSCH, DWIGHT DAVID	3,068,221
ZWARTZ, EDWARD G.	3,067,392

Index of PCT Applications Entering the National Phase

Index des demandes PCT entrant en phase nationale

2600302 ONTARIO INC. 3,086,365
2661881 ONTARIO LIMITED 3,086,853
3M INNOVATIVE PROPERTIES COMPANY 3,086,438
3M INNOVATIVE PROPERTIES COMPANY 3,086,439
3M INNOVATIVE PROPERTIES COMPANY 3,086,471
6SENSE INSIGHTS, INC. 3,085,902
ABDELJAWAD, TAREK 3,086,210
ABE, TAKAHIRO 3,085,988
ABEL FERNANDEZ, GERARDO 3,086,037
ABEL, DON C. 3,085,877
ABIOMED, INC. 3,086,489
ABU AWAD, MHDE 3,086,819
ABU-AWAD, SALMAN 3,086,819
ABUDAYYEH, OMAR 3,086,550
ABUSHAKRA, SAWSAN 3,086,160
AC IMMUNE SA 3,086,759
AC IMMUNE SA 3,086,879
ACKERMANN, DOUGLAS MICHAEL 3,085,787
ADACHI, KEISHI 3,086,658
ADAMED PHARMA S.A. 3,086,440
ADAMS, GRANT A. 3,086,175
ADAMS, VINCENT P. 3,085,310
ADAMSON, DANIEL L. 3,086,175
ADAPTIVE GLOBAL SOLUTIONS, LLC 3,085,340
ADAPTIVE PHAGE THERAPEUTICS, INC. 3,085,314
ADDISON, PAUL S. 3,086,527
ADISECHAN, ASHOKKUMAR 3,086,083
ADOLFSSON, OSKAR 3,086,879
AERTS, MAARTEN 3,086,606
AETERNA ZENTARIS GMBH 3,086,079
AFL TELECOMMUNICATIONS LLC 3,086,504
AGARWAL, ARVIND 3,086,174
AGILIK TECHNOLOGIES INC. 3,086,862
AGIWAL, ANIL 3,086,342
AGRO INNOVATION INTERNATIONAL 3,086,151
AGRO INNOVATION INTERNATIONAL 3,086,382
AHMAD, WAJDIE 3,086,160
AHMADIABHARI, SALOMEH 3,086,266
AHN, YOUNG OCK 3,085,361
AIDOUN, ZINE 3,086,694
AIETA, FRANCESCO 3,086,336
AIRBUS DEFENCE AND SPACE SA 3,086,811
AIRBUS DEFENCE AND SPACE SAS 3,086,426
AIT-ALI MAAMRI, NAJATE 3,086,292
AKAHATA, WATARU 3,086,219
AKELE, FREDERICK 3,086,098
AKININ, ALEXEY BORISOVICH 3,086,244
AKKARAJU, PREM 3,085,773
AKOUOS, INC. 3,086,045
AKTSIONERNOE OBSHCHESTVO "GOZNAK" (AO "GOZNAK") 3,086,244
AL-AWAR, RIMA 3,086,366
AL-AWAR, RIMA 3,086,370
AL-BANNA, AYHAM 3,086,200
AL-QAISI, MUHAMMAD K 3,086,214
ALAERTS, ROGER 3,086,606
ALARM.COM INCORPORATED 3,086,514
ALBAHRANI, HUSSAIN 3,086,155
ALBERT EINSTEIN COLLEGE OF MEDICINE 3,086,009
ALCON INC. 3,086,214
ALCON INC. 3,086,803
ALDRED, SHELLEY FORCE 3,086,665
ALDRICH, WILLIAM 3,086,293
ALEN, JO 3,085,874
ALETA BIOTHERAPEUTICS INC. 3,085,781
ALFARO, JENNIFER 3,085,803
ALIBABA GROUP HOLDING LIMITED 3,059,744
ALIBEK, KEN 3,085,343
ALIBEK, KEN 3,086,033
ALIGN TECHNOLOGY, INC. 3,086,553
ALJUBRAN, MOHAMMAD 3,086,155
ALLARD, THEOPHILE 3,086,602
ALLEN, BARRY WAYNE 3,086,606
ALLERGAN, INC. 3,086,184
ALLERGAN, INC. 3,086,185
ALMINANA, DAN 3,086,535
ALNYLAM PHARMACEUTICALS, INC. 3,086,343
ALNYLAM PHARMACEUTICALS, INC. 3,086,485
ALSAMHOURI, AREEJ 3,086,235
ALYRA BIOTECH PTY LTD 3,085,959
AMADORI, MATTEO 3,086,675
AMAIKE, SEIJI 3,086,331
AMALFITANO, EVAN 3,086,593
AMAZONEN-WERKE H. DREYER GMBH & CO. KG 3,083,606
AMERICAN STERILIZER COMPANY 3,086,901
AMERICAN WAVE MACHINES, INC. 3,085,920
AMEUR, KHALED 3,086,694
AMMER, NICOLA 3,086,079
AMORUSO, ANGELA 3,085,977
AMUNIX PHARMACEUTICALS, INC. 3,085,950
ANDERSEN, SIMON IVAR 3,086,519
ANDERSON, CHRIS 3,086,631
ANDERSON, DAVID A. 3,085,935
ANDERSON, SALLY 3,086,681
ANDERSON, SAMUEL 3,086,414
ANDERSSON, STEFAN 3,086,038
ANDERSSON, STEFAN 3,086,503
ANDREIUK, BOHDAN 3,086,097
ANGELES BOZA, RENZO M. 3,086,526
ANGEX PHARMACEUTICAL, INC. 3,086,522
ANNONI, ELIZABETH M. 3,086,161
ANSELLA THERAPEUTICS, INC. 3,086,082
ANTHONY, ROBERT M. 3,086,178
ANTHONY-GONDA, KIM 3,086,612
ANTON, JEAN-CHRISTOPHE 3,086,608
ANTUNES SALGUEIRO GAIAO, JOAQUIM MANUEL 3,086,059
ANUMULA, RUSHITH KUMAR 3,085,346
ANUMULA, RUSHITH KUMAR 3,085,817
ANUMULA, RUSHITH KUMAR 3,085,942
APACHE INDUSTRIAL SERVICES, INC. 3,085,940
APARICIO ORDOBAS, MARIA JOSE 3,086,811
APDIK, HUSEYIN 3,086,056
APICHARTTHABRUT, TERAPAT 3,085,990
APOSYS TECHNOLOGIES INC. 3,086,254
APPLEWHITE, JASON 3,086,300
APPLIED MEDICAL RESOURCES CORPORATION 3,086,203
AQUIS SYSTEMS AG 3,086,393
ARABSHAHI, HAMID 3,086,818
ARANO, YASUSHI 3,086,454
ARGENX BVBA 3,086,448
ARIE, HIDEYUKI 3,086,826
ARIE, HIDEYUKI 3,086,827
ARIE, HIDEYUKI 3,086,831
ARIYADASA, RUVINI 3,086,620
ARKOUN, MUSTAPHA 3,086,382
ARLANXEO NETHERLANDS B.V. 3,086,607
ARMSTRONG, KENNY 3,085,306
ARNSDORF, LINDA COX 3,085,326
ARNSDORF, LINDA COX 3,085,327
ARRIS ENTERPRISES LLC 3,086,200

Index des demandes PCT entrant en phase nationale

ARTIS, JOHN 3,085,784
ARTSIELY, EYAL 3,086,333
AS AMERICA, INC. 3,085,350
AS AMERICA, INC. 3,086,410
AS AMERICA, INC. 3,086,411
ASADA, TAKUMI 3,086,820
ASAHI KASEI PHARMA CORPORATION 3,086,662
ASAKAWA, SHUICHIRO 3,086,297
ASEKO, INC. 3,086,208
ASHRAFIAN, HOUMAN 3,086,463
ASHRAFIAN, HOUMAN 3,086,632
ASHTON, HENRY 3,086,499
ASPECT BIOSYSTEMS LTD. 3,086,188
ATLAS PACIFIC ENGINEERING COMPANY 3,086,766
ATOSSA GENETICS, INC. 3,086,655
ATOSSA THERAPEUTICS INC. 3,086,655
ATTARD, JOFFREY 3,086,380
AUGEREAU, PIERRE 3,086,435
AULT, JOE 3,086,188
AURELIO, LUIGI 3,086,458
AUSTRHEIM, TROND 3,086,277
AUTOLUS LIMITED 3,086,360
AUTOSTORE TECHNOLOGY AS 3,086,277
AVSAR APDIK, EZGI 3,086,056
AXCESS GLOBAL SCIENCES, LLC 3,086,517
AXELSSON, ROBERT 3,086,278
AXENIC LIMITED 3,086,067
AYAL, SHAI 3,086,553
AYDIN, GOKHAN 3,086,287
AZAMIAN, BOBAK ROBERT 3,085,787
AZZOPARDI, ANNA 3,085,971
B-TEMIA INC. 3,086,854
BABA, KOUSUKE 3,086,220
BABA, MASANOBU 3,086,164
BABE, LILIA MARIA 3,085,344
BABE, LILIA MARIA 3,085,345
BACCA, NICOLAS 3,086,863
BACHRACH, SCOTT 3,085,936
BACKFOLK, KAJ 3,085,919
BACQUET, SYLVAIN 3,086,870
BACQUET, SYLVAIN 3,086,874
BACQUET, SYLVAIN 3,086,877
BACQUET, SYLVAIN 3,086,880
BADHEKA, HETAL N. 3,086,764
BADR, FADI 3,086,098
BAE, JIN-HO 3,086,838
BAEK, KWANGHYUN 3,086,470
BAGGS, GEORGE 3,086,483
BAHAL, RAMAN 3,086,479
BAHAMMOU, RACHAEL 3,086,217
BAINS, SUDESH 3,086,275
BAIRD, WAYNE 3,086,050
BAJARIA, VIRAL 3,085,902
BAKER HUGHES HOLDINGS LLC 3,086,018
BALLOT, STEPHAN M. 3,086,191
BALTEZOR, MICHAEL 3,086,014
BAMBERGER, MARK, J. 3,085,772
BAN, WENJUN 3,077,834
BAR-EPHRAIM, JOTAM ELAZAR 3,086,290
BARBER, GUYON 3,086,708
BARBOSA, JOHN 3,085,531
BARIOS ORMENO, DAMASO 3,086,443
BARIOS ORMENO, DAMASO 3,086,636
BARIVIERA, DIEGO 3,086,120
BARNETT, ALEXANDER RYAN 3,085,872
BARNETT, DANIEL JOSEPH 3,086,516
BARNOY, AMIR 3,086,216
BARRERO SANCHEZ, JOSE 3,086,620
BARRON, GUY MICHAEL 3,086,518
BARTELS, CRAIG ROGER 3,086,183
BARTSCHER, AXEL 3,081,915
BASECLICK GMBH 3,086,237
BASF PLANT SCIENCE COMPANY GMBH 3,086,291
BASF QTECH INC. 3,085,934
BASF SE 3,085,360
BASF SE 3,086,083
BASF SE 3,086,249
BASF SE 3,086,273
BASF SE 3,086,286
BASF SE 3,086,353
BASF SE 3,086,620
BASF SE 3,086,816
BASHIRI, HAMED 3,086,694
BASU, SUJAY 3,086,282
BATHELT, THOMAS 3,081,915
BATTELLE MEMORIAL INSTITUTE 3,085,929
BAUDET, LARRY 3,086,088
BAUER COMPRESSORS, INC. 3,085,310
BAVARIAN NORDIC A/S 3,086,325
BAXTER HEALTHCARE SA 3,086,666
BAXTER INTERNATIONAL INC. 3,086,666
BAYAT, ANTHONY B. 3,085,310
BAYER, DOMNIK 3,085,360
BAZETT, MARK 3,086,832
BD ENERGY SYSTEMS, LLC 3,086,516
BEABER, JOHN 3,085,950
BEATTIE, MIKE 3,086,356
BEATTIE, MIKE 3,086,603
BECKER, NATHANIEL T. 3,086,202
BECKHOFF AUTOMATION GMBH 3,086,600
BECKHOFF AUTOMATION GMBH 3,086,614
BECKHOFF AUTOMATION GMBH 3,086,617
BECKHOFF AUTOMATION GMBH 3,086,621
BECKHOFF AUTOMATION GMBH 3,086,624
BECKHOFF AUTOMATION GMBH 3,086,626
BECTON, DICKINSON AND COMPANY 3,085,349
BECTON, DICKINSON AND COMPANY 3,085,354
BECTON, DICKINSON AND COMPANY 3,086,114
BECTON, DICKINSON AND COMPANY 3,086,162
BECTON, DICKINSON AND COMPANY 3,086,899
BECTON. DICKINSON AND COMPANY 3,086,026
BEGGS, RYAN P. 3,086,209
BEHRENS, MARTINA 3,086,598
BEHRENS, SVEN-ERIK 3,086,598
BEIGELMAN, LEONID 3,085,337
BEIGIE, CARL A. 3,086,186
BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD 3,086,236
BEILHACK, ANDREAS 3,086,653
BEKKEN, BORGE 3,086,277
BELANGER, WILLIAM 3,086,260
BELANGER-DESBIENS, ALEXANDRE 3,086,854
BELCHER, RICHARD WILSON 3,086,845
BELICH, NIKOLAJ ANDREEVICH 3,086,241
BELLOWS, LANCE CLARK 3,086,901
BELMAR, SEBASTIAN 3,085,803
BENALI, MARZOUK 3,086,694
BENESOL, INC. 3,085,326
BENESOL, INC. 3,085,327
BENHIDA, RACHID 3,086,080
BENITEZ MARTINEZ, RAUL 3,086,499
BENNAI, BAYA 3,086,228
BENOHR-RIVEROS, JAN 3,086,330
BENSACI, JALIL 3,086,656
BENSACI, JALIL 3,086,684
BENTFELD, LUKAS 3,086,600
BENTFELD, LUKAS 3,086,614
BENTFELD, LUKAS 3,086,617
BENTFELD, LUKAS 3,086,621
BENTFELD, LUKAS 3,086,624
BENTFELD, LUKAS 3,086,626
BENTLEY, PETER 3,085,339
BERBEE, JAMES 3,085,355
BERGERON, MARC 3,086,363
BERKHOUS, SCOTT K. 3,086,170
BERNALES, SEBASTIAN 3,085,803
BERNETT, MATTHEW J. 3,086,199
BERNSTEIN, HOWARD 3,086,210
BERRY, JODY 3,086,449
BERTHOUD, ALEXANDRA 3,086,607
BERTOLINI, GIORGIO 3,085,976
BERTUOLO, STEFANIA 3,085,976
BERVOETS, MARC EUGENE WILLEM 3,086,606
BESADA PEREZ, VLADIMIR ARMANDO 3,086,280
BETTA PHARMACEUTICALS CO., LTD 3,086,054
BETTELLA, FABIO 3,086,650
BEVARA TECHNOLOGIES, LLC 3,086,546
BEYER, SIMON 3,086,188
BEZEL STUDIO 3,086,521
BHADRA, NILOY 3,086,397
BHATT, BHAWANA 3,085,803
BHOGE, SATISH EKANATH 3,086,324
BHP CHILE INC. 3,086,443

BHP CHILE INC. 3,086,636
BHURRUTH-ALCOR, YUSHMA 3,086,243
BIAGGI, CINZIA 3,085,976
BIANCHI, ALDO 3,085,976
BICYCLETX LIMITED 3,086,257
BIELLI, CRISTINA 3,086,058
BIEMULLER, FRED 3,086,010
BIGNAN, GILLES 3,085,337
BIHEL, FREDERIC 3,086,668
BILLER, PATRICK 3,086,373
BIOCORP PRODUCTION S.A. 3,085,972
BIRBAUMER, ADRIEN 3,086,070
BISHOP, ERIK DAVID 3,086,606
BITSTRATA SYTEMS INC. 3,086,352
BITTERMAN, MATTHEW A. 3,086,213
BITTON, AVI 3,086,472
BITTON, CHARLY 3,086,472
BLANCO-PILLADO, MARIA JESUS 3,086,189
BLANCO-PILLADO, MARIA JESUS 3,086,299
BLAZE BIOSCIENCE, INC. 3,086,040
BLEVINS, TIM 3,086,300
BLICK, KEVIN DAVID 3,085,971
BLINK AG 3,086,295
BLOMSTEDT, KASIMIR 3,086,317
BLOMSTEDT, KASIMIR 3,086,418
BLOND, FREDERIC 3,086,292
BLUE VISION LABS UK LIMITED 3,086,261
BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA 3,086,001
BOCK, SOLENE 3,086,108
BOCK, SOLENE 3,086,380
BODEN, DANIEL 3,086,325
BODEN, DANIEL 3,086,327
BODEVIN, SABRINA 3,085,987
BODUM, JORGEN 3,086,112
BODWELL, PATRICK ALLEN 3,086,670
BOESL, BENJAMIN 3,086,174
BOEV, SERGEY NIKOLAEVICH 3,086,244
BOHANA KASHTAN, OSNAT 3,086,815
BOISSONNET, LAURENT 3,086,313
BOMBARDIER INC. 3,086,225
BOMBARDIER INC. 3,086,230
BOMBARDIER INC. 3,086,231
BOMBARDIER INC. 3,086,354
BOMBARDIER INC. 3,086,363
BONAMI, LIES 3,086,084
BONNEFOY, SERGE 3,086,663
BONNY, JOEL 3,086,229
BONTCHEV, RANKO PANAYOTOV 3,086,845
BONTI, INC. 3,086,160
BOO, CHRISTIAN 3,086,053
BOOTH, ELIZABETH 3,086,449
BOOTH, ROBERT C. 3,086,208
BOREALIS AG 3,086,639
BORODY, THOMAS JULIUS 3,086,850
BOROS, JOZEF 3,086,447
BOS, RICHARD 3,086,234
BOSCH, MARTINUS 3,086,070
BOSMAN, JORIS KAREL PETER 3,086,084
BOSTIK SA 3,085,517
BOSTON SCIENTIFIC SCIMED, INC. 3,086,161
BOUCHUIGUIR, LAYTH SLIMAN 3,086,218
BOUCKE, EDDY ALBERIC 3,086,800
BOURGEOIS, RONALD JOSEPH 3,086,041
BOURGUIGNON, JEAN-JACQUES 3,086,668
BOUTALEB, MOHAMMED-LAMINE 3,086,596
BOVILL, WILLIAM 3,086,620
BOWEN, ADAM 3,086,414
BOWLER, DAVID B. 3,086,200
BOYKE, CHRISTINE 3,085,323
BOYNE, ALEX 3,086,267
BRADKEN RESOURCES PTY LIMITED 3,085,963
BRADY, LOUIS J. 3,086,091
BRAKHYA, RONNY 3,086,278
BRANTS, JOS 3,086,606
BRAUN, MARTIN 3,086,262
BRAVO SICILIA, JERONIMO 3,086,387
BRAYANOV, JORDAN 3,085,819
BREMMON, JEFF 3,085,821
BRENNAN, PAUL 3,086,253
BRESLIN, NERY VANESA 3,086,413
BREUNIG, KARIN 3,086,598
BREY, CHARLOTTE 3,086,032
BRICARD, JACQUES 3,086,668
BRIDEAU-ANDERSEN, AMY 3,086,184
BRIDEAU-ANDERSEN, AMY 3,086,185
BRILLMANN, MARKUS 3,086,081
BRIN, MITCHELL F. 3,086,184
BRIN, MITCHELL F. 3,086,185
BRINKMANN, ROLF 3,086,600
BRINKMANN, ROLF 3,086,614
BRINKMANN, ROLF 3,086,617
BRINKMANN, ROLF 3,086,621
BRINKMANN, ROLF 3,086,624
BRINKMANN, ROLF 3,086,626
BRISTOL-MYERS SQUIBB COMPANY 3,085,333
BRISTOL-MYERS SQUIBB COMPANY 3,085,346
BRISTOL-MYERS SQUIBB COMPANY 3,085,347
BRISTOL-MYERS SQUIBB COMPANY 3,085,817
BRISTOL-MYERS SQUIBB COMPANY 3,085,937
BRISTOL-MYERS SQUIBB COMPANY 3,085,938
BRISTOL-MYERS SQUIBB COMPANY 3,085,942
BRISTOL-MYERS SQUIBB COMPANY 3,086,431
BRITANOVA, OLGA VLADIMIROVNA 3,086,849
BRODERICK, LYNN GOODFELLOW 3,086,341
BROWN, CHRISTOPHER 3,086,485
BROWN, CRAIG JOHNSTONE 3,086,853
BROWN, DAVID R. 3,086,213
BROWN, JEFFREY M. 3,085,964
BROWN, LARRY D. 3,086,204
BROWN, NANCY E. 3,086,492
BROWN, PAUL LESLIE 3,086,591
BRUCE, KEITH 3,086,753
BRUCKNER, LISA 3,085,965
BRUGGER, SAMUEL 3,086,229
BRUNNSHOG ENERGI AB 3,085,537
BRUTON, CONNOR 3,085,971
BRYAN, RUTH A. 3,086,009
BRYAN, WILLIAM B. 3,086,606
BRYANT, GRAHAM J. 3,086,197
BRYJA, VITEZSLAV 3,085,967
BRYON, ROEL MODEST WILLY 3,086,606
BUBEL, THIERRY 3,086,625
BUBLITZ, NICHOLAS JAMES 3,077,993
BUCHIN-ROULIE, VANESSA 3,086,425
BUEGE, BRIAN 3,086,845
BUHOWSKI, CHRISTOPHER THOMAS 3,086,410
BULLOCK, DAVID 3,086,766
BULMAHN, SIMON 3,083,606
BUNKA, CHRISTOPHER ANDREW 3,081,689
BUNNETT, NIGEL 3,086,458
BUNTING JR., ROBERT L. 3,085,947
BUNTING, ROBERT L., JR. 3,085,932
BURGATO, ELISA 3,086,315
BURRELL MINING PRODUCTS, INC. 3,085,877
BURTON, ALLEN W. 3,086,339
BUSEKRUS, DOUGLAS A. 3,086,008
BUSTILLOS, JENNIFFER 3,086,174
BUTZIGER, JOHN M. 3,086,211
BUXTON, CRAIG 3,086,747
BYRON, KAREN 3,086,026
BYSTROM, MAJA 3,086,546
BYUN, HYO JEONG 3,086,227
C6 TECHNOLOGIES AS 3,085,306
CABALLERO TAPIA, MOISES 3,086,049
CACACE, ANGELA M. 3,085,964
CACERES DEL VISO, FELIPE 3,086,811
CADALEN, FRANCOIS 3,086,075
CAI, RONGFU 3,077,834
CAIMI, PERRY G. 3,086,341
CAIN, DAVID MARSHALL 3,086,525
CALABRO, DAVID C. 3,086,340
CALHOUN, EBEN LYNN FALCONER 3,085,326
CALLENDER, ROBERT M. 3,086,069
CAMARERO DIEZ, ROBERTO 3,085,996
CAMPBELL, SAM 3,086,014
CAMPBELL, THOMAS WILLIAM JR. 3,085,312
CAMS, EDDY LUC 3,086,606
CANADY, CHEFFREN 3,086,096
CANADY, JEROME 3,086,096

Index des demandes PCT entrant en phase nationale

CANCER RESEARCH TECHNOLOGY LIMITED 3,085,925
CANETE MARTINEZ, ANTONIO 3,086,389
CAO, HAILONG 3,086,808
CAO, HONG 3,086,161
CAPACITOR SCIENCES INCORPORATED 3,085,341
CAPONE, STEFANIA 3,085,975
CAPRACOTTA, MICHAEL 3,086,816
CARL ZEISS MEDITEC CATARACT TECHNOLOGY INC. 3,085,339
CARLSBERG A/S 3,085,987
CARLSBERG A/S 3,086,078
CARNEGIE MELLON UNIVERSITY 3,086,479
CARNEGIE MELLON UNIVERSITY 3,086,551
CARONIA, PAUL J. 3,086,048
CARRETTE, PIERRE CHRISTIAN MARIE 3,086,195
CARRICO, WILLIAM ALAN 3,086,606
CARVER, JOHN 3,085,875
CARVER, KELLY 3,085,875
CASE WESTERN RESERVE UNIVERSITY 3,086,397
CASELLI, MICHAEL K. 3,086,482
CASSARINO, LEANDRO 3,086,870
CASSARINO, LEANDRO 3,086,874
CASSARINO, LEANDRO 3,086,877
CASSARINO, LEANDRO 3,086,880
CASTILLO, JOSE 3,086,283
CATO, JOHNNY SULLIVAN 3,086,898
CATS TONOMETER LLC 3,086,460
CAUVIN, LAURENT 3,086,523
CAVANAGH, COLIN ROBERT 3,086,620
CEDERBERG, CHAD 3,086,548
CELL CURE NEUROSCIENCES LTD. 3,086,815
CELLECTIS 3,086,267
CENTRE FOR DIGESTIVE DISEASES 3,086,850
CENTRE HOSPITALIER UNIVERSITAIRE 3,086,065
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,086,080
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,086,097
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,086,387
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,086,668
CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB) 3,086,057
CENTRE SCIENTIFIQUE ET TECHNIQUE DU BATIMENT (CSTB) 3,086,427
CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA 3,086,280
CHAFFOTTE-GLUZIKI, PERRINE 3,086,062
CHALAUD, SEBASTIEN CHRISTOPHE 3,086,596
CHAMBERS, LARRY DELYNN 3,086,476
CHAN, HOLLY 3,085,943
CHAN, HOLLY 3,085,944
CHANG, DUSTIN 3,085,902
CHANG, JIN SOOK 3,086,227
CHANG, YUN-PEI 3,086,538
CHARISSE, KLAUS 3,086,485
CHATZIDAKIS, PANTELIS 3,085,898
CHAU, ANH MY 3,086,362
CHAU, ANH MY 3,086,368
CHAU, ANH MY 3,086,370
CHAUDHARI, SACHIN VASANT 3,085,941
CHAUDHARI, SACHIN VASANT 3,086,153
CHAUDHRY, RAHEEL A. 3,086,447
CHAUDHURI, RUPSHA 3,086,083
CHEMOCENTRYX, INC. 3,085,946
CHEMOCENTRYX, INC. 3,086,111
CHEN, BO-RONG 3,086,714
CHEN, GUOJUN 3,086,769
CHEN, JING 3,086,438
CHEN, JING 3,086,471
CHEN, LEI 3,086,618
CHEN, LI YI 3,086,625
CHEN, LIUHONG 3,086,257
CHEN, MINHUA 3,086,611
CHEN, PENGFEI 3,085,352
CHEN, PENGFEI 3,085,932
CHEN, PO-TING 3,086,714
CHEN, QI 3,086,263
CHEN, WEIMING 3,086,805
CHEN, XIANG 3,086,616
CHEN, XIAO DONG 3,086,639
CHEN, YAMEI 3,085,930
CHEN, ZHENG 3,086,433
CHEN, ZHI 3,086,804
CHENG, PETER TAI WAH 3,085,347
CHENG, PETER TAI WAH 3,085,938
CHENG, SHUJIANG 3,086,058
CHENGDU CHEMPHYS CHEMICAL INDUSTRY CO., LTD 3,077,834
CHEON, YONGHUN 3,086,470
CHEUNG, BRANDON 3,086,414
CHEUNG, MAN CHING 3,085,819
CHEVALLEY, SAMUEL 3,086,088
CHEVIS, KENNETH M. 3,085,940
CHIBWANA, CLEMENT CHILOWA 3,086,443
CHIBWANA, CLEMENT CHILOWA 3,086,636
CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD. 3,086,805
CHINA RAILWAY ENGINEERING EQUIPMENT GROUP CO., LTD. 3,086,807
CHINA UNIVERSITY OF MINING AND TECHNOLOGY 3,086,270
CHINALCO MATERIALS APPLICATION RESEARCH INSTITUTE CO., LTD 3,086,808
CHIOU, SHIAN-YI 3,086,714
CHOATE, JOHN R. 3,086,074
CHOE, SUNGHWA 3,085,914
CHOI, IN YOUNG 3,086,474
CHOI, SUNMEE 3,085,914
CHOI, WOO HYUK 3,086,858
CHONAN, TAKESHI 3,086,138
CHONG CONKLIN, BATHSHEBA E. 3,086,438
CHOPRA, PRANAV 3,086,538
CHORVATH, IGOR 3,086,753
CHOW, KAITLYN 3,086,252
CHRISTENSEN, STEVEN 3,086,414
CHU, CHUN KWONG 3,085,973
CHU, CHUN KWONG 3,085,974
CIENA CORPORATION 3,086,549
CIMINO, MARCO 3,086,120
CISCO TECHNOLOGY, INC. 3,086,510
CISCO TECHNOLOGY, INC. 3,086,764
CITRIX SYSTEMS, INC. 3,086,176
CITRIX SYSTEMS, INC. 3,086,212
CIVILETTO, GABRIELE 3,086,250
CIVILETTO, GABRIELE 3,086,321
CIVITAS THERAPEUTICS, INC. 3,085,943
CIVITAS THERAPEUTICS, INC. 3,085,944
CJ CHEILJEDANG CORPORATION 3,086,227
CLAESSENS, BART MATTIE 3,086,606
CLARIPHARM 3,086,386
CLARK, BRYAN A. 3,086,161
CLARKE, JAMES ANTHONY 3,086,681
CLARONAV INC. 3,086,691
CLARY, LAURENCE 3,086,243
CLAUSON, LUKE W. 3,085,339
CLAWSON, SCOTT W. 3,086,526
CLEARCORRECT OPERATING, LLC 3,086,588
CLEMENTS, CHRISTOPHER J. 3,086,672
CLEMENTS, HAROLD 3,086,066
CLERIN, EMMANUELLE 3,086,292
CLEVERS, JOHANNES CAROLUS 3,086,290
CLICHE, DANIEL 3,086,260
COA THERAPEUTICS, INC. 3,086,671
COA THERAPEUTICS, INC. 3,086,711
COATES, JERRY 3,086,708
COBBS, ARCHIBALD LEACH 3,077,993
COBBY, MICHAEL A. 3,086,547
COELHO TRINDADE, JOANA MARIA 3,086,059
COENEGRACHT, PHILIPPE 3,086,606

COFFIN, MAXIME PM 3,085,990
COGEN, JEFFREY M. 3,086,048
COGEN, JEFFREY M. 3,086,605
COGNIZANT TECHNOLOGY SOLUTIONS U.S. CORPORATION 3,085,897
COLGATE-PALMOLIVE COMPANY 3,085,323
COLGATE-PALMOLIVE COMPANY 3,086,058
COLINES S.P.A. 3,086,841
COLLI, CORRADO 3,085,976
COLLINGWOOD, STEPHEN 3,086,747
COLOCYTHAS, KOSMAS 3,086,231
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,086,232
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,086,870
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,086,874
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,086,877
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES 3,086,880
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,086,620
COMMSCOPE TECHNOLOGIES LLC 3,086,606
CONKLIN, BATHSHEBA E. CHONG 3,086,471
CONNOLLY, PETER J. 3,085,337
CONSTELLIUM NEUF-BRISACH 3,086,313
CONSTRUCTION RESEARCH & TECHNOLOGY GMBH 3,086,625
COOL PLANET ENERGY SYSTEMS, INC. 3,086,845
COPLEY, MICHAEL ALAN 3,086,895
CORBETT, SCOTT 3,086,489
CORBIERES, CHRISTOPHE 3,086,865
CORIUM, INC. 3,086,163
CORMEDIX INC. 3,086,396
CORN PRODUCTS DEVELOPMENT, INC. 3,086,217
CORN PRODUCTS DEVELOPMENT, INC. 3,086,750
CORRENTI, MATTHEW DANIEL 3,086,514
CORTE, JAMES R. 3,085,938
COSLEY, JAMES 3,086,204
COURCOL, YVES 3,086,228
COURTEMANCHE, MARC-ANDRE 3,086,753
COUTOS DOS SANTOS VENTURA, SANDRA GABRIELA 3,086,059
COVAULT, RAYNE 3,086,194
COVIDIEN LP 3,086,527
COX, ANDREW 3,086,690
CPPE CARBON PROCESS & PLANT ENGINEERING S.A. 3,086,643
CRAMER, GUY 3,086,351
CREISSELS TECHNOLOGIES 3,086,391
CREISSELS, DENIS 3,086,391
CRISCIONE, JASON M. 3,086,082
CRITITECH, INC. 3,086,014
CROCE, STEFANO 3,086,237
CRONIN, JON ANDREW 3,085,531
CRYONOVE PHARMA 3,086,608
CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD. 3,086,611
CSUTAK, SEBASTIAN 3,086,488
CUENOUD, BERNARD 3,086,250
CUENOUD, BERNARD 3,086,321
CUESTA GARCIA, JULIAN 3,085,553
CULLEY, SCOTT A. 3,085,540
CUMBERBATCH, HELEN 3,086,207
CUNNION, KENJI 3,086,407
CUSTERS, JEROME HUBERTINA HENRICUS VICTOR 3,086,325
CYCLERION THERAPEUTICS, INC. 3,086,207
D'AGOSTINO, VITO GIUSEPPE 3,085,957
D'ARIENZO, GIOVANNI 3,086,644
DA SILVA SAMPAIO E PORTELA, ANA RUTE 3,086,059
DA SILVA TAVARES, ANA SOFIA 3,086,059
DADACHOVA, EKATERINA 3,086,009
DADGAR, MAISAM 3,086,210
DAELS, EVA 3,086,654
DAHL, PER JUUL 3,086,256
DAHL, PER JUUL 3,086,259
DAI, YIHUA 3,077,834
DAI, ZONGFEI 3,086,429
DAIKIN INDUSTRIES, LTD. 3,085,988
DAL LAGO, GIANLUCA 3,086,117
DALI, MENI 3,086,472
DALL'ACQUA, DANIEL 3,086,044
DANIELI & C. OFFICINE MECCANICHE S.P.A. 3,086,116
DANISCO US INC 3,086,341
DANISCO US INC. 3,086,202
DANKMEYER, LYIDA 3,085,344
DANKMEYER, LYIDA 3,085,345
DAUDE, ADRIEN 3,086,435
DAVEY, MARK 3,086,620
DAVIDSON, RYAN JAMES 3,086,497
DAVIS, JOHN MARK 3,077,993
DAVIS, SAMUEL MATTHEW 3,077,993
DAVISON, LAURA MARIE 3,086,665
DAVYDOV, ALBERT 3,086,812
DDP SPECIALTY ELECTRONIC MATERIALS US 8, LLC 3,086,667
DDP SPECIALTY ELECTRONIC MATERIALS US, INC. 3,086,667
DE ALMEIDA MORGADO, JOSE 3,086,059
DE ALWIS WEERASEKERA, HASITHA 3,086,252
DE BONT, JOHANNES HENDRIKUS 3,085,531
DE LA PENA, ELENA 3,086,217
DE LUCA, ROBERTO 3,085,960
DE POOTER, DORIEN 3,086,325
DE POOTER, DORIEN 3,086,327
DE SANTO, CARMELA 3,085,925
DECATHLON 3,086,061
DECEDUE, CHARLES J. 3,086,014
DECHELLIS, MICHAEL 3,086,467
DECKER, DAVID 3,086,770
DEDOMENIC, COREY J. 3,086,537
DEFFENBAUGH, MAX 3,086,526
DEGENHARDT, JOST 3,086,475
DEGROOT JR., JON V. 3,086,753
DEHNE, EVA-MARIA 3,086,392
DEJEY, MARC 3,086,663
DEKEL, DORON 3,086,691
DEL CASALE, ANTONIO 3,085,977
DELAHAYE, TIM 3,086,448
DELAILLE, ARNAUD 3,086,232
DELAVAL HOLDING AB 3,085,981
DELAVAL HOLDING AB 3,086,338
DELBRIDGE, EWAN E. 3,085,881
DELCHAMBRE, ALAIN 3,086,089
DELFIORE, ROBERTO 3,086,117
DELGADO, SERGIO 3,086,678
DELLINGER, RYAN 3,086,535
DEN BRABER, ANTONIE 3,086,215
DENALI THERAPEUTICS INC. 3,086,182
DENOME, FRANK WILLIAM 3,086,689
DENOME, FRANK WILLIAM 3,086,712
DENOME, FRANK WILLIAM 3,086,772
DENOME, FRANK WILLIAM 3,086,822
DENTSPLY SIRONA INC. 3,086,482
DEOLALIKAR, NEELESH V. 3,086,476
DEPOILLY, CHRISTOPHE 3,086,758
DEPUY SYNTHES PRODUCTS, INC. 3,086,188
DERELOV, PETER 3,086,335
DERRICK CORPORATION 3,086,169
DESJARLAIS, JOHN 3,086,199
DESJOYAUX, JEAN-LOUIS 3,086,663
DESPESSE, GHISLAIN 3,086,870
DESPESSE, GHISLAIN 3,086,874
DESPESSE, GHISLAIN 3,086,877
DESPESSE, GHISLAIN 3,086,880
DEUTSCHE TELEKOM AG 3,086,601
DEV, MAYUR 3,086,300
DEVELOPMENT CENTER FOR BIOTECHNOLOGY 3,086,714
DEVIERE, JACQUES 3,086,089
DEVORET, MICHEL 3,085,955
DEVRIES, BRETT E. 3,086,060

DEWDNEY, NADINE 3,085,323
DEWITT, MATTHEW R. 3,086,161
DI FABIO, ROMANO 3,085,976
DIANA, MICHELE 3,086,097
DIAZ-AUNON, JOSE A. 3,086,051
DICERNA PHARMACEUTICALS, INC. 3,086,409
DICKENS, COLIN 3,085,971
DICKENS, COLIN 3,086,072
DIENEMA, MATT 3,086,541
DIETZ, TODD 3,085,985
DIETZ, TODD 3,085,999
DIGREGORY, AUGUST A., JR. 3,086,677
DIJKSHOORN, JOHANNES 3,086,329
DILUCCIO, ROBERT 3,086,396
DING, LIEMING 3,086,054
DISAPPEARS.COM HOLDINGS (CANADA) LTD. 3,086,381
DISKO, MARK M. 3,086,526
DISKO, MARK M. 3,086,529
DISPAGNE, REMY 3,086,634
DISPELIX OY 3,086,317
DISPELIX OY 3,086,418
DITILLO, ALESSANDRO 3,086,675
DITTMER, JEREMY 3,086,809
DIXON, ERIC R. 3,086,678
DIZAL (JIANGSU) PHARMACEUTICAL CO., LTD 3,086,616
DIZEREGA, GERE S. 3,086,014
DJUVE HEGGEBO, JORGEN 3,086,277
DO CARMO CRISPIM RIBEIRO, LUIS FILIPE 3,086,059
DO ROSARIO SILVA ROLEIRA MARINHO, MARIA AUGUSTA 3,086,059
DO, STEVEN 3,086,867
DOCHERTY, JOHN 3,081,689
DODD, DHARMPAL S. 3,085,333
DODD, DHARMPAL S. 3,085,346
DODD, DHARMPAL S. 3,085,817
DODD, DHARMPAL S. 3,085,937
DODD, DHARMPAL S. 3,086,431
DODUCO SOLUTIONS GMBH 3,086,657
DOL, GEORG CHRISTIAN 3,086,394
DOMINGUEZ BERROCAL, LETICIA 3,086,387
DOMINGUEZ HORTA, MARIA DEL CARMEN 3,086,280
DOMINGUEZ, DANIEL ROGER 3,086,206
DONASTORG, HECTOR J. 3,086,447
DONNELLY, JOHN T. 3,086,537
DONOVAN, ALEXANDER 3,085,952
DOULTREMONT, PIETER 3,086,606
DOW GLOBAL TECHNOLOGIES LLC 3,085,928
DOW GLOBAL TECHNOLOGIES LLC 3,086,012
DOW GLOBAL TECHNOLOGIES LLC 3,086,048
DOW GLOBAL TECHNOLOGIES LLC 3,086,605
DOW GLOBAL TECHNOLOGIES LLC 3,086,753
DOW SILICONES CORPORATION 3,086,753
DOW TECHNOLOGY INVESTMENTS, LLC 3,086,069
DREISSIGACKER, UWE 3,086,657
DRINKWATER, BRAD JOHN 3,085,963
DROGE, ALICIA 3,086,468
DROPBOX, INC. 3,085,998
DROPBOX, INC. 3,086,004
DROPULIC, BORO 3,086,612
DROST, JAMES B. 3,086,175
DSM IP ASSETS B.V. 3,085,531
DU, QIANG 3,086,630
DU-THUMM, LAURENCE 3,086,058
DUBIEF, FLAVIEN 3,086,088
DUCHATEAU, PHILIPPE 3,086,267
DUESENFELD GMBH 3,085,965
DUGENNY, SLAV 3,086,276
DULEBA, MARCIN 3,086,765
DUMARGUE, PHILIPPE 3,086,151
DUMAS, DONALD J. 3,086,552
DUMMEN GROUP B.V. 3,086,806
DUNN, COLIN PATRICK 3,086,589
DUNNE, BRIAN 3,086,766
DUPONT NUTRITION BIOSCIENCES APS 3,086,023
DUPONT, DANIEL 3,086,378
DUPONT, GERARD 3,086,426
DURAISAMY, SRINIVASAN KUNCHITHAPATHAM 3,085,817
DURAK, TAHSIN 3,085,310
DURING, MATTHEW 3,085,948
DUTTA, DEBOJYOTI 3,086,510
DYCKMAN, ALARIC J. 3,085,333
DYCKMAN, ALARIC J. 3,085,346
DYCKMAN, ALARIC J. 3,085,817
DYCKMAN, ALARIC J. 3,085,937
DYCKMAN, ALARIC J. 3,085,942
DYCKMAN, ALARIC J. 3,086,431
DYKEMA, KURT ALAN 3,086,060
DZIKI, ADAM 3,085,970
E. I. DU PONT DE NEMOURS AND COMPANY 3,086,552
ECOLAB USA INC. 3,086,524
ECOLE POLYTECNIQUE FEDERALE DE LAUSANNE (EPFL) 3,086,070
EDDER, CARINE 3,085,341
EDER, FLORIAN 3,085,533
EDWARDS LIFESCIENCES CORPORATION 3,086,678
EDWARDS, ANNE V. 3,086,671
EDWARDS, ANNE V. 3,086,711
EDWARDS, JAMES PATRICK 3,085,337
EDWARDS, RANDY 3,086,000
EFFERTZ, CHRISTIAN 3,086,468
EGGINK, LAURA L. 3,086,751
EHRNSPERGER, ERIC 3,086,767
EISAI R&D MANAGEMENT CO., LTD. 3,085,992
EL-KALAY, MOHAMMAD A. 3,086,408
ELAVIA, PERCY HOSHANG 3,086,637
ELBAZ, GILAD 3,086,553
ELESWARAPU, VENUMADHAVA, S. 3,086,010
ELGEE, STEVEN B. 3,086,177
ELHABAZI, KHADIJA 3,086,668
ELI LILLY AND COMPANY 3,085,930
ELICA S.P.A 3,086,120
ELLAM, SARAH 3,086,747
ELLGAS, SIMON 3,086,055
ELLINGER, THOMAS 3,086,295
ELLINGSEN, KJERSTIN 3,086,630
ELLIS, CHRISTINE M. 3,086,855
ELNAGGAR, OMAR 3,086,176
ELWERT, TOBIAS 3,085,965
ELYSIUM HEALTH, INC. 3,086,535
EMANUEL, STUART 3,085,337
EMERY, CLAIR J. 3,086,069
ENDRESS+HAUSER FLOWTEC AG 3,086,077
ENGENDAHL, BART 3,086,697
ENGIN, HATICE BILLUR 3,085,344
ENGIN, HATICE BILLUR 3,085,345
ENIGMATOS LTD. 3,086,472
ENRIQUEZ, GEORGE 3,086,181
ENTERPRISE THERAPEUTICS LIMITED 3,086,747
ENTRY POINT, LLC 3,086,536
ERHEL, PHILIPPE 3,086,225
ERHEL, PHILIPPE 3,086,354
ERICSON, JOHN 3,086,183
ERMANTRAUT, EUGEN 3,086,295
ERNULT, MAGDALENA AMEZQUITA 3,086,680
ESPERA-WERKE GMBH 3,086,003
ESSEX GROUP, INC. 3,086,525
ESSITY HYGIENE AND HEALTH AKTIEBOLAG 3,086,285
ESTELL, DAVID AARON 3,085,344
ESTELL, DAVID AARON 3,085,345
ESTRIPEAU, FREDERIC CLAUDE HERVE 3,086,562
ETCHEPARE, PIERRE-LUC 3,086,758
ETHERIDGE, HARVEY 3,085,907
EUROSPACERS AB 3,086,503
EUROTAB 3,086,068
EVANOSTICS LLC 3,086,538
EVANS, SUSAN FLORENCE 3,085,959
EVERS, BRANDON 3,086,766
EVOLOGIC TECHNOLOGIES GMBH 3,086,081
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,086,170
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,086,173
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,086,339
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 3,086,340

EXXONMOBIL UPSTREAM RESEARCH COMPANY (EMHC-N1-4A-607) 3,086,526
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,086,515
EXXONMOBIL UPSTREAM RESEARCH COMPANY 3,086,529
F-STAR BETA LIMITED 3,086,098
F. HOFFMANN-LA ROCHE AG 3,085,538
F. HOFFMANN-LA ROCHE AG 3,086,276
F. HOFFMANN-LA ROCHE AG 3,086,867
FAIZAKOF, AVRAHAM 3,085,315
FALQUE, ALAIN 3,086,391
FAN, PINGCHEN 3,085,946
FAN, PINGCHEN 3,086,111
FANG, LEI 3,086,434
FANG, TIANAN 3,085,938
FANNING, KEVIN 3,086,194
FARIDMOAYER, AMIRREZA 3,086,262
FARIDMOAYER, AMIRREZA 3,086,264
FARMER, SEAN 3,085,343
FARMER, SEAN 3,086,033
FARMHANNONG CO., LTD. 3,085,361
FAROUDI, MUSTAPHA 3,086,098
FASTENERS FOR RETAIL, INC. 3,086,859
FATTAL, DAVID A. 3,085,870
FATTAL, DAVID A. 3,086,336
FAULKNER, CRAIG FRANK 3,085,963
FEDER, MARCIN 3,086,440
FEDOROVA, ELENA MIKHAILOVNA 3,086,244
FEHRMANN GMBH 3,086,876
FEHRMANN, HENNING 3,086,876
FEIGE, JEROME 3,086,250
FEIGE, JEROME 3,086,321
FEIGL, TOBIAS 3,086,559
FELIS, GIOVANNA 3,085,977
FELLAH, KAMILLA 3,086,519
FEND INCORPORATED 3,086,589
FENG, LIANG 3,086,513
FENG, LIN 3,086,805
FENG, LIN 3,086,807
FENNELLY, TESS 3,086,697
FENOUIL, NATHALIE 3,086,062
FERNANDEZ, ANYSA 3,086,203
FERNANDEZ, ERIC 3,086,870
FERNANDEZ, ERIC 3,086,874
FERNANDEZ, ERIC 3,086,877
FERNANDEZ, ERIC 3,086,880
FERNANDEZ,FARRES, ISABEL 3,086,452
FERNANDEZ-BOJ, SYLVIA 3,086,290
FERREIRA BRANCO MOURAO, RAQUEL ROSA 3,086,059
FERRING B.V. 3,086,767
FG INNOVATION COMPANY LIMITED 3,086,821
FG INNOVATION COMPANY LIMITED 3,086,835
FIDIA FARMACEUTICI S.P.A. 3,086,650
FIEHLER, RYAN 3,086,098
FIELD, CHRISTOPHER 3,086,498
FIFE, KEITH G. 3,086,769
FIGENE, LLC 3,085,984
FIGUEIREDO, EROL 3,086,230
FILLOT, LOUISE-ANNE 3,086,274
FINDLAY, DENISE 3,086,066
FINKE, MICHAEL DEWAYNE 3,086,476
FIORIO, MIRTA 3,085,977
FISCHER, ELMAR 3,086,007
FISHER, THOMAS EDWARD 3,086,076
FISS, ELLEN H. 3,086,276
FJELDHEIM, IVAR 3,086,277
FLEXIBLE STEEL LACING COMPANY 3,086,060
FLITER, KRISTI LYNN 3,086,822
FLOCON, INC. 3,086,191
FLODESIGN SONICS, INC. 3,085,784
FLOYD, THOMAS W. 3,086,438
FLOYD, THOMAS W. 3,086,471
FLYNN, BERNARD LUKE 3,086,458
FOGELBERG, ANDREAS 3,086,103
FOK, ALEXANDER 3,086,472
FOLGORI, ANTONELLA 3,085,975
FOMINAYA GUTIERREZ, JESUS MARIA 3,086,387
FOO, DAVID 3,086,527
FORATTINI LEMOS IGREJA, MARCOS 3,086,252
FOROUGHI, HOMA 3,085,895
FORSCHLER, ROBERT D. 3,086,191
FORSYTH, BRUCE 3,086,161
FOSTER, PAUL THOMAS 3,086,206
FOSTER, TERENCE 3,085,968
FOUBERT, IMOGEN 3,086,654
FOURNIER, JEAN-FRANCOIS 3,086,243
FOURTH PRINCIPLE, LLC 3,086,697
FOWLER, EDWARD A. 3,086,167
FOWLER, EDWARD A. 3,086,171
FRAIL, DONALD E. 3,086,184
FRAIL, DONALD E. 3,086,185
FRANKE, HANSHERMANN 3,086,432
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG EINGETRAGENER VEREIN 3,086,475
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V. 3,086,559
FRAZIER, SHADRACK CGAR 3,086,005
FREDKOF, ORIT 3,086,472
FREEDMAN, BARAK 3,086,542
FREEMAN, JENNY 3,085,819
FRESCHAUF, LAUREN R. 3,086,678
FRICK, CHRISTOPHER D. 3,085,928
FRICK, CHRISTOPHER D. 3,086,012
FRIEBE, DANIELA 3,085,874
FRIEDMAN, URIEL 3,086,472
FRIPP, MICHAEL LINLEY 3,085,990
FRISCHMUTH, THOMAS 3,086,237
FRITZEN, PETRA 3,086,015
FROIDEVAUX, SYLVIE 3,086,310
FROST, SIMON 3,086,212
FRUCHEY, ERIN R. 3,086,170
FRUNZIO, LUIGI 3,085,955
FRYKNAS, MARTEN 3,086,101
FRYMAN, MARSHALL 3,086,664
FTF PHARMA PRIVATE LIMITED 3,086,881
FU, HAODA 3,085,930
FUJIHARA, HIROAKI 3,086,451
FUJIMOTO, NAOKO 3,086,885
FUJISAWA, KOUSHI 3,086,828
FUNAKI, AYUTA 3,086,826
FUNAKI, AYUTA 3,086,827
FUNAKI, AYUTA 3,086,831
FUNAKI, AYUTA 3,086,834
FURLANI, EDWARD P. 3,086,513
FUTTER, RICHARD JOHN 3,086,497
FUWA, MASAHIRO 3,086,445
G+FLAS LIFE SCIENCES 3,085,914
GAAL, SEAN 3,086,753
GABELLIERI, EMANUELE 3,086,759
GACHHADAR, SUMAN 3,086,637
GADDE, RAVI KUMAR 3,086,629
GADDIPATI, SANYASI 3,086,452
GAGNE, SYLVAIN 3,086,854
GAIA USA, INC. 3,086,300
GAIN, PHILIPPE 3,086,065
GAJDOS, MICHAL 3,086,176
GALDERMA RESEARCH & DEVELOPMENT 3,086,243
GALECTO BIOTECH AB 3,086,092
GALESSO, DEVIS 3,086,650
GALLARDO, XAVIER 3,086,212
GAMACHE, YVES 3,086,238
GAMBLE, SAMANTHA JO 3,086,206
GAMBOGI, JOAN 3,086,058
GAMBURG, ORIT 3,086,815
GAN, QIAOQIANG 3,086,513
GANESAN, SAVITA 3,086,490
GAO, JINGSI 3,086,487
GAO, YVONNE 3,085,954
GARCIA GARCIA, EDUARDO JOSE 3,086,693
GARCIA GONZALEZ, ALAN ARMANDO 3,086,606
GARDNER, JOSEPH D. 3,086,447
GARDNER, KEITH 3,086,620
GAREAU, SEBASTIEN 3,086,549
GARHYAN, PARAG 3,085,930
GARIS, FARIS 3,085,976
GAWRYLA, MATTHEW D. 3,086,672
GE, JIANGBO 3,086,613
GEA MECHANICAL EQUIPMENT GMBH 3,081,915
GEBAUER, MANDY 3,086,598
GEBHARD, MATTHEW STEWART 3,085,531
GEENS, JOHAN 3,086,606
GEHO, W. BLAIR 3,086,771
GEHRIS, AMIE 3,086,667
GENECIS BIOINDUSTRIES INC. 3,086,252
GENENTECH, INC. 3,086,900
GENESIS ADVANCED TECHNOLOGY INC. 3,086,234

GENZYME CORPORATION 3,086,186
GENZYME CORPORATION 3,086,484
GERBER, SABINA MARIETTA 3,086,262
GERBER, SABINA MARIETTA 3,086,264
GEVENS, AMANDA J. 3,085,358
GEVO, INC. 3,085,357
GHAFFOUR, NOREDDINE 3,086,235
GHAMMAM, EL MOIZ MOHAMMED MICHEL 3,086,606
GHASEMI, FARSHID 3,086,769
GI INNOVATION, INC. 3,086,222
GI INNOVATION, INC. 3,086,224
GI INNOVATION, INC. 3,086,486
GIANG, LE 3,086,458
GIBLIN, NOELLE 3,086,410
GIEMZA, LEE 3,086,076
GIESE, TIMOTHY J. 3,086,091
GIHLEENGEN, BRITT ELIN 3,086,630
GILL, JAITEN 3,086,381
GILL, MARK 3,086,871
GILL, MARTIN 3,085,964
GILMORE, JOHN L. 3,085,817
GINGRAS, MICHEL 3,086,260
GIRARD, ANAELLE 3,086,015
GIRVIN, STEVEN M. 3,085,954
GIRVIN, STEVEN M. 3,085,955
GIS GAS INFUSION SYSTEMS INC. 3,086,356
GIS GAS INFUSION SYSTEMS INC. 3,086,603
GLASSFORD, DAVID 3,086,356
GLASSFORD, DAVID 3,086,603
GLAXOSMITHKLINE BIOLOGICALS SA 3,085,975
GLAXOSMITHKLINE BIOLOGICALS SA 3,086,262
GLAXOSMITHKLINE BIOLOGICALS SA 3,086,264
GLEBOWSKA, AGNIESZKA 3,085,993
GLICKSMAN, MARCIE A. 3,086,005
GLOBAL EARTH SOLUTIONS, LLC 3,086,708
GLUZCZACK, MICHAEL 3,086,538
GLYCOMIMETICS, INC. 3,085,356
GLYCOSYN LLC 3,085,931
GOBBER, CEDRIC 3,085,996
GOCHI GARCIA, IBON 3,086,389
GOEDEGEBUUR, FRITS 3,085,344
GOEDEGEBUUR, FRITS 3,085,345
GOLBAYANI, PARVIN 3,086,015
GOLD, KAITLIN M. 3,085,358
GOLDBERG, ISAAC 3,085,998
GOLDBERG, ISAAC 3,086,004
GOLDBERG-KIDON, JONATHAN 3,086,414
GOLDFINE, ALLISON 3,086,649
GOLDHAWK, MATTHEW S. 3,086,492
GOLDSTEIN, GREGORY A. 3,086,587
GOLEY, MICHAEL E. 3,086,855
GOLLA, CHRISTOPHER ALLEN 3,086,586
GOLLAN, TAL 3,085,978
GOMMERMAN, JENNIFER 3,086,661
GONDA, IRENE 3,085,993
GONG, GLEN 3,086,408
GONZALEZ BELLO, FLORENCIO JOSE 3,085,994
GONZALEZ LOPEZ, LUIS JAVIER 3,086,280
GONZALEZ, JAIR JAHAZIEL 3,086,540
GOOGLE LLC 3,085,827
GOOGLE LLC 3,085,866
GOOTENBERG, JONATHAN 3,086,550
GORCZYNSKI, REGINALD M. 3,086,860
GORDON, GARY 3,085,951
GORDON, JULIAN 3,086,507
GORGAN, ADRIANA C. 3,086,438
GORIN, JEROME 3,086,546
GOROLL, KATHARINA 3,086,459
GORYAYNOV, ALEXANDER 3,086,769
GORYUNOV, GEORGY P. 3,086,607
GOSKONDA, VENKAT R. 3,086,158
GOULD, DANIEL 3,086,506
GOULD, DANIEL 3,086,508
GPCR THERAPEUTICS, INC. 3,086,337
GRABNER, ROBERT 3,086,430
GRABSTEIN, KENNETH 3,086,040
GRAF, BIRGIT 3,086,237
GRANDI, ELENA 3,086,666
GRANT, ELLIOT 3,086,213
GRAUS FERRER, ALBA 3,085,996
GRAUS FERRER, ALBA 3,085,997
GRAY-OWEN, SCOTT 3,086,690
GREBNER, GOSBERT 3,086,384
GRECI, STEPHEN MICHAEL 3,085,990
GREEN BIOMED, INC. 3,086,456
GREEN, JOHN 3,086,194
GREENE, CLARKE V. 3,086,200
GREENEDEN U.S. HOLDINGS II, LLC 3,085,315
GREGOROVA, MICHAELA 3,085,967
GRENIER, JORDANE 3,086,854
GRIESGRABER, GEORGE W. 3,086,439
GRIFFING, MATTHEW CHASE 3,086,586
GRIFOLS DIAGNOSTIC SOLUTIONS INC. 3,086,449
GRIMALDI, CHARLES 3,086,061
GRIPPLE LIMITED 3,086,076
GRISHKO, ALEKSEJ YUR'EVICH 3,086,241
GRONOWSKI, BOGDAN 3,086,525
GROSS, CRAIG 3,086,753
GROUPE INDUSTRIES FOURNIER INC. 3,086,260
GRUBBS, MATT 3,086,859
GRUBER, TANJA MARIA 3,086,341
GRUNENTHAL GMBH 3,085,874
GRYTSAI, OLEKSANDR 3,086,080
GUALANDI, LAURA 3,085,960
GUALDONI, GUIDO 3,086,085
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,086,695
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,086,702
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,086,722
GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. 3,086,801
GUANGZHOU CELLPROTEK PHARMACEUTICAL CO., LTD 3,086,866
GUDILIN, EVGENIJ ALEKSEEVICH 3,086,241
GUERMOUD, HASSANE 3,086,523
GUERRA, ERIC RAUL 3,086,511
GUERRA, MAYRA PAULINA 3,086,511
GUERRA, XOCHITL BRAHMS 3,086,511
GUERRIER, PAUL 3,086,483
GUGLE, ANJALI 3,086,764
GUGLIELMETTI, THOMAS 3,086,380
GUGUCHKOVA, MARIA TSONTCHEVA 3,085,339
GUIGLIONDA, GILLES 3,086,313
GUNAWARDENA, MAHENDRA 3,086,410
GUNAWARDENA, MAHENDRA 3,086,411
GUNES, ZEYNEL,DENIZ 3,086,452
GUNN, HAROLD DAVID 3,086,832
GUO, BINGSHI 3,086,434
GUO, HAILAN 3,086,753
GUO, XINYI 3,086,690
GUO, YI 3,086,804
GUPTA, JESS 3,086,521
GUPTA, RAJESH K. 3,086,637
GUSTAVSSON, DANIEL 3,086,103
GUSTAVSSON, DANIEL 3,086,192
GUT, PHILIPP 3,086,250
GUT, PHILIPP 3,086,321
GUZZO, LOUIS 3,086,504
HA, DOHYUK 3,086,470
HA, THI LAN 3,086,427
HABGOOD, MATTHEW 3,086,747
HACKEL, BENJAMIN 3,085,781
HACKL, RALPH PETER 3,086,591
HADWEN, BENJAMIN JAMES 3,086,681
HAFSAS, JOHN ERIK 3,086,630
HAGEDORN, PETER 3,085,964
HAIDAR, AHMAD MOHAMAD 3,085,930
HAIR, ROBERT BRUCE 3,086,590
HAKONSEN, ARILD 3,086,630
HALBHERR, STEFAN 3,086,279
HALDOR TOPSOE A/S 3,086,240
HALDOR TOPSOE A/S 3,086,256
HALDOR TOPSOE A/S 3,086,259
HALE, JASON PAUL 3,086,206
HALEMANE, SUKHESH 3,086,629
HALL, JOHN A. 3,086,449
HALL, MEG ELIZABETH 3,086,412
HALLIBURTON ENERGY SERVICES, INC. 3,085,311
HALLIBURTON ENERGY SERVICES, INC. 3,085,990
HALLIBURTON ENERGY SERVICES, INC. 3,086,168

HALLIBURTON ENERGY SERVICES, INC. 3,086,476
HALLIBURTON ENERGY SERVICES, INC. 3,086,534
HALLIBURTON ENERGY SERVICES, INC. 3,086,586
HALTTUNEN, JARMO 3,086,802
HAMEDANI, AZITA 3,085,355
HAN, YUNJUNG 3,085,361
HANEY, MAX 3,076,069
HANG, TIANQI 3,086,114
HANG, TIANQI 3,086,162
HANISCH, CHRISTIAN 3,085,965
HANMI PHARM. CO., LTD. 3,086,474
HANNAH, MATTHEW 3,086,620
HANSEN, ANDERS HELBO 3,086,240
HANSEN, CHARLES ALLAN 3,077,993
HANSEN, DONALD S. 3,086,091
HANYI BIO-TECHNOLOGY COMPANY LTD. 3,086,433
HAQUE, TASIR SHAMSUL 3,085,333
HAQUE, TASIR SHAMSUL 3,085,346
HAQUE, TASIR SHAMSUL 3,085,942
HAQUE, TASIR SHAMSUL 3,086,431
HARGRAVE, JONATHAN DAVID 3,086,747
HARHOLT, JESPER 3,085,987
HARPER, ELICIA K. 3,086,017
HARRELL, BRADLEY G. 3,086,018
HARRIS, KATHERINE 3,086,665
HARRISON, BOYD L. 3,086,189
HARRISON, BOYD L. 3,086,299
HARRISON, WILLIAM JAMES 3,086,025
HARRISON, WILLIAM JAMES 3,086,036
HART, DENNIS 3,086,204
HART, SEAN 3,086,498
HARVEY, BRIAN 3,085,819
HARVEY, LISA 3,085,971
HASAN, FAUAD 3,086,160
HASENBERG, TOBIAS 3,086,392
HASSLER, MICHEL 3,086,090
HATTON, NICHOLAS J. 3,086,414
HAWKINS, MICHAEL 3,086,548
HAY, DUNCAN ALEXANDER 3,086,747
HAYOUN NEEMAN, DANA 3,086,815
HAYWARD, MOLLY 3,086,035
HE, GUO 3,086,485
HEBBLEWHITE, HARRY 3,086,208
HEBERT, COLIN 3,086,498
HEGDE, SUBRAMANYA 3,085,346
HEGDE, SUBRAMANYA 3,085,817
HEGDE, SUBRAMANYA 3,085,942
HEGLER, MATTHEW ALLEN 3,085,872
HEGURI SHIN-ICHI 3,085,986
HEIDTMAN, MATTHEW IAN 3,085,931
HEISKANEN, ISTO 3,085,359
HEISKANEN, ISTO 3,085,919
HELIAE DEVELOPMENT, LLC 3,086,680
HELIXMITH CO., LTD. 3,086,046
HENKEL AG & CO. KGAA 3,086,263
HENKEL IP & HOLDING GMBH 3,086,499
HENNEN, STEPHANIE 3,085,874
HENRY, CHARLES W. 3,086,193
HENRY, RAYMOND J. 3,086,173
HENTSCHEL, KYLE 3,086,594
HEPLER, DANIEL LOREN 3,086,862
HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA 3,086,694
HERANE-VIVES, ANDRES 3,086,330
HERBEPIN, PASCAL 3,086,065
HERMALYN, BRENDAN 3,086,679
HERMALYN, BRENDAN 3,086,809
HERMANSON, GREG T. 3,086,040
HERON, ANDREW JOHN 3,086,681
HERRON, JEFFREY 3,085,928
HERRON, JEFFREY 3,086,012
HERWIG, CHRISTOPH 3,086,081
HERZ, MARCEL 3,086,248
HEXAGON TECHNOLOGY AS 3,086,548
HEYDARI, BEHNAM 3,085,350
HEYDARI, BEHNAM 3,086,410
HEYDARI, BEHNAM 3,086,411
HIBBEN, MARY JANE 3,086,113
HICKOK, SHAWN D. 3,085,787
HIGAKI, TATSUYA 3,086,627
HIGASHI, KENJI 3,086,011
HIGH DESERT RADIOLOGY, P.C. 3,086,844
HILDINGER, THOMAS 3,086,221
HINDS, DAVID 3,086,096
HINKLE, GREGORY 3,086,343
HIPWOOD, LES 3,086,275
HIRE TORQUE LIMITED 3,085,979
HITOMI, MITSUNORI 3,086,016
HOASHI, YASUTAKA 3,086,824
HOEFKER, JARUD H. 3,086,541
HOEKMAN, THOMAS 3,086,336
HOFFMANN, ALEXANDER 3,086,006
HOFFMANN, GEOFFREY WILLIAM 3,086,860
HOFMANN, STEFAN 3,086,002
HOFSTETTER, GREGORY 3,086,203
HOGEMAN, EDWIN 3,086,604
HOKE, JEFFREY B. 3,085,934
HOLDEN, MATTHEW 3,086,681
HOLLAND, GUY 3,086,214
HOLLOPETER, MICHAEL 3,086,901
HOLTSTIEGE, THOMAS 3,086,468
HONG, JUNBAE 3,086,552
HONG, MYOUNG-KI 3,085,361
HOOBER, J. KENNETH 3,086,751
HORAN, KEVIN 3,086,501
HORI, TAKAKO 3,086,835
HORLEN, KYLE 3,086,007
HORRISBERGER, BENN 3,086,175
HORTON, HELEN 3,086,325
HORTON, HELEN 3,086,327
HOTTA, AKITSU 3,086,885
HOU, NA 3,086,712
HOU, XIAOLIN 3,086,882
HOWELL, DAVID A. 3,086,529
HSIEH, WAN-YUN 3,086,183
HSIEH, WEI-CHE 3,086,479
HU, GONGFANG 3,086,180
HU, KAILIANG 3,059,744
HU, QINGYUAN 3,085,934
HU, WEI 3,085,349
HU, WEI 3,086,899
HUANG, CHUNXIANG 3,086,611
HUANG, DAOHUA 3,086,052
HUANG, HAIYONG HUGH 3,085,348
HUANG, HUASHENG 3,085,349
HUANG, HUASHENG 3,086,899
HUANG, JINTAI 3,086,855
HUANG, SUN-JAN ALAN 3,086,689
HUANG, SUN-JAN ALAN 3,086,772
HUANG, XINYUAN 3,086,510
HUANG, YIJUN 3,086,866
HUAWEI TECHNOLOGIES CO., LTD. 3,086,255
HUBBELL INCORPORATED 3,086,506
HUBBELL INCORPORATED 3,086,508
HUBBELL INCORPORATED 3,086,512
HUBLER, FRANCIS 3,086,310
HUBOLD, STEPHAN 3,086,295
HUCK, KAI 3,086,393
HUH, WON-KI 3,086,337
HUHRLIMANN, HANS CASPAR 3,086,598
HUMMEL, AARON 3,086,615
HUMMEL, AARON 3,086,619
HUNTSMAN INTERNATIONAL LLC 3,086,084
HUSQVARNA AB 3,086,103
HUSQVARNA AB 3,086,192
HUSSMANN CORPORATION 3,086,477
HUXLEY, PHILIP 3,086,257
HWANG, JULIA 3,086,188
HYDE, JASON ROBERT 3,086,681
HYDROWORKS, LLC 3,086,197
HYPERSTEALTH BIOTECHNOLOGY CORPORATION 3,086,351
HYSENSBIO 3,086,466
I-MAB BIOPHARMA US LIMITED 3,086,434
I4F LICENSING NV 3,086,800
IBJ TECHNOLOGY IVS 3,086,373
IBRAHIM, YEHIA M. 3,085,929
ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI 3,085,322
ICHIM, THOMAS 3,085,984
ICON HEALTH & FITNESS, INC. 3,085,313
ICU MEDICAL, INC. 3,086,664
IDA, KENTARO 3,085,906
IDEAL POWER INC. 3,086,518
IDORSIA PHARMACEUTICALS LTD 3,086,310
IDOWU, ADEMOLA D. 3,086,069
IFUKU, MASATAKA 3,086,885
IHI CORPORATION 3,086,164
IKEDA, MASAHIRO 3,086,842
IKEDA, SATOSHI 3,086,304
IKEDA, TAKUYA 3,085,906
IKUSHIMA, TAKASHI 3,086,306
IMAMURA, TAKESHI 3,086,888

IMERYS USA, INC. 3,086,015
IMMUTRIX THERAPEUTICS, INC. 3,086,051
IMPETIS BIOSCIENCES LTD. 3,086,282
IMRAN, MIR A. 3,086,007
IMSIROVIC, JASMIN 3,085,819
INAGAKI, TOMOYUKI 3,085,989
INATANI, MASARU 3,086,828
INAVOLU, RACHANA 3,086,158
INCUBE LABS, LLC 3,086,007
INDUSTRIE DE NORA S.P.A. 3,085,966
INFECTION ELIMINATION SOLUTIONS, LLC 3,085,312
INGRAM, PETER 3,086,747
INGRAM-TEDD, ANDREW JOHN 3,086,314
INNIO JENBACHER GMBH & CO OG 3,086,430
INNOMEDICA HOLDING AG 3,086,279
INNOVATIONS MINDTRICK INC. 3,086,592
INOTEV INC. 3,086,238
INOUE, HIROTAKA 3,086,308
INOVA SEMICONDUCTORS GMBH 3,086,002
INSERM (INSTITUT DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,086,292
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 3,086,387
INSPIROTEC, INC. 3,086,507
INSTITUT DE RECHERCHE CONTRE LES CANCERS DE I'APPAREIL DIGESTIF (IRCAD) 3,086,097
INSTITUT GUSTAVE ROUSSY 3,086,628
INSTITUT HOSPITALO-UNIVERSITAIRE DE CHIRURGIE MINI-INVASIVE GUIDEE PAR L'IMAGE 3,086,097
INSTITUT NATIONAL DE LA RECHERCHE SCIENTIFIQUE 3,086,226
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 3,086,080
INSTITUTE OF GEOLOGICAL AND NUCLEAR SCIENCES LIMITED 3,086,497
INSYS DEVELOPMENT COMPANY, INC. 3,086,158
INTERDIGITAL VC HOLDINGS, INC. 3,086,523
INTERVET INTERNATIONAL B.V. 3,085,961
INTUIT INC. 3,085,895
INVENTIA LIFE SCIENCE PTY LTD 3,086,602
IRVINE, DARRELL J. 3,086,205
ISAAC, METHVIN 3,086,362
ISAAC, METHVIN 3,086,368
ISAAC, METHVIN 3,086,370
ISHIDA, TASUKU 3,085,992
ISHIGURO, NORIKO 3,086,662
ISHII, MOTOHAYA 3,086,297
ISHIKAWA, SUGURU 3,086,301
ISIK, HASAN HUSEYIN 3,086,633
ITRON GLOBAL SARL 3,086,179
IWABUCHI, KUMIKO 3,086,885
IWAHASHI, TORU 3,086,220
IXBLUE 3,086,865
IZRAELSON, MARK ALEKSANDROVIC 3,086,849
JABCZYNSKI, WOLFGANG 3,085,360
JABLONSKI, MONICA 3,085,939
JACK, GRAHAM P. 3,086,534
JACKOWSKI, SUZANNE 3,086,671
JACKOWSKI, SUZANNE 3,086,711
JACKSON, MICHELLE 3,085,344
JACKSON, MICHELLE 3,085,345
JACKY, BIRGITTE PS 3,086,184
JACKY, BIRGITTE PS 3,086,185
JACOBMEIER, OLAF 3,086,353
JACOBS, JOHANNES JACOBUS 3,086,446
JACOBS, RALF HENRICUS WILHELMINA 3,086,326
JACQUEL, DOMINIQUE 3,086,527
JADHAV, VASANT 3,086,485
JAGANNATHAN, SRINIVASAN 3,086,168
JAGGER, ERIK 3,086,175
JAHNS, HARTMUT INGO 3,086,485
JAIN, AMIT K. 3,086,163
JAIN, PARAS RAMESHLAL 3,085,941
JAIN, PARAS RAMESHLAL 3,086,153
JAIN, VIPIN 3,086,629
JAKOB, FLORIAN 3,085,874
JAKOBCZYK, ADRIAN 3,085,970
JAMES T. HOLDINGS PTY LTD 3,086,348
JANG, MYOUNG HO 3,086,224
JANG, MYUNG HO 3,086,486
JANOVSKA, PAVLINA 3,085,967
JANSEN, JACO 3,086,329
JANSEN, JACO 3,086,332
JANSEN, JACO 3,086,334
JANSEN, MARTIN HERMANUS MARIA 3,086,215
JANSEN, MAURITS PETRUS MARIA 3,086,326
JANSSEN BIOTECH, INC. 3,085,337
JANSSEN SCIENCES IRELAND UNLIMITED COMPANY 3,086,325
JANSSEN SCIENCES IRELAND UNLIMITED COMPANY 3,086,327
JARPE, MICHAEL 3,086,160
JASTEH, SINA 3,086,447
JASZCZEWSKA, JOANNA 3,086,440
JAUNE, EMILIE 3,086,080
JAYAKAR, SUJAY 3,085,998
JAYAKAR, SUJAY 3,086,004
JEFFREY, EVAN 3,085,827
JEHIER SAS 3,086,435
JELEN, SABINA 3,086,440
JENKINS, LEE 3,086,041
JENSEN, MARIANNE LERBECH 3,085,964
JEONG, HAESEOK 3,086,750
JEONG, JAE GYUN 3,086,046
JEONG, JAE-YEON 3,086,337
JEZEQUEL, OLIVIER 3,086,075
JFE STEEL CORPORATION 3,086,308
JFE STEEL CORPORATION 3,086,888
JHA, BRAJESH 3,085,323
JI, NAN 3,086,763
JIA, LIANHUI 3,086,805
JIANG, HONGJUN 3,077,834
JIANG, LIANG 3,085,954
JIANG, LIANG 3,085,955
JIANGSU HENGRUI MEDICINE CO., LTD. 3,086,429
JIANGSU HENGRUL MEDICINE CO., LTD. 3,086,618
JIN, YOSHINOBU 3,086,453
JO, JEREMY E. 3,086,482
JOERGENSEN, TINA LILLAN 3,086,023
JOHANNSEN, LB 3,086,373
JOHNSON & JOHNSON CONSUMER INC. 3,086,656
JOHNSON & JOHNSON CONSUMER INC. 3,086,684
JOINT STOCK COMPANY "BIOCAD" 3,086,849
JOINT STOCK COMPANY KRASNOYARSK HYDROPOWER PLANT (JSC KRASNOYARSK HPP) 3,086,241
JOLLES, STEPHEN 3,086,463
JOLLES, STEPHEN 3,086,632
JONES, GARETH EVAN LYN 3,085,969
JONES, JASON 3,086,483
JONES, RICHARD EARL JR. 3,085,930
JONGSMA, WIEGARD 3,086,604
JORNET, JOSEP 3,086,513
JOSEPH, ALEXANDRA 3,086,484
JT INTERNATIONAL SA 3,085,962
JT INTERNATIONAL SA 3,086,218
JT INTERNATIONAL SA 3,086,562
JT INTERNATIONAL SA 3,086,693
JT INTERNATIONAL SA 3,086,871
JUAN, CHUN-CHIA 3,086,293
JUAREZ, ALEJANDRO 3,085,949
JUILLERAT, ALEXANDRE 3,086,267
JULIUS-MAXIMILIANS-UNIVERSITAT WURZBURG 3,086,653
JUNG, EUI JOON 3,086,474
JUNG, SUNG YOUB 3,086,474
JURGENS, BASTIAAN FREDERIK 3,086,334
JUUL LABS, INC. 3,086,414
KABIRI, ALI 3,086,769
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 3,086,892
KABUSHIKI KAISHA TOSHIBA 3,086,451

KABUSHIKI KAISHA TOYOTA JIDOSHOKKI 3,085,991
KADAYAM VISWANATHAN, RAVINATH KAUSIK 3,086,519
KALINOWSKA, IWONA 3,086,440
KALLA, MARKUS 3,086,325
KALUSCHKE, TOBIAS 3,086,353
KALYAN, SHIRIN 3,086,832
KAMAL KHAN, MOHAMMAD MOSTOFA 3,086,188
KAMATA, KAZUMA 3,086,828
KAMIR, EYAL 3,086,472
KANADA, FUMITO 3,086,828
KANGAS, MATTHEW A. 3,086,595
KANKKUNEN, JUKKA 3,085,919
KANMERT, DANIEL 3,086,674
KANTAK, AMEYA 3,086,538
KAPER, THIJS 3,085,344
KAPER, THIJS 3,085,345
KAPPEL, BARRY JAY 3,086,768
KAPYLA, ELLI 3,086,188
KAR, KENNETH C. H. 3,086,170
KARDIOZIS SAS 3,086,062
KARL IP HOLDINGS INC. 3,086,818
KARL, BRYCE 3,086,818
KARLIKOW, MARGOT 3,086,593
KARLSSON, MORGAN 3,086,428
KASAJIMA, NAOKI 3,086,826
KASAJIMA, NAOKI 3,086,827
KASAJIMA, NAOKI 3,086,831
KASAJIMA, NAOKI 3,086,834
KASETANI, YASUKI 3,086,020
KASINA, RAMALINGESWAR 3,086,022
KATERJI, ADMAD EL 3,086,489
KATHOLIEKE UNIVERSITEIT LEUVEN 3,086,654
KATO, MASATOMO 3,086,828
KATZENMEYER, BRIAN 3,086,194
KAUG DESIGNS, INC. 3,085,875
KAWABE, YOSHIO 3,086,755
KAWAHARA, YOSHIHIRO 3,086,306
KAZAZIAN, ANTHONY 3,086,050
KEEFE, ANDREW 3,086,181
KEENIHAN, JAMES 3,086,753
KELLAR, KENNETH 3,085,953
KELLY, JULIAN SHAW 3,085,827
KELLY, JULIAN SHAW 3,085,866
KELLY, MICHAEL 3,086,514
KEMMLER, STEFAN JOCHEN 3,086,264
KENJO, ERIYA 3,086,885
KENNEDY, JOHN VEDAMUTHU 3,086,497
KENNEDY, LAWRENCE J. 3,085,938
KERVEC, JONATHAN 3,086,523
KEW, YVONNE 3,086,669
KHAJAVI, HOSSEIN 3,086,195
KHARLAMOV, KONSTANTIN VLADIMIROVICH 3,086,244
KHENOKH, KONSTANTIN I. 3,086,637
KHIRSARIYA, PRASHANT 3,085,967
KHOURY, EDWARD JOSEPH 3,085,958
KICKERT, VINCENT MARTIJN 3,086,491
KIISKI, ULLA 3,086,813
KILGORE, KEVIN L. 3,086,397
KIM, DONG WOOK 3,085,914
KIM, EUNHEE 3,086,337
KIM, HAN SUK 3,086,845
KIM, HYUN KYU 3,086,858
KIM, HYUNG JOON 3,086,227
KIM, JIN YOUNG 3,086,474
KIM, KIJOON 3,086,470
KIM, MICHELLE 3,086,414
KIM, SANG MO 3,086,652
KIM, SEON HYE 3,086,227
KIM, SOHUI 3,086,337
KIM, SU BIN 3,086,046
KIM, TAE-KYUN 3,086,374
KIM, YOUNGBIN 3,086,452
KIRALY, CHRIS 3,086,676
KIRBAS, OGUZ KAAN 3,086,056
KIRBY, DAVID A. 3,086,296
KIRIN HOLDINGS KABUSHIKI KAISHA 3,086,456
KIRKWOOD, KEITH W. 3,085,327
KITAHARA, ISAMU 3,086,183
KITAMURA MACHINERY CO., LTD. 3,086,331
KITAMURA, AKIHIRO 3,086,331
KITAMURA, KOSAKU 3,086,331
KITAOKA, MAYA 3,086,178
KITTELTY, DANIEL ARTHUR 3,086,591
KLASSEN, JAMES BRENT 3,086,234
KLAUS, RICHARD I. 3,086,177
KLAUSNER, JOHANN 3,086,430
KLEIMANN, THOMAS 3,081,915
KLEIVEN, SVEIN 3,085,980
KLEN, JOSEPH 3,086,113
KLESMITH, JUSTIN 3,085,781
KLIMOV, PAUL 3,085,866
KLING, ROBERT 3,086,285
KLINGAMAN, TRACY E. 3,086,855
KLUGE, ARTHUR F. 3,086,763
KLUN, THOMAS P. 3,086,438
KLUN, THOMAS P. 3,086,471
KLYMCHENKO, ANDREY 3,086,097
KMEC, TOMAS 3,086,176
KNAUF GIPS KG 3,086,384
KNUDSEN, SOREN 3,085,987
KNUDSEN, SOREN 3,086,078
KNUTSON, PERRY 3,086,209
KO, SEUNGTAE 3,086,470
KOBAYASHI, HIROSHI 3,086,627
KOBIKI, MITSUAKI 3,086,820
KOBUKE, MAKOTO 3,086,183
KOGA, YUKINORI 3,085,989
KOLEKAR, NITIN S. 3,086,411
KOMATSU FOREST AB 3,086,272
KONG, SEONG-HO 3,086,097
KONIG, YOCHAI 3,085,315
KONINKLIJKE NEDERLANDSE AKADEMIE VAN WETENSCHAPPEN 3,086,290
KONISHI, TAKAYOSHI 3,086,165
KONNO, ATSUSHI 3,085,991
KONO, RISA 3,086,303
KONOV, PAVEL MARTINOV 3,086,699
KONUKOGLU, HAKAN 3,086,287
KONYA, AHMET 3,085,538
KOPELMAN, AVI 3,086,553
KORDES, MARKUS 3,086,273
KORNILOV, GEORGIY VALENTINOVICH 3,086,244
KORUS, ANTON 3,085,971
KOSMICKI, RANDY JAMES 3,086,041
KOVALCHICK, CHRISTOPHER 3,085,930
KOWA COMPANY, LTD. 3,085,951
KOYA, VIJAY 3,086,161
KOZLOWSKI, MARCIN 3,085,970
KOZUBAL, CHERYL 3,085,323
KOZYNCHENKO, OLEKSANDR 3,086,051
KRAFT-OZ, ODED SHLOMO 3,085,978
KRAGH, LENE 3,086,023
KRAUS, NICHOLAS 3,086,506
KRAUS, NICHOLAS 3,086,508
KRAUS, STEPHEN R. 3,086,007
KRAUTBAUER, KEVIN 3,086,175
KRAUTWASCHL, PAUL 3,086,081
KRAYNACK, BRYAN 3,086,320
KRETZSCHMAR, KAI 3,086,290
KRISHNA, NEEL K. 3,086,407
KRISHNAN, SHWETA 3,086,498
KRISTLBAUER, JURGEN 3,086,094
KRISTLBAUER, JURGEN 3,086,247
KRISTLBAUER, JURGEN 3,086,319
KROSAKIHARIMA CORPORATION 3,085,900
KRUCEWICZ, KATARZYNA 3,086,078
KRUGER, SEBASTIAN 3,085,874
KRUGLIAK, ZINOVY B. 3,086,586
KUBOTA CORPORATION 3,086,011
KUBUSHIRO, KEIJI 3,086,164
KUHN, MARTIN 3,086,459
KULKARNI, POOJA 3,085,323
KUMAR, AMIT 3,085,354
KUMAR, RAJESH 3,086,764
KUMAR, SREEKANTHA RATNA 3,085,346
KUMAR, SREEKANTHA RATNA 3,085,817
KUMAR, SREEKANTHA RATNA 3,085,937
KUMAR, SREEKANTHA RATNA 3,085,942
KUMS, JULIANE 3,086,653
KUNTZ, KEVIN WAYNE 3,085,353
KUO, ERIC 3,086,553
KURABE INDUSTRIAL CO., LTD. 3,086,020
KURARAY CO., LTD. 3,086,016
KURYATNIKOV, ANDREY BORISOVICH 3,086,244
KUSAKABE, YURI 3,085,906
KWIATKOWSKI, MAREK 3,086,651
KWS SAAT SE & CO. KGAA 3,086,615
KWS SAAT SE & CO. KGAA 3,086,619
KWS SAAT SE & CO. KGAA 3,086,673
KYMERA THERAPEUTICS, INC. 3,086,763
KYOTO UNIVERSITY 3,086,885

Index des demandes PCT entrant en phase nationale

KYOWA HAKKO KIRIN CO., LTD. 3,086,842
LA CHANVRIERE 3,086,378
LA, DANIEL 3,086,189
LA, DANIEL 3,086,299
LABS, MATHIAS 3,086,615
LABS, MATHIAS 3,086,619
LACAZE, ISABELLE 3,086,057
LACHINE, RANDALL S. 3,086,173
LACKEY, JEREMY 3,086,769
LACY, CHRISTOPHER A. 3,086,175
LAGARDE, OLIVIER 3,086,426
LAHM, ARMIN 3,085,975
LAI, JOHN 3,085,998
LAIGHTON, CHRISTOPHER M. 3,086,017
LANDIS+GYR INNOVATIONS, INC. 3,086,000
LANDIS+GYR INNOVATIONS, INC. 3,086,770
LANDIS+GYR LLC 3,086,008
LANGE, CHRISTOPHER W. 3,085,946
LANGE, CHRISTOPHER W. 3,086,111
LANGSENLEHNER, MANFRED 3,086,430
LANNAN, THOMAS JOHN 3,086,047
LANXESS DEUTSCHLAND GMBH 3,086,223
LAQUERRE, SYLVIA 3,085,337
LARSON, ADAM 3,085,339
LARSSON, FREDRIK 3,086,038
LARSSON, ROLF 3,086,101
LARUE, CLAYTON T. 3,086,855
LATECOERE 3,085,530
LAU, WARREN 3,086,490
LAUFER, WILHELM 3,086,223
LAUSTER, REINHARD 3,086,601
LAZA-KNOERR, ANCA L. 3,086,151
LE COURT, CLARISSE 3,086,386
LE GUILLOU, RENE 3,086,634
LE PACHE, GWENOLE YANN 3,086,596
LEACH, MATTHEW 3,086,525
LEADLEY, DAVID 3,086,071
LEBEL BINAY, SOPHIE 3,086,387
LEDAL, RUNE 3,086,630
LEDBETTER, FINLEY LEE 3,086,109
LEDGER, SAS 3,086,863
LEDMAN OPTOELECTRONIC CO., LTD. 3,086,052
LEDUC, DIMITRI 3,086,089
LEE, EUN SOO 3,086,163
LEE, FRANCIS 3,086,522
LEE, JI HYUN 3,086,466
LEE, JI YEONG 3,086,337
LEE, JUNG HUN 3,086,046
LEE, JUNG HYUK 3,085,914
LEE, JUNGGIL 3,086,235
LEE, JUNGYUB 3,086,470
LEE, KWANG WOO 3,086,227
LEE, MILIM 3,086,337
LEE, RICHARD E. 3,086,671
LEE, RICHARD E. 3,086,711
LEE, SANG CHEON 3,086,589
LEE, SANGHO 3,086,470
LEE, SANGWON 3,085,322
LEE, STEVEN 3,085,925
LEE, WEN SHENG 3,085,928
LEE, WEN SHENG 3,086,012
LEE, YOUNGJU 3,086,470
LEE, YOW-YEEN 3,086,515
LEESON, KIM 3,085,907
LEFEBVRE, BRIAN G. 3,086,341
LEGARE, FRANCOIS 3,086,226
LEHMANN, MARKUS 3,086,610
LEHNER, MANFRED 3,086,032
LEI, HONGJIAN 3,086,613
LEIA INC. 3,085,870
LEIA INC. 3,086,336
LENTIGEN TECHNOLOGY, INC. 3,086,612
LEONARDO MW LIMITED 3,086,275
LESNIAK, EWELINA 3,085,323
LESNIAK, STEVEN J. 3,085,947
LESTER, BRIAN 3,085,954
LEUSHUIS, RAYMOND JOSEPH 3,086,329
LEUSHUIS, RAYMOND JOSEPH 3,086,332
LEV-TOV, AMIR 3,085,315
LEVEILLARD, THIERRY 3,086,292
LEVENEUR, JEROME 3,086,497
LEVER, WILLEMIJN 3,086,332
LEVY, LAURENT 3,085,534
LEWANDOWSKI, WOJCIECH 3,086,440
LG CHEM, LTD. 3,086,858
LI, CHENGWEN 3,085,945
LI, DACHAO 3,086,048
LI, DACHAO 3,086,605
LI, HUI 3,059,744
LI, JIANBIN 3,086,805
LI, JUN 3,085,938
LI, LUN 3,086,254
LI, MANTIE 3,086,052
LI, MENG 3,086,433
LI, PENGQI 3,086,613
LI, QUANCHANG 3,086,340
LI, TSUNG-HUI 3,086,714
LI, VINCENT W. 3,086,710
LI, WILLIAM W. 3,086,710
LI, XUEJIAN 3,085,870
LI, XUEJIAN 3,086,336
LI, YALI 3,077,834
LI, YUFANG 3,086,499
LI, YUNFENG 3,077,834
LI, ZHENGTAO 3,086,616
LI, ZHENPENG 3,086,492
LIANG, ALFRED CHI-YEH 3,086,767
LIANG, JASON ZHI 3,085,897
LIAO, CHU-BIN 3,086,714
LIBBRECHT, ALANNA WING 3,086,410
LIF, JAN 3,085,919
LIM, JUNGHAK 3,085,914
LIMAYE, AMIT 3,085,354
LIMBACH, KIRK W. 3,085,928
LIMBACH, KIRK W. 3,086,012
LIMEM, SKANDER 3,086,198
LIN, EDISON 3,086,652
LIN, HUEI-MING 3,086,801
LIN, JIANG 3,086,804
LIN, SUIZHEN 3,086,866
LIN, WEIPING 3,086,183
LINDBO, LARS SVERKER TURE 3,086,314
LINDNER, TALY PNINA 3,085,922
LINDSEY, JONATHAN S. 3,086,180
LINGS, PAUL SIMON 3,085,958
LINN, MICHAEL 3,086,432
LIPKENS, BART 3,085,784
LIPP, MICHAEL M. 3,085,943
LIPP, MICHAEL M. 3,085,944
LIU, CHARLES 3,086,898
LIU, CHEN 3,086,489
LIU, CHENG 3,086,808
LIU, JIANHUA 3,086,695
LIU, JIUYU 3,086,711
LIU, LAN HONG 3,086,438
LIU, LAN HONG 3,086,471
LIU, RUI 3,086,180
LIU, WEICHANG 3,086,547
LIU, WENGENG 3,086,616
LLORENTE ALONSO, JOAQUIM 3,085,997
LLORENTE ALONSO, JOAQUIM 3,086,049
LLOYD, DEBBIE LEE 3,086,610
LOBB, ROY 3,085,781
LOCHTMAN, SERGE 3,086,547
LOCUS IP COMPANY, LLC 3,085,343
LOCUS IP COMPANY, LLC 3,086,033
LOK, FINN 3,085,987
LOK, FINN 3,086,078
LOMBARD, PETER THOMAS 3,084,392
LOMBARDINI, NICOLA 3,086,841
LONCAREVIC, IVAN 3,086,295
LONG, THOMAS 3,086,026
LONGO, MICHAEL A. 3,086,025
LONGO, MICHAEL A. 3,086,036
LONGUET, JEAN-PHILIPPE 3,086,075
LOPER, CAMERON 3,085,355
LOPEZ ABAD, CRUZ MATILDE 3,086,280
LOPEZ, YAN 3,086,870
LOPEZ, YAN 3,086,874
LOPEZ, YAN 3,086,877
LOPEZ, YAN 3,086,880
LORENZI, ROBERTO 3,086,268
LTS LOHMANN THERAPIE-SYSTEME AG 3,086,432
LU, AIJUN 3,086,867
LU, XULIANG 3,086,270
LUBBE, DARLENE ELIZABETH 3,086,610
LUCEY, TIMOTHY JUSTIN 3,086,041
LUCHANSKY, MATTHEW S. 3,085,927
LUI, REBECCA M. 3,086,111
LUKYANOV, SERGEY ANATOLIEVICH 3,086,849
LUMACYTE LLC 3,086,498
LUMIRADX UK LTD 3,086,320
LUPASCU, SORIN 3,086,515
LUQUE VERA, SERGIO 3,086,049
LURIE, KEITH G. 3,086,201
LUTRON TECHNOLOGY COMPANY LLC 3,086,296

LUXEMBOURG INSTITUTE OF SCIENCE AND TECHNOLOGY (LIST) 3,086,087
LV, DAN 3,086,805
LV, DAN 3,086,807
LY, DANITH H. 3,086,479
LY, DANITH H. 3,086,551
LYON, MATTHEW GERARD 3,086,816
LYV LIFE, INC. 3,086,035
M & J SCIENTIFIC, LLC 3,076,069
M'HAMDI, MOHAMMED 3,086,630
MA, CHUN YAN 3,086,747
MA, MING 3,085,870
MAATMAN, IVO 3,086,604
MABON, ROSS 3,086,339
MAC CORMICK, SOMHAIRLE 3,086,233
MACINNES, ALISON 3,086,487
MACORI, FABRIZIO 3,086,675
MADER, SEBASTIAN 3,083,127
MADHANI, DIPTI 3,086,026
MAEHATA, RYOTA 3,086,303
MAGIC LEAP, INC. 3,086,206
MAGIC LEAP, INC. 3,086,542
MAGIC SOLUTION CREATIVE COMMUNICATION AND COMPUTING LTD 3,086,216
MAGNA EXTERIORS INC. 3,086,328
MAGNANI, JOHN L. 3,085,356
MAHAVADI, SHARATH CHANDRA 3,086,519
MAHONEY, LOUISE A. 3,086,069
MAIER, MARTIN 3,086,485
MAININI, CHRISTOPHER E. 3,085,320
MAINOLFI, NELLO 3,086,763
MAIORANA, STEFANO 3,085,976
MAIRESSE, BASTIEN 3,086,283
MAJOOR, MARKUS OLIVER 3,086,215
MAKEEV, IVAN 3,086,381
MAKINO MILLING MACHINE CO., LTD. 3,086,284
MAKITA, YUKIMASA 3,086,885
MAKO NETWORKS NZ LIMITED 3,086,895
MALATHONG, VIENGKHAM 3,085,946
MALATHONG, VIENGKHAM 3,086,111
MALESIL RESEARCH & TECHNOLOGY LLC 3,085,994
MALHOTRA, SUSHANT 3,086,867
MALI, VENKAT REDDY 3,085,946
MALI, VENKAT REDDY 3,086,111
MALIK, SHIAZAH Z. 3,086,184
MALINOFSKY, ANDREW ERIC 3,086,107
MALKA, DORON 3,086,553
MALKA, YEHONATAN SHLOMO 3,086,472
MALLIPEDDI, SRIKRISHNAN 3,085,931
MALM, ANNIKA 3,086,802
MAMAI, AHMED 3,086,366
MAMAI, AHMED 3,086,368
MAMAI, AHMED 3,086,370
MANDAL, JAYANTA KUMAR 3,086,881
MANI, MEHDI 3,086,179
MANOHARAN, MUTHIAH 3,086,485
MAO, MIN 3,086,712
MARCOTULLI, ERIC 3,086,535
MARCOZ, ALAIN 3,085,972
MARELLA, MICHAEL A. 3,086,339
MARIN, DENIS 3,086,608
MARJAN, CHRISTOPHER 3,086,468
MARK WOOD, STEPHEN 3,085,808
MARMON, THOMAS ROSS 3,086,606
MAROTTA, ANGELA 3,085,977
MARR, HARRY B. 3,086,028
MARRI, LUCIA 3,086,078
MARSHALL, STEPHEN HENRY 3,086,041
MARTELLI, MANUELE 3,086,120
MARTIN, JEFFREY REINO 3,086,670
MARTIN, JURGEN 3,086,384
MARTIN, RICHARD 3,086,260
MARTINA, ERIC 3,086,518
MARTINS CARDOSO DE MAGALHAES, PEDRO JOSE 3,086,059
MARTY, JEAN-LUC 3,086,426
MARX, UWE 3,086,392
MAS ROSIQUE, MARIA LUISA 3,086,389
MASARYKOVA UNIVERZITA 3,085,967
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,086,205
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 3,086,550
MASSE, JEAN-PHILIPPE 3,086,313
MASUTA, KEIICHI 3,086,889
MATCO TOOLS CORPORATION 3,086,194
MATSUDA, SHIGEO 3,086,485
MATSUMOTO, SATORU 3,086,824
MATSUURA, TAKESHI 3,086,235
MATTE, GUILLAUME 3,086,865
MATTERN, RALPH-HEIKO 3,086,408
MATTHEWS, MARTIN R. 3,086,328
MAZUR, MARIA 3,086,440
MAZZA, ARNON 3,085,315
MCCAFFERTY, SEAN J. 3,086,460
MCCARTHY, CLIVE 3,086,747
MCCLOREY, MATTHEW 3,086,014
MCCLOSKEY, JENNY COLLEEN 3,086,554
MCCOY, JOHN M. 3,085,931
MCDONALD, IVAR M. 3,085,964
MCFARLAND, BRUCE 3,085,920
MCHALE, DUNCAN 3,086,463
MCHALE, DUNCAN 3,086,632
MCININCH, JAMES D. 3,086,343
MCINNIS, MASON 3,086,766
MCKENNA, MICHAEL 3,086,045
MCKEON, FRANK 3,086,765
MCMICHAEL, JOHN 3,086,642
MCSORLEY, FERN 3,086,490
MEALEY, SHAWN 3,086,753
MEDIZINISCHE UNIVERSITAT WIEN 3,086,085
MEEUSE, FREDERIK MICHIEL 3,086,394
MEGIDESH, YAACOV 3,086,333
MEHTA, SANDIP P 3,086,881
MEI, YU 3,086,619
MEIER, IAN ROBERT 3,086,352
MEIRI, GIDEON 3,085,978
MELLE HANNAH, MIDEN 3,086,278
MENG, QIANG 3,077,834
MENICONI, LUCA 3,086,120
MERCED, ANGEL 3,085,985
MERCED, ANGEL 3,085,999
MERCIER, JULIEN 3,086,425
MERCK PATENT GMBH 3,086,172
MEREDITH, JERE E., JR 3,085,964
MERIGHI, MASSIMO 3,085,931
MERITAGE PHARMA, INC. 3,086,022
MERLOTI, PAULO 3,086,676
MERMERIAN, ARA 3,086,207
MERRIL, CARL 3,085,314
MERRIL, GREG 3,085,314
MERTENS, BENJAMIN 3,086,089
MERTZ, BILLY 3,086,859
MERU, ASHWIN 3,086,282
MERUTKA, GENE 3,086,768
METCHIK, ASHER L. 3,086,678
MEYERSON, ELLIOT 3,085,897
MEYRE, MARIE-EDITH 3,085,534
MIATT, PETER 3,085,881
MICROVASCULAR TISSUES, INC. 3,086,408
MIDAVAINE, THIERRY 3,086,228
MIIKKULAINEN, RISTO 3,085,897
MILANAK, JR., STEPHEN L. 3,086,537
MILESTONE AV TECHNOLOGIES LLC 3,085,821
MILLER, DENNIS 3,086,040
MILLER, LONE BROEND 3,086,023
MILLER, SCOTT 3,086,753
MILLET, GARY 3,086,517
MINAMI, MOTOKI 3,086,297
MINENO, MASAHIRO 3,086,824
MINOAN MEDICAL (PTY) LIMITED 3,086,610
MISIRLI, MELDA 3,085,823
MITCHELL, AOY TOMITA 3,085,933
MITCHELL, MICHAEL 3,085,933
MITCHELL, RUSS 3,086,766
MITTAL, AMIT 3,086,764
MITULESCU, RAZVAN 3,086,691
MIYAKE, SEIJI 3,086,828
MIYAMOTO, RYOICHI 3,086,284
MIYANO, MASAYUKI 3,085,992
MLADENTSEV, DMITRY Y. 3,086,607
MO, Y. JOSEPH 3,085,973
MO, Y. JOSEPH 3,085,974
MOCHIZUKI, HIDEKI 3,086,220
MODELSKA, ANGELIKA 3,085,957
MOELKER, DAVID ADRIAN 3,086,060
MOELLENDICK, TIMOTHY E. 3,086,155
MOFFAT, WILLIAM ALEXANDER 3,085,326
MOFFAT, WILLIAM ALEXANDER 3,085,327
MOHAMED, TAMER 3,086,188
MOLDAKOZHAYEV, ALIBEK 3,086,033
MOLETTE, JEROME 3,086,759
MOLONEY, PATRICK 3,085,971
MOLONEY, PATRICK 3,086,072

MONSANTO TECHNOLOGY LLC 3,086,487
MONSANTO TECHNOLOGY LLC 3,086,855
MONSEES, JAMES 3,086,414
MONTANINI, VIRGINIA 3,086,449
MONTEITH, SHAWN 3,086,506
MONTEITH, SHAWN 3,086,508
MONTEITH, SHAWN 3,086,512
MOOG INC. 3,086,483
MOOKHTIAR, KASIM 3,086,282
MOON, JEONG JU 3,086,858
MOORE, MARBERT 3,086,588
MOORE, TIMOTHY GRAEME 3,086,253
MOORE, TIMOTHY GRAEME 3,086,349
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MORETTI, ROSS A. 3,086,537
MORHAIN, CEDRIC 3,085,997
MORRIS, MARK 3,086,535
MOSCA, FREDERIC 3,086,865
MOSHE, MAAYAN 3,086,553
MOSHIR, MAHAN 3,086,448
MOSIER, PATRICK E. 3,085,881
MOULARAT, STEPHANE 3,086,057
MOUSTAFA, MOHAMMED 3,085,939
MOWISCH, ANJA 3,086,063
MOYANO, DANIEL F. 3,085,927
MOYER, TYSON 3,086,205
MUELLER, GILBERT 3,086,079
MUKKAMALA, RAVINDRANATH 3,086,524
MULDER, HARM JAN 3,085,344
MULDER, HARM JAN 3,085,345
MULLER, MARKUS 3,086,262
MULLIGAN, JUSTIN BERNARD 3,085,958
MULLINS, CLIVE EDWARD 3,086,862
MULLINS, DAVID W. 3,086,832
MULTI4 AB 3,086,278
MUNOZ DE LA TORRE ALONSO, MIGUEL ANGEL 3,086,389
MURAKAMI, MASUMI 3,086,842
MURASE, TSUYOSHI 3,086,220
MURPHY, ANDREW L. 3,086,414
MURPHY, MARK 3,086,310
MURPHY, MICHAEL P. 3,076,069
MURPHY, RONALD P. 3,086,211
MURRAY, IAN STEWART ALEXANDER 3,085,968
MUSIAK, RONALD 3,085,784
MUSSAI, FRANCIS JAY 3,085,925
MUSSARI, CHRISTOPHER P. 3,085,346
MUSSARI, CHRISTOPHER P. 3,085,817
MUSSARI, CHRISTOPHER P. 3,085,937
MUSSARI, CHRISTOPHER P. 3,085,942
MUSSARI, CHRISTOPHER P. 3,086,431
MUTSCHLER, CHRISTOPHER 3,086,559
MYCO INDUSTRIES, INC. 3,086,074
MYERS, SAMUEL JAMES 3,086,602
MYERS, VERNE 3,086,411
MYERS, VERNE H. 3,086,410
MYLLARINEN, PAIVI 3,086,073
NABI, ZEENAT 3,086,058
NAGAI, TOSHIKAZU 3,086,020
NAGATA, FUKUHITO 3,086,284
NAGATA, SATOSHI 3,086,882
NAIKI, MITSURU 3,086,220
NAIR, JAYAPRAKASH K. 3,086,485
NAIRN, NATALIE WINBLADE 3,086,040
NAJJAR, PAULINE MAREE 3,086,591
NAKAI, TAKASHI 3,086,207
NAKAJIMA, YUJI 3,086,303
NAKAMICHI, RYO 3,086,892
NAKANISHI, TOMOHIRO 3,086,297
NAL PHARMACEUTICAL GROUP LIMITED 3,085,973
NAL PHARMACEUTICAL GROUP LIMITED 3,085,974
NAMBA, HIDEO 3,086,821
NAMPALLY, SREENIVASACHARY 3,086,759
NANOBIOTIX 3,085,534
NAPIER, SPENCER 3,086,747
NARAYAN, MURLI 3,086,501
NARAYANAN, ESHWARAN 3,086,158
NARINE, ARUN 3,086,083
NATARAJAN, AMARNATH 3,086,001
NATIONAL RESEARCH COUNCIL OF CANADA 3,086,690
NATIONAL UNIVERSITY CORPORATION CHIBA UNIVERSITY 3,086,454
NEEFS, JEAN-MARC EDMOND FERNAND MARIE 3,086,325
NEEFS, JEAN-MARC EDMOND FERNAND MARIE 3,086,327
NELKE, JOHANNES 3,086,653
NELSON, DANIEL 3,086,766
NEMEC, VACLAV 3,085,967
NESTE OYJ 3,086,802
NESTE OYJ 3,086,813
NESTLE SKIN HEALTH SA 3,086,428
NETWORK IMMUNOLOGY INC. 3,086,860
NETZER, NIR 3,086,815
NEUFELD, JOERG 3,086,624
NEUFELD, JOERG 3,086,626
NEUGATE PHARMA, LLC AKA NEUGATE THERANOSTICS 3,086,669
NEWELL, MATTHEW 3,085,339
NEWMAN, MORGEN 3,086,035
NG, ROBERT 3,086,045
NGUON, LISA 3,086,068
NGUYEN, MINH AN THI 3,086,537
NICHIBAN CO., LTD. 3,085,989
NICHIHA CORPORATION 3,086,304
NICOVENTURES TRADING LIMITED 3,085,970
NICOVENTURES TRADING LIMITED 3,085,971
NICOVENTURES TRADING LIMITED 3,086,013
NICOVENTURES TRADING LIMITED 3,086,071
NICOVENTURES TRADING LIMITED 3,086,072
NIELSON, RYAN LOUIS 3,086,273
NIEMAN, GERT 3,086,266
NIEMEYER, DIERK 3,086,459
NIFCO INC. 3,086,020
NIJSSE, JAAP 3,086,266
NIKON CORPORATION 3,086,755
NILSSON, ANDERS 3,086,053
NILSSON, MATS 3,086,281
NIPPON STEEL CORPORATION 3,086,298
NIPPON STEEL CORPORATION 3,086,461
NIPPON STEEL CORPORATION 3,086,462
NIPPON TELEGRAPH AND TELEPHONE CORPORATION 3,086,297
NIPPON ZOKI PHARMACEUTICAL CO., LTD. 3,086,220
NISHIMOTO, TAKUMI 3,086,461
NISHIOKA, HIDENORI 3,086,304
NISHITA, MITSUNORI 3,086,016
NISHIYAMA, YOSHITAKA 3,086,461
NISIC, FILIPPO 3,085,976
NITTO DENKO CORPORATION 3,086,183
NIU, GUANMEI 3,086,808
NIZARD, ELIAHOU, FRANKLIN 3,086,553
NOETIC TECHNOLOGIES INC. 3,086,044
NOGATA, MIHO 3,086,828
NOGUCHI, YASUMOTO 3,086,306
NOILE-IMMUNE BIOTECH, INC. 3,086,658
NORMANDIN, XAVIER 3,086,228
NORSK HYDRO ASA 3,086,630
NORTH CAROLINA STATE UNIVERSITY 3,086,180
NORTIO, JENNI 3,086,813
NOTARANGELO, MICHELA 3,085,957
NOURYON CHEMICALS INTERNATIONAL B.V. 3,086,215
NOVAK, JULIA 3,086,040
NOVARTIS AG 3,086,649
NOVOZYMES BIOAG A/S 3,085,953
NOWE, WILLE 3,086,491
NTT DOCOMO, INC. 3,086,882
NTT ELECTRONICS CORPORATION 3,086,297
NUCKOLS, MICHEL 3,085,540
NUTTER, JOHN M. 3,086,091
NWOSISI, JULIANA 3,086,058
NYARKO, SAMUEL 3,085,323
NYBERG ZETTERLUND, ANNA 3,085,919
NYGREN, PETER 3,086,101
O'BRIEN, BEATRICE T. 3,086,196
O'DOWD, HELEN 3,085,993
O'HEERON, PETE 3,085,984
O'MAHONY, AIDAN PATRICK 3,086,602
O'MAHONY, KIERAN JOSEPH 3,086,602
O'NAGY, OLIVER 3,086,087
O'NEIL, VIRGIL 3,086,204

OAKES, LANDON J. 3,086,537
OBINGER, CHRISTIAN 3,086,032
OBITTS, SHANE 3,086,859
OCADO INNOVATION LIMITED 3,086,314
OCHIAI, RUMIKO 3,086,885
ODDOS, THIERRY 3,086,656
ODDOS, THIERRY 3,086,684
OGANA, HEATHER ANNE N. 3,086,665
OHASHI, KEVIN L. 3,086,408
OHRLUND, AKE 3,086,428
OIKARINEN, KRISTIINA 3,086,073
OJI HOLDINGS CORPORATION 3,086,301
OKABE, SEIJI 3,086,308
OKERBERG, BRIAN C. 3,086,537
OKI, MASAYA 3,086,828
OLEON NV 3,085,540
OLIVEIRA MARTINS DA SILVA, RICARDO JORGE 3,086,059
OLIVERO, ALAN G. 3,086,867
OLKKONEN, JUUSO 3,086,418
OLON S.P.A. 3,085,976
OLSEN, OLE 3,085,987
OLSEN, OLE 3,086,078
OLSON, RICHARD E. 3,085,964
OMORI, OSAMU 3,086,662
OMORI, YOSHIMASA 3,086,824
OMURA, TAKESHI 3,086,308
ONDRUSKA, PETER 3,086,261
ONO, YOSHIKO 3,086,834
ONODERA, HIDEYUKI 3,086,842
ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR) 3,086,362
ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR) 3,086,366
ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR) 3,086,368
ONTARIO INSTITUTE FOR CANCER RESEARCH (OICR) 3,086,370
OP-T LLC 3,086,193
ORAL ROBERTS UNIVERSITY 3,085,880
ORENTAS, RIMAS 3,086,612
ORIG3N, INC. 3,086,005
ORIMOTO, KOHEI 3,086,303
OSAKA UNIVERSITY 3,086,220
OSHIMA, RYU 3,085,951
OSHKOSH CORPORATION 3,086,541
OSSIO LTD. 3,085,922
OSTERTAG, ERIC 3,086,187
OTA, NORIO 3,086,889
OTA, YUTARO 3,086,164
OTHOMENE, RENAUD 3,085,530
OTTO BOCK HEALTHCARE PRODUCTS GMBH 3,085,533
OTTOSEN, LARS DITLEV MORCK 3,086,373
OUELLETTE, BENOIT 3,086,231
OUENZERFI, GHASSENE 3,086,090
OUVRY, GILLES 3,086,243
OVERBEEK, GERARDUS CORNELIS 3,085,531
OVID THERAPEUTICS, INC. 3,085,948
OWENS CORNING INTELLECTUAL CAPITAL, LLC 3,086,672
OXFORD NANOPORE TECHNOLOGIES LTD. 3,086,681
OY STEELPRO LTD 3,086,814
PACHECO VILLALOBOS, DAVID 3,086,673
PACIONE, JOSEPH ROCCO 3,086,365
PAGLIERE, ALEXANDER 3,086,414
PAI, SAMEER 3,086,175
PALACIO BARBERAN, JOHN LUIS 3,085,994
PALEARI, ALBERTO MARIA FELICE 3,086,268
PALMER, CHARLES F., JR. 3,085,312
PAN, YU-CHIH 3,086,714
PANAINTE, PETRICA 3,086,623
PANDYA, JINAL 3,086,881
PANE, MARCO 3,085,977
PANPATIL, DAYANAND 3,085,803
PANSURIYA, HIREN 3,086,881
PARADIS, ERIC G. 3,085,935
PARDEE, KEITH 3,086,593
PARK, AIDEN Y. 3,085,914
PARK, CHUL O 3,086,337
PARK, HYERYUNG 3,086,337
PARK, JONGJIN 3,085,914
PARK, JOO HWANG 3,086,466
PARK, JOONGHYUK 3,085,361
PARK, KENNETH STUART 3,086,610
PARK, MIJIN 3,085,914
PARK, SLKI 3,085,914
PARKER, SEAN 3,085,773
PARSONS, TOM 3,086,753
PARTUSCH, GEORG 3,086,249
PARUCH, KAMIL 3,085,967
PASANEN, JUKKA-PEKKA 3,086,802
PASTORELLO, ANDREA 3,086,650
PASUNOORI, LAXMAN 3,085,346
PASUNOORI, LAXMAN 3,085,817
PASUNOORI, LAXMAN 3,085,942
PAT TECHNOLOGY SYSTEMS INC. 3,086,050
PATEL, MILAN 3,086,652
PATEL, RAJEN M. 3,086,605
PATEL, RAKESH BHULABHAI 3,086,324
PATTON, PENELOPE A. 3,086,547
PAULSON, PETER O. 3,086,594
PAVAN, SILVIA 3,086,257
PAYNTER, CHRISTOPHER D. 3,086,015
PCI SYNTHESIS, INC. 3,086,530
PEGASUS INTEGRATED SOLUTIONS LTD. 3,086,333
PELLMAN, ASAF 3,086,542
PEMBERTON-ROSS, CATHERINE 3,085,960
PENDRI, ANNAPURNA 3,085,964
PENN COLOR, INC. 3,086,010
PENSANDO SYSTEMS INC. 3,086,629
PEP-THERAPY 3,086,387
PERDANA, JIMMY 3,086,452
PEREIRA DA COSTA AGUILAR RIBEIRO, HELENA ISABEL 3,086,059
PEREIRA VILACA, MARIA HELENA 3,086,059
PEREIRA, ALEXANDRE 3,085,972
PERELLON MARSA, MARC 3,086,811
PERERA, J. DINITHI R. 3,086,551
PEREZ HERRERA, MARIANA 3,086,547
PEREZ, RICHARDO M. 3,086,015
PEREZ, VICTOR 3,086,320
PEREZ-PRAT DE VINUESA, EVA MARIA 3,085,344
PEREZ-PRAT DE VINUESA, EVA MARIA 3,085,345
PERFORMANCE POLYAMIDES, SAS 3,086,274
PERFORMANCE POLYAMIDES, SAS 3,086,374
PERICARD, BENOIT PIERRE AUGUSTIN 3,085,968
PERMUTIVE LIMITED 3,086,635
PERRAS, DANIEL CLAUDE 3,086,549
PERRUCHOT, LUDOVIC 3,086,228
PERSON, TIMOTHY J. 3,086,048
PERSON, TIMOTHY J. 3,086,605
PERUTA, MARCO DELLA 3,086,360
PESCE, ISABELLA 3,085,957
PETERSON, DALE R. 3,086,408
PETERSON, JEFFREY 3,086,536
PETERSON, JOHN M. 3,085,356
PETERSON, RALPH WALTER 3,086,007
PETERSON, ROBERT 3,086,536
PETRE, MAXIME 3,086,089
PETROV, ANDREJ ANDREEVICH 3,086,241
PEYMAN, MOSLEMY 3,086,202
PHARMACYTICS B.V. 3,086,233
PHELPS, KIRK 3,086,414
PHILOGEN S.P.A. 3,085,960
PI-DESIGN AG 3,086,112
PICKETT, LAEL J. 3,086,408
PIEHLER, DAVID 3,086,538
PIEPER, MEGHAN 3,086,467
PIERSON, FREDERIC 3,086,229
PINNACLE RISK SOLUTIONS PTY LTD 3,085,808
PIRES MARTINS DA SILVA, MARIO JORGE 3,086,059
PISCINES DESJOYAUX SA 3,086,663
PLAGER, STEVEN 3,086,175
PLATINSKY, LUKAS 3,086,261
PMSW RESEARCH PTY LTD 3,086,251
PODA, GENNADY 3,086,370
PODUST, VLADIMIR 3,085,950
POIROT, LAURENT 3,086,267
POLARIS INDUSTRIES INC. 3,086,091
POLARIS INDUSTRIES INC. 3,086,177
POLLARD, MATHIEU 3,085,972
POLYNOVO BIOMATERIALS PTY LIMITED 3,086,253
POLYNOVO BIOMATERIALS PTY LIMITED 3,086,349

Index des demandes PCT entrant en phase nationale

POLYNOVO BIOMATERIALS PTY LIMITED 3,086,350
POMERLEAU, STEPHANE 3,086,260
POPP, MATTHIAS 3,086,475
PORRO, LINO GIOVANNI 3,086,315
PORTEGYS, THOMAS EDWARD 3,086,254
PORTER IV, CHRISTOPHER A. 3,086,844
POSCO 3,086,838
POSEIDA THERAPEUTICS, INC. 3,086,187
POSY, SHOSHANA L. 3,085,346
POSY, SHOSHANA L. 3,085,942
POSY, SHOSHANA L. 3,086,431
POTTA, THRIMOORTHY 3,086,158
POTTEN, GARY 3,086,519
POTTER, MARK 3,086,013
POTTIER, AGNES 3,085,534
POULI, TANIA 3,086,523
POURCHET, JEAN-BAPTISTE 3,086,062
POVINELLI, ANTHONY J. 3,086,328
POVIVA TEA, LLC 3,081,689
PPC BROADBAND FIBER LTD. 3,085,907
PPG INDUSTRIES OHIO, INC. 3,085,927
PPG INDUSTRIES OHIO, INC. 3,086,537
PRANDI, ADOLFO 3,085,976
PRAXIS BIOTECH LLC 3,085,803
PREAT, LUDOVIC 3,086,599
PREISS-BLOOM, ORAHN 3,085,922
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 3,086,550
PRESNELL, SCOTT R. 3,086,040
PRETTO, FRANCESCA 3,085,960
PRICELIUS, SINA 3,085,344
PRICELIUS, SINA 3,085,345
PRINOTH AG 3,086,095
PRIVEZENTZEV, CYRIL 3,086,098
PROBIOTICAL S.P.A. 3,085,977
PROTEOSTASIS THERAPEUTICS, INC. 3,086,674
PROTIX B.V. 3,086,326
PROTIX B.V. 3,086,329
PROTIX B.V. 3,086,332
PROTIX B.V. 3,086,334
PROVENZANI, ALESSANDRO 3,085,957
PROVINS, JARROD 3,086,320
PROXENOS,, MATTHEW RYECE 3,086,610
PRUESSMEIER, UWE 3,086,600
PRUESSMEIER, UWE 3,086,614
PRUESSMEIER, UWE 3,086,617
PRUESSMEIER, UWE 3,086,621
PRUESSMEIER, UWE 3,086,624
PUCHOIS, ROMAIN 3,085,517
PUCKETTE, ROBERT B.E. 3,086,177
PUEL, GERALDINE 3,086,292
PUGACH, ANDREY 3,086,640
PUJALA, BRAHMAM 3,085,803
PULE, MARTIN 3,086,360
PUNNA, SREENIVAS 3,085,946
PUNNA, SREENIVAS 3,086,111
PUODZIUKYNAITE, EGLE 3,086,537
PURATOS NV 3,086,599
PURDUE PHARMA L.P. 3,085,348
PURE TECHNOLOGIES LTD. 3,086,594
QI, YOULIN 3,086,855
QIN, ZHIBIN 3,086,613
QIU, CHUNYUAN 3,085,819
QTAISHAT, MOHAMMED RASOOL 3,086,235
QU BIOLOGICS INC. 3,086,832
QUANTUM-SI INCORPORATED 3,086,769
QUATTRONE, ALESSANDRO 3,085,957
QUAY, STEVEN C. 3,086,655
QUETTIER, CLAUDE 3,086,108
QUIAPEG PHARMACEUTICALS AB 3,086,651
QUICKE, STEPHEN 3,085,979
QUINTA CORTINAS, ANDRES 3,086,469
RACINE, JASON 3,086,070
RADIMMUNE THERAPEUTICS, INC. 3,086,009
RADIO SYSTEMS CORPORATION 3,085,320
RAHIKKA, JOUKO 3,086,814
RAITHEL, GEORG A. 3,085,935
RAJAKARI, KIRSI 3,086,073
RAMACHANDRA REDDY, ANUPAMA KANDHI 3,085,937
RAMACHANDRA REDDY, ANUPAMA KANDHI 3,085,942
RAMIREZ, KRISTA 3,085,985
RAMIREZ, KRISTA 3,085,999
RAMUNNI, ANNA 3,085,966
RANA, SANDEEP 3,086,001
RANAHAN II, WILLIAM P. 3,085,880
RANDOLPH, JOHN ANDREW 3,086,816
RANGASWAMY, UDAYA 3,086,665
RAPACKI, STEVEN R. 3,086,753
RASHID, RUMANA 3,086,199
RATTI, JAYANT 3,086,086
RATTI, JAYANT 3,086,102
RAVINDRANATH, RAGHAVENDRANATH 3,085,354
RAYTHEON COMPANY 3,086,017
RAYTHEON COMPANY 3,086,028
RAYTHEON COMPANY 3,086,677
RBH ENGINEERING PTY LTD 3,086,590
REALTA HOLDINGS, LLC 3,086,407
REARICK, TODD 3,086,769
REBELLA, GREG 3,085,355
REBOLLO, ANGELITA 3,086,387
REBOULET, RACHEL 3,086,507
REDDY, T. JAGADEESWAR 3,086,671
REDDY, T. JAGADEESWAR 3,086,711
REFIOR, PHILIPP HANS 3,086,218
REGADAS PINTO DE SA, VERA LUCIA 3,086,059
REGAN, WILLIAM R. 3,086,213
REGENOR, JAMES 3,086,483
REGENTS OF THE UNIVERSITY OF MINNESOTA 3,085,781
REHFUSS, MARC 3,086,276
REICHELT, WIELAND 3,086,081
REIDENBERG, BRUCE 3,086,396
REINHOLD, PHILIP 3,085,955
REIS PEREIRA, JESSICA ALEXANDRA 3,086,059
RELIANCE WORLDWIDE CORPORATION 3,086,204
REMARCHUK, TRAVIS 3,086,182
REN, YIXIN 3,086,341
RENHOWE, PAUL ALLAN 3,086,207
RENNEBERG, DORTE 3,086,310
RENNER, CHRISTIAN 3,086,353
RENNERT, PAUL 3,085,781
RENNIE, GLEN ROBERT 3,086,207
RENOU, ADELIN 3,086,435
REOXCYN, LLC 3,086,543
REPOS PHARMA AB 3,086,101
RESOLYS BIO, INC. 3,086,642
RESPIRATORY MOTION, INC. 3,085,819
REZNICHENKO, ALEXANDER 3,086,639
RHEEM MANUFACTURING COMPANY 3,086,447
RHINEHART, ANDREW 3,086,208
RIBEIRO, JULIO CESAR CALDEIRA 3,086,602
RIBON THERAPEUTICS INC. 3,085,353
RIBU, VILLE 3,085,359
RICHARDS, KURT 3,086,543
RICHARDS, SUSAN M. 3,086,484
RICHARDSON, CHRISTOPHER 3,086,525
RICHTER, MARK 3,085,337
RICKLES, DAVID J. 3,086,009
RIOBLANC, MAXENCE 3,086,865
RITE-HITE HOLDING CORPORATION 3,086,209
RITOUX, SEBASTIEN 3,086,427
RITTINGE, RICKARD 3,085,982
RITTINGE, RICKARD 3,085,983
RIZK, SAID 3,086,198
ROBERT, CHRISTOPHE 3,085,517
ROBERTS, LAWRENCE R. 3,086,587
ROBERTS, MARK F. 3,086,587
ROBERTSON, RALSTON S. 3,086,028
ROBICHAUD, ALBERT JEAN 3,086,189
ROBICHAUD, ALBERT JEAN 3,086,299
ROBINE, ENRIC 3,086,057
ROBINE, ENRIC 3,086,427
ROCCHI, STEPHANE 3,086,080
ROCHE INNOVATION CENTER COPENHAGEN A/S 3,085,964
ROCHE, CHRISTINE 3,086,490
ROCHOLL, JOSHUA D. 3,086,541
ROCK, CHARLES O. 3,086,671
ROCK, CHARLES O. 3,086,711
RODRIGUEZ, SEBASTIEN JEAN-PIERRE MICHEL 3,086,283
ROE, STEVEN N. 3,086,900
ROGAN, ANDREW ROBERT JOHN 3,086,871
ROHM AND HAAS COMPANY 3,085,928
ROHM AND HAAS COMPANY 3,086,012
ROHM AND HASS COMPANY 3,086,753
ROJAS, OLGA 3,086,661
ROMEC, CHRISTIAN 3,085,530
RONCO, CYRIL 3,086,080
RONZONI, SILVANO 3,085,976

ROOT, JOE 3,086,635
ROQUETTE FRERES 3,086,108
ROQUETTE FRERES 3,086,380
RORKE, GARY VERNON 3,086,443
ROSEN, PER 3,085,537
ROSENBERG, BELMAKER LIOR 3,086,815
ROSENBLUM, SERGE 3,085,955
ROSSELER, OLIVIER 3,086,492
ROTHBERG, JONATHAN M. 3,086,769
ROTOLO, JIMMY ANDREW 3,086,768
ROUDURI, SREEKANTH 3,086,282
ROUTHIER, NICHOLAS 3,086,592
ROVATTI, PAOLO 3,086,666
ROVI GUIDES, INC. 3,085,985
ROVI GUIDES, INC. 3,085,999
ROVI GUIDES, INC. 3,086,652
ROY, SOUMITRA 3,086,325
ROY, SOUMITRA 3,086,327
RUBIN-PITEL, SHERYL B. 3,086,170
RUFFO, MARIANO 3,086,666
RUSKEENIEMI, JARI-JUSSI 3,086,639
RYDBERG TECHNOLOGIES INC. 3,085,935
SABINA, MICHAEL 3,086,553
SACCOMAN, UMBERTO 3,086,116
SACHSE, RICHARD 3,086,079
SADA, MARA 3,085,976
SADEGHI, AMIR 3,086,657
SAFRAN AIRCRAFT ENGINES 3,086,596
SAFRAN ELECTRONICS & DEFENSE 3,086,854
SAGE THERAPEUTICS, INC. 3,086,189
SAGE THERAPEUTICS, INC. 3,086,299
SAGI, APPALA 3,086,163
SAHEL, JOSE-ALAIN 3,086,292
SAHIN, FIKRETTIN 3,086,056
SAHOO, BISHWABHUSAN 3,086,530
SAINT-GOBAIN ADFORS CANADA, LTD. 3,086,492
SAINT-GOBAIN GLASS FRANCE 3,086,468
SAKAKIBARA, YOHEI 3,086,164
SAKODA, YUKIMI 3,086,658
SALEH, CHRISTOPHER 3,086,209
SALITURO, FRANCESCO G. 3,086,189
SALITURO, FRANCESCO G. 3,086,299
SALLEE, RICHARD 3,086,395
SALLOUM, ZIAD 3,086,238
SAMARTIN PULIAN, CARLOS ROBERTO 3,086,811
SAMBASIVAN, SUNDERRAMAN 3,086,083
SAMPRONI, JENNIFER 3,086,501
SAMPSON, CHRISTOPHER 3,086,248
SAMSONOV, OLEG V. 3,086,607
SAMSUNG ELECTRONICS CO., LTD. 3,086,342
SAMSUNG ELECTRONICS CO., LTD. 3,086,470
SAMULSKI, RICHARD JUDE 3,085,945
SANBORN, JONATHAN 3,086,175
SANCHEZ, MARYLINE 3,086,068
SANDALA, MICHAEL G. 3,086,537
SANDBERG, KATI 3,086,813
SANDERS, JILL 3,086,901
SANDOVAL, ROBERT 3,086,113
SANGHERA, HARDEEP 3,086,538
SANGLIER, ADRIEN 3,086,107
SANJAY SOMAN, SUDHANSHU 3,086,252
SANKAR, VANI 3,086,252
SANKO TEKSTIL ISLETMELERI SAN. TIC. A.S. 3,086,287
SANOVEL ILAC SANAYI VE TICARET ANONIM SIRKETI 3,085,823
SANTEN PHARMACEUTICAL CO., LTD. 3,086,445
SANTEN PHARMACEUTICAL CO., LTD. 3,086,457
SANTEN PHARMACEUTICAL CO., LTD. 3,086,828
SAPHIER, OFER 3,086,553
SAPIENCE THERAPEUTICS, INC. 3,086,768
SAPIRO, RACHEL E. 3,085,935
SAPOUNDJIEV, HRISTO 3,086,694
SARKAR, ARUN K. 3,085,356
SASAKI, TSUTOMU 3,086,220
SASOL GERMANY GMBH 3,086,459
SATO, TAKASHI 3,086,892
SAUDI ARABIAN OIL COMPANY 3,086,155
SAUDI ARABIAN OIL COMPANY 3,086,488
SAUDI MEMBRANE DISTILLATION DESALINATION CO. LTD. 3,086,235
SAUKKONEN, ESA 3,085,359
SAUKKONEN, ESA 3,085,919
SAUVAGEAU, JANELLE 3,086,690
SAXENA, UTSAV 3,086,409
SAYRE, MICHAEL R. 3,085,310
SCHADE, MARKUS 3,085,874
SCHALLER, MICHAEL P. 3,085,339
SCHELLEKENS, MICHAEL ARNOLDUS JACOBUS 3,085,531
SCHELLENBERGER, VOLKER 3,085,950
SCHENKEL, LAURIE B. 3,085,353
SCHEPENS, WIM BERT GRIET 3,085,337
SCHERR, MICHAEL 3,086,190
SCHERRER, REMY 3,086,077
SCHIATTARELLA, ENRICO 3,086,629
SCHIEF, WILLIAM R. 3,086,205
SCHILLER, MARIE KEARNEY 3,085,930
SCHILLINGS, BENOIT G. 3,086,213
SCHLADER, ANDREW 3,086,753
SCHLEGEL, MARK K. 3,086,485
SCHLESSINGER, AVNER 3,085,322
SCHLESSINGER, JOSEPH 3,085,322
SCHLUDE, JOSEPH 3,085,952
SCHLUMBERGER CANADA LIMITED 3,086,519
SCHMID, GERARD 3,086,769
SCHMID, STEFAN 3,086,803
SCHMIDT, BRUNO E. 3,086,226
SCHMITT, ERIC HOLLAND 3,086,326
SCHMITT, ERIC HOLLAND 3,086,329
SCHMITT, KIRK D. 3,086,339
SCHMITT, MARTINE 3,086,668
SCHMITZ, CHRISTOPH 3,086,432
SCHMUTZER, KLAUS 3,086,249
SCHNEIDER, CHRISTIN 3,085,993
SCHNEIDER, DINA 3,086,612
SCHNEIDER, JUERGEN 3,086,249
SCHOELKOPF, ROBERT J., III 3,085,954
SCHOELKOPF, ROBERT J., III 3,085,955
SCHOFIELD, THOMAS BEAUREGARD 3,086,747
SCHOL, HENDRIKUS ANT 3,086,334
SCHONEBORN, MARCOS 3,086,459
SCHROEDER, VOLKER 3,086,452
SCHUBBERT, SUZANNE 3,086,199
SCHULTZ, JONATHAN C. 3,086,769
SCHULZ, TORSTEN 3,086,295
SCORRANO, LUCIO 3,086,088
SCREENING ROOM MEDIA, INC. 3,085,773
SDG, INC. 3,086,771
SEAMAN, ROBERT BRIAN 3,086,347
SEARI ELECTRIC TECHNOLOGY CO., LTD. 3,086,613
SEEN, DONGSEUNG 3,086,337
SEITZ, THOMAS 3,086,273
SEKIKAWA, KENJI 3,086,456
SELLERS, CHARLES 3,086,680
SELTZER, RICHARD 3,085,320
SERBER, ZACH 3,086,490
SERDJUKOW, SASCHA 3,086,237
SEREDENINA, TAMARA 3,086,879
SERRAT, CHRISTINA 3,086,753
SERVICE-KONZEPTE MM AG 3,086,063
SGD S.A. 3,086,758
SHAH, PREMAL 3,085,902
SHAHAF, BAT 3,086,815
SHAIKH, ABDUL 3,086,747
SHAKYA, NIKESH MAN 3,086,179
SHAMSUNDER, GIRIDHAR 3,085,354
SHANAHAN, CHARLES 3,085,540
SHANE, HALDEN STUART 3,086,898
SHAO, CHENG 3,086,867
SHARMA, LALIT KUMAR 3,086,711
SHARMA, MOHIT 3,086,347
SHARP KABUSHIKI KAISHA 3,086,821
SHARP KABUSHIKI KAISHA 3,086,835
SHARP LIFE SCIENCE (EU) LTD 3,086,681
SHASTRY, ASHUTOSH 3,086,538
SHAW, LAURA 3,086,397
SHCHEPIN, VIKTOR GENNADIEVICH 3,086,244
SHEARER, CHARLES 3,085,531
SHEDLOCK, DEVON 3,086,187
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 3,086,195
SHEN, CHANGMAO 3,086,616
SHEN, DAIWEI 3,086,320
SHEN, XIAOHONG 3,086,767
SHERER, BRIAN A. 3,086,172

SHERWOOD, TREVOR C. 3,085,346
SHERWOOD, TREVOR C. 3,085,817
SHI, CONG 3,086,722
SHI, JUN 3,085,938
SHI, WEI 3,086,805
SHI, WEI 3,086,807
SHI, YAN 3,085,347
SHI, YAN 3,085,938
SHIBAZAKI, YUICHI 3,086,755
SHIKANAI, DAISUKE 3,086,662
SHIN, YONG UK 3,086,227
SHINKYO, RAKU 3,085,992
SHIONOGI & CO., LTD. 3,086,889
SHIRAISHI, MASAYUKI 3,086,755
SHIRAKAWA, ATSUSHI 3,086,821
SHIRE HUMAN GENETIC THERAPIES, INC. 3,086,181
SHOJI, HIROFUMI 3,086,627
SHOOK, BRUCE J. 3,086,025
SHORE, TERRY ALEXANDER 3,085,963
SHROCK, KATHRY MASON 3,086,412
SHROFF, JAIDEV RAJNIKANT 3,086,324
SHROFF, VIKRAM RAJNIKANT 3,086,324
SHUKLA, RAJESH 3,086,530
SI, LEI 3,086,270
SIANI, JOSEPH 3,086,442
SICPA HOLDING SA 3,086,229
SIDDIQUI, OZAIR 3,086,183
SIDDIQUI, UZAIR 3,086,114
SIDDIQUI, UZAIR 3,086,162
SIEGEL, ALEXANDER J. 3,086,678
SIEMENS AKTIENGESELLSCHAFT 3,086,171
SIEMENS GAS AND POWER GMBH & CO. KG 3,086,167
SIEMENS HEALTHCARE DIAGNOSTICS INC. 3,086,501
SIEPMANN, VOLKER 3,086,315
SILVA ABREU, JOAO 3,086,059
SILVESTRE MENDES PINTO DE MOURA, BRUNA GABRIELA 3,086,059
SIM, BEE-CHENG 3,085,950
SIMONIN, FREDERIC 3,086,668
SIMONS, EMMANUEL J. 3,086,045
SIMONS, HENRICUS PETRUS JOHANNES 3,086,326
SINDERMANN, HERBERT 3,086,079
SINGH, PARMINDER 3,086,163
SINGH, RAJINDER 3,086,111
SINGH, VIRENDRA 3,086,015
SINGLETON, LEO C., IV 3,086,212
SINOLITHIUM MATERIALS LIMITED 3,077,834
SIOMYK, HALYNA 3,086,058
SIPPOLA, VAINO 3,086,802
SITA INFORMATION NETWORKING COMPUTING USA, INC. 3,086,066
SITA INFORMATION NETWORKING COMPUTING USA, INC. 3,086,107
SIVIK, MARK ROBERT 3,086,689
SIVIK, MARK ROBERT 3,086,712
SIVIK, MARK ROBERT 3,086,772
SIVIK, MARK ROBERT 3,086,822
SIVILL, MICHAEL 3,086,209
SKADHAUGE, BIRGITTE 3,086,078
SKELTON, ROBERT COLEMAN 3,086,206
SLESSAREVA, JANNA 3,086,291
SLIPY, MICHAEL JOHN 3,086,206
SMALL, GEORGE 3,086,483
SMITH, BENJAMIN 3,086,410
SMITH, JONATHAN O. 3,085,357
SMITH, MATTHEW 3,086,747
SMITH, MATTHEW WILLIAM 3,086,845
SMITH, RICHARD D. 3,085,929
SMITH, ROBIN Y. 3,086,005
SMITHS MEDICAL ASD, INC. 3,086,175
SMOOT, JAMES 3,086,547
SMUKSTE, INESE 3,085,772
SOARES, RENATO 3,086,097
SOBERANO, ERIC 3,086,410
SOCIETE DES PRODUITS NESTLE S.A. 3,086,088
SOCIETE DES PRODUITS NESTLE S.A. 3,086,094
SOCIETE DES PRODUITS NESTLE S.A. 3,086,247
SOCIETE DES PRODUITS NESTLE S.A. 3,086,250
SOCIETE DES PRODUITS NESTLE S.A. 3,086,319
SOCIETE DES PRODUITS NESTLE S.A. 3,086,321
SOCIETE DES PRODUITS NESTLE S.A. 3,086,452
SOILMEC S.P.A 3,086,675
SOLETANCHE FREYSSINET 3,086,425
SOMA, SHUNICHI 3,086,297
SOMERO ENTERPRISES, INC. 3,086,595
SON, JUHO 3,086,470
SON, SEUNG-JU 3,086,227
SONE FARM CO., LTD. 3,085,995
SONE FARM CO., LTD. 3,086,024
SONE FARM CO., LTD. 3,086,031
SONG, JI YOUNG 3,086,750
SONG, LE 3,059,744
SONG, LIMIN 3,086,526
SONG, LIMIN 3,086,529
SONG, YI-QIAO 3,086,519
SONG, YONG BHUM 3,086,337
SONY CORPORATION 3,085,906
SORBONNE UNIVERSITE 3,086,292
SORBONNE UNIVERSITE 3,086,387
SORIANO, NESTER JR. 3,086,524
SORIGUE, QUENTIN 3,086,061
SOUCY, FRANCISCO 3,086,854
SOUTER, PHILIP FRANK 3,085,344
SOUTER, PHILIP FRANK 3,085,345
SPARINGVISION 3,086,292
SPARKS, OSCAR C. 3,086,855
SPEHR, PAUL 3,086,007
SPENCER, ALFRED VINCENT 3,085,971
SPETH, CHRISTIAN HENRIK 3,086,240
SPETH, CHRISTIAN HENRIK 3,086,256
SPETH, CHRISTIAN HENRIK 3,086,259
SPIJKERMAN, GEESJE KLASINA 3,086,215
SPINEX PTY LTD 3,085,824
SPRATT, TIM 3,086,635
SPRIGGS, ANDREW 3,086,620
SQZ BIOTECHNOLOGIES COMPANY 3,086,210
SR LABS S.R.L. 3,086,117
SREDENSEK, HERWIG MICHAEL 3,085,311
SRINIVAS, PITANI VEERA VENKATA 3,085,817
SRINIVASAN, MOHIT 3,086,770
SRIVASTAVA, KYLE H. 3,086,161
ST. ANNA KINDERKREBSFORSCHUNG 3,086,032
ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC. 3,086,671
ST. JUDE CHILDREN'S RESEARCH HOSPITAL, INC. 3,086,711
STAHL, MARCUS 3,086,053
STAMATAS, GEORGIOS N. 3,086,656
STAMATAS, GEORGIOS N. 3,086,684
STAMBACK, SCOTT 3,086,010
STAMM, SIMON 3,086,310
STANLEY, COLIN 3,086,446
STEALTH BIOTHERAPEUTICS CORP. 3,085,772
STEFANI, DAVID 3,086,666
STEINMETZER, KATRIN 3,086,295
STENGER, PATRICK CHRISTOPHER 3,086,412
STEPHENS, JASON DENNIS 3,086,525
STEWART, DAVID JOEL 3,085,963
STIBBARD, MITCHELL R. 3,085,927
STICHTING HUBRECHT ORGANOID TECHNOLOGY 3,086,290
STIMSON, CHRISTOPHER 3,086,747
STOCKL, JOHANNES 3,086,085
STONE, DAVID CURTIS 3,086,699
STORA ENSO OYJ 3,085,359
STORA ENSO OYJ 3,085,919
STOVALL, KALENA 3,086,015
STRAUSS, JOHANNES MATTHEUS 3,086,443
STRAUSS, JOHANNES MATTHEUS 3,086,636
STRICKROTH, ALAIN 3,086,643
STROHMAIER, KARL G. 3,086,339
STROUD, MARK 3,086,040
STRYKER EUROPEAN HOLDINGS I, LLC 3,086,446
SUBRAMANIAN, CHITRA 3,086,671
SUBRAMANIAN, CHITRA 3,086,711
SUBRAMANIAN, PANDIARAJU 3,086,370
SUDHAKAR, ANANTHA 3,086,182
SUE, CASEY 3,086,395
SUE, TRACY 3,086,395

SUEHIRA, KAZUHITO 3,085,951
SUGIMOTO, AKIHIRO 3,086,304
SUGIYAMA, MASANORI 3,085,995
SUGIYAMA, MASANORI 3,086,024
SUGIYAMA, MASANORI 3,086,031
SUHARA, ATSUSHI 3,085,988
SULLIVAN, JEFFREY 3,086,217
SUMERIN, VICTOR 3,086,639
SUMITOMO CHEMICAL COMPANY, LIMITED 3,086,303
SUMITOMO CHEMICAL COMPANY, LIMITED 3,086,453
SUMITOMO DAINIPPON PHARMA CO., LTD. 3,086,820
SUMITOMO METAL MINING CO., LTD. 3,085,986
SUMITOMO METAL MINING CO., LTD. 3,086,138
SUMITOMO METAL MINING CO., LTD. 3,086,627
SUN, YABIN 3,086,048
SUN, YABIN 3,086,605
SUN, ZHI 3,086,513
SUND, CHRISTIAN 3,086,651
SUNG, SOON-KEE 3,085,361
SUNG, YOUNG CHUL 3,086,222
SUNG, YOUNG CHUL 3,086,224
SUNTORY HOLDINGS LIMITED 3,086,826
SUNTORY HOLDINGS LIMITED 3,086,827
SUNTORY HOLDINGS LIMITED 3,086,831
SUNTORY HOLDINGS LIMITED 3,086,834
SUROVEC, JAN 3,086,176
SUSAVION BIOSCIENCES, INC. 3,086,751
SUSSMAN, VICTOR J. 3,085,928
SUSSMAN, VICTOR J. 3,086,012
SUSSTRUNK, SABINE 3,086,070
SUZHOU SUNCADIA BIOPHARMACEUTICALS CO., LTD. 3,086,429
SUZUKI, HIROYUKI 3,086,454
SUZUKI, TAMOTSU 3,086,306
SUZUKI, TATSUNORI 3,086,020
SUZUKI, YUICHI 3,086,297
SWIMC LLC 3,086,113
SWINGER, KERREN KALAI 3,085,353
SWINNEY, MONICA RIXMAN 3,085,930
SWORD, GREGORY A. 3,086,288
SYLVESTER, KEVIN T. 3,086,537
SZABLOWSKI, ZDZISLAW 3,086,116
SZEP, SILVIA 3,086,667
TABATABAI, DANIEL 3,086,096
TABERNA, ENEKO GANUZA 3,086,680
TAI DIAGNOSTICS, INC. 3,085,933
TAKAISHI KAZUYUKI 3,085,986
TAKAMURA, YOSHIHIRO 3,086,828
TAKAOKA, SHINJI 3,086,828
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,086,458
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,086,824
TAKEDA PHARMACEUTICAL COMPANY LIMITED 3,086,885
TAKEDA, KAZUKI 3,086,882
TAKEMOTO, DAISUKE 3,086,834
TAKENOUCHI, HIROSHI 3,086,627
TAKEUCHI, KAZUHIKO 3,085,900
TALI, ABDELHAK 3,086,531
TALI, TARIK 3,086,531
TALIWARE, INC. 3,086,531
TALLARIDA, STEVEN J. 3,086,211
TALMA, AUKE GERARDUS 3,086,215
TALUKDER, NILOY 3,086,411
TAMADA, KOJI 3,086,658
TAMMANA, VASANTHA K. 3,086,764
TAN, CHAO 3,086,270
TAN, HONGSING 3,086,712
TAN, JOHN QIANG 3,086,522
TAN, XIN 3,086,433
TAN, XUQIU 3,086,286
TANAKA, HIROKO 3,085,946
TANAKA, HIROYUKI 3,086,220
TANAKA, KEIGO 3,085,992
TANEICHI, KAORU 3,086,166
TANEJA, NATE 3,086,485
TANG, HAI 3,086,801
TANG, YIQIAO 3,086,519
TANGALLAPALLY, RAJENDRA P. 3,086,671
TANGALLAPALLY, RAJENDRA P. 3,086,711
TANIGUCHI, TAKAZUMI 3,086,445
TANIGUCHI, TAKAZUNI 3,086,457
TAO, SHIWEI 3,085,938
TAPUHI, TAMIR 3,085,315
TARASOV, ALEKSEJ BORISOVICH 3,086,241
TARBIT, DAVID JOHN 3,085,344
TARBIT, DAVID JOHN 3,085,345
TARGUS INTERNATIONAL LLC 3,086,030
TARSUS PHARMACEUTICALS, INC. 3,085,787
TASHIRO, MASAYUKI 3,086,303
TASLI, PAKIZE NESLIHAN 3,086,056
TASTEMAKERS, LLC 3,085,936
TATE & LYLE INGREDIENTS AMERICAS LLC 3,086,547
TATSUZAKI, YOSUKE 3,086,755
TAUBNER, SPENCER 3,086,044
TAYLOR, DAVID A. 3,086,015
TAYLOR, SHAWN DAVID 3,086,519
TECHNOLOGICAL RESOURCES PTY. LIMITED 3,086,591
TEKAYA, NEDRA 3,086,080
TELEFONAKTIEBOLAGET LM ERICSSON (PUBL) 3,086,389
TENEOBIO, INC. 3,086,665
TENNANT, NICHOLAS J. 3,085,877
TEPHA, INC. 3,086,198
TER MAAT, JOHAN 3,085,360
TERUMO MEDICAL CORPORATION 3,086,293
TETREAULT, MICHAEL 3,086,506
TETREAULT, MICHAEL 3,086,508
TETREAULT, MICHAEL 3,086,512
THADKE, SHIVAJI A. 3,086,551
THALES 3,086,075
THALES 3,086,228
THALES 3,086,634
THALES NEDERLAND B.V. 3,086,604
THAMATAM, RAJESH 3,086,530
THATER, MICHAEL 3,086,353
THATIKONDA, SANTHOSH KUMAR 3,085,337
THATS A WRAP LLC 3,086,021
THAYER, DESIREE 3,085,950
THE ANGIOGENESIS FOUNDATION 3,086,710
THE BROAD INSTITUTE, INC. 3,086,550
THE FLORIDA INTERNATIONAL UNIVERSITY BOARD OF TRUSTEES 3,086,174
THE GENERAL HOSPITAL CORPORATION 3,086,178
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,086,593
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,086,661
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 3,086,690
THE LUBRIZOL CORPORATION 3,085,881
THE PROCTER & GAMBLE COMPANY 3,085,344
THE PROCTER & GAMBLE COMPANY 3,085,345
THE PROCTER & GAMBLE COMPANY 3,086,412
THE PROCTER & GAMBLE COMPANY 3,086,413
THE PROCTER & GAMBLE COMPANY 3,086,689
THE PROCTER & GAMBLE COMPANY 3,086,712
THE PROCTER & GAMBLE COMPANY 3,086,772
THE PROCTER & GAMBLE COMPANY 3,086,822
THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK 3,086,513
THE SCRIPPS RESEARCH INSTITUTE 3,086,205
THE TEXAS A&M UNIVERSITY SYSTEM 3,086,288
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 3,085,945
THOMAS, ABIGAIL MAUDE 3,086,347

THOMAS, MARK 3,086,194
THOMAS, MICHAEL S. 3,085,340
THOMAS, REMY 3,086,870
THOMAS, REMY 3,086,874
THOMAS, REMY 3,086,877
THOMAS, REMY 3,086,880
THOMPSON, DANIEL 3,086,028
THOMSEN, HANNE 3,085,987
THOMSEN, UFFE BACH 3,086,240
THONY, MANFRED 3,086,095
THOREAU, ETIENNE 3,086,243
THORMAN, JOSEPH 3,086,639
THULE SWEDEN AB 3,086,038
THURET, GILLES 3,086,065
THURING, JOHANNES WILHELMUS JOHN FITZGERALD 3,085,337
TILITER PTY LTD 3,086,248
TIMPANO, FABIO 3,085,966
TINTEX - TEXTILES, S.A 3,086,059
TISHEL, IDO 3,086,553
TISSUSE GMBH 3,086,392
TITELIUS, AARON 3,086,348
TJERNBERG, FREDRIK 3,086,272
TOCCE, ELIZABETH 3,086,667
TOMAS, LOIC 3,086,243
TOMAZ, OLIVIER 3,086,863
TOMEBA, HIROMICHI 3,086,821
TOMI ENVIRONMENTAL SOLUTIONS, INC. 3,086,898
TOMIO, AKIKO 3,086,462
TOMIO, YUSAKU 3,086,462
TOMITA, HIROSHI 3,086,297
TONGE, LAUREN 3,086,753
TOPF, HENRY E., JR. 3,086,021
TORAY INDUSTRIES, INC. 3,086,306
TORNIER 3,086,090
TORRES MALGUEIRO, REGINA ANDREIA 3,086,059
TORTOLANI, DAVID R. 3,086,431
TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION 3,086,451
TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD. 3,086,804
TOURNEUR, CHRISTIAN 3,086,425
TOWNSEND, PHILIP A. 3,085,358
TRACE GENOMICS, INC. 3,086,699
TRACHUK, ARKADIY VLADIMIROVICH 3,086,244
TRACT PHARMACEUTICALS, INC. 3,086,765
TRAN, JOHNSON 3,086,484
TRAN, PASCALINE 3,085,934
TRAXLMAYR, MICHAEL 3,086,032
TREGGER, NATHAN A. 3,086,587
TREMBLAY, FREDERIC 3,086,343
TREU, RICCARDO 3,086,116
TRIGO ENERGIES INC. 3,086,358
TRINITY BAY EQUIPMENT HOLDINGS, LLC 3,085,872
TRINITY RAIL GROUP, LLC 3,086,637
TRINKLEIN, NATHAN D. 3,086,665
TRIS PHARMA, INC. 3,085,941
TRIS PHARMA, INC. 3,086,153
TRULLI, SUSAN C. 3,086,017
TSKHAY, ALBINA 3,085,343
TSUBOI, HIDEKAZU 3,086,835
TSUBOI, SATOSHI 3,085,900
TSUI, HONCHUNG 3,086,616
TSUNEMATSU, HIROFUMI 3,086,138
TSUNEMI, YUSUKE 3,086,298
TUNA, MIHRIBAN 3,086,098
TUNCAY, EMINE 3,085,823
TURBAHN, ITAI 3,086,414
TURKYILMAZ, ALI 3,085,823
TURNER, ERIC 3,086,536
TVEITO, KNUT OMDAL 3,086,630
TWOHY, RAYMOND P. 3,086,477
TYLER, GREGORY SCOTT, II 3,086,678
TYNDALL, PATRICK 3,085,320
U.S. PATENT INNOVATIONS, LLC 3,086,096
UBORSKY, DMITRY V. 3,086,607
UCHIDA, HIROYUKI 3,086,828
UCHITEL, ILAN OLEG 3,085,922
UEHARA, TOMOYA 3,086,454
UEHLING, DAVID 3,086,370
UENO, HIROSHI 3,086,284
UENO, RYUJI 3,086,219
UEYAMA, MASAKI 3,086,462
UHMEYER, UWE 3,086,518
ULTRA PREMIUM SERVICES, L.L.C. 3,085,949
UMEGARD, ANDERS 3,085,981
UMEGARD, ANDERS 3,086,338
UMRETHIA, MANISH 3,086,881
UNG, MAN-UN 3,085,322
UNICHARM CORPORATION 3,086,165
UNILEVER BCS LIMITED 3,086,394
UNITED STATES GYPSUM COMPANY 3,085,952
UNIVERCELLS TECHNOLOGIES S.A. 3,086,283
UNIVERSAL CITY STUDIOS LLC 3,086,761
UNIVERSITA DEGLI STUDI DI MILANO - BICOCCA 3,086,268
UNIVERSITA' DEGLI STUDI DI TRENTO 3,085,957
UNIVERSITAT FUR BODENKULTUR WIEN 3,086,032
UNIVERSITE COTE D'AZUR 3,086,080
UNIVERSITE DE STRASBOURG 3,086,097
UNIVERSITE DE STRASBOURG 3,086,668
UNIVERSITE LIBRE DE BRUXELLES 3,086,089
UNIVERSITY OF FUKUI 3,086,828
UNIVERSITY OF HOUSTON SYSTEM 3,086,765
UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION 3,085,939
UOP LLC 3,085,352
UOP LLC 3,085,932
UOP LLC 3,085,947
UPFIELD EUROPE B.V. 3,086,266
UPL LTD 3,086,324
US SYNTHETIC CORPORATION 3,086,540
USA INDUSTRIES, INC. 3,086,395
USOV, PETER 3,086,812
UZUNALIOGLU, DILEK 3,086,217
VACHON, CHRISTIAN 3,086,358
VAGERSTAM, HENRIK 3,086,278
VAITHILINGAM, PANCHALINGAM 3,086,018
VALINGE INNOVATION AB 3,085,982
VALINGE INNOVATION AB 3,085,983
VALINGE INNOVATION AB 3,086,053
VALINGE INNOVATION AB 3,086,281
VALINGE INNOVATION AB 3,086,335
VALIO LTD 3,086,073
VALLA, MAXENCE 3,086,607
VAN DE RIJT, JEROEN 3,086,195
VAN DE VELDE, CONNY 3,086,606
VAN DEN HEUVEL, J.F.J.M. 3,086,806
VAN DER HOEVEN HORTICULTURAL PROJECTS B.V. 3,086,491
VAN HECKE, LIEVEN 3,085,540
VAN KILSDONK, JAAP 3,086,326
VAN KILSDONK, JAAP 3,086,329
VAN OSS, JAMES 3,086,483
VAN REITSCHOTEN, KATERINE 3,086,257
VAN ROMPAEY, LUC 3,086,448
VAN SCHOOTEN, WIM 3,086,665
VAN SCOYOC, BROOK M. 3,086,855
VAN VLIET, C. JOHN 3,086,044
VANKO, DANIEL 3,085,962
VARGHESE, GEORGE 3,086,007
VARMA, RAJAT 3,086,199
VASBINDER, MELISSA MARIE 3,085,353
VBREATHE PTY LTD 3,086,347
VEENEMAN, GERRIT HERMAN 3,086,233
VEHIGE, JOSEPH G. 3,085,787
VEHRA, IMRAN SHARIF 3,086,586
VELLA, ANDREW LEON 3,086,602
VENET, VALERIE 3,086,068
VENTURINA, ROY 3,085,934
VERBYLA, KLARA 3,086,620
VERCO DECKING, INC. 3,086,670
VERIFI LLC 3,086,587
VERIPHASE, INC. 3,077,993
VEROVACCINES GMBH 3,086,598
VERSAGO VASCULAR ACCESS, INC. 3,086,211
VERSLEEGERS, JOZEF CHRISTIAAN MATHIEU 3,086,606
VESPER MEDICAL, INC. 3,086,025
VESPER MEDICAL, INC. 3,086,036
VEYYAKULA, PRIYATAM PRASAD 3,086,764
VICARIOT, PHILIPPE 3,086,075
VIELLEVOYE, MARCEL 3,085,337
VIEWMIND S.A. 3,086,037

VIGEANT, JEROME 3,086,225
VIGEANT, JEROME 3,086,354
VIJAYVARGIYA, NITIN 3,085,902
VILLA, ALESSANDRA 3,085,960
VILLELLA, ADRIANA 3,086,674
VINCENT, MATTHEW P. 3,086,765
VIRGINIA HEALTH FOOD LIMITED 3,085,993
VIRILITY MEDICAL LTD. 3,085,978
VIS, RAPHAEL 3,086,061
VITAL INDUSTRIAL SOLUTIONS INC. 3,086,047
VIZIRGIANAKIS, GREGORY 3,086,610
VLACH, JAROMIR 3,086,172
VLP THERAPEUTICS, LLC 3,086,219
VO, CHAU 3,086,050
VOHRA, YUSUFBHAI U. 3,085,356
VOITH PATENT GMBH 3,086,221
VOSKOBOYNIKOV, ALEXANDER Z. 3,086,607
VRABEC, TINA L. 3,086,397
VRIES, ROBERT GERHARDUS JACOB 3,086,290
VROMAN, HILDA B. 3,086,339
VYAS, DEVENDRA 3,086,083
W-CYCLE HOLDINGS INT. LTD. 3,086,442
W. VAN OOSTERHOUT, WINSTON 3,086,604
WACYK, ROXOLANA 3,086,414
WADSWORTH, SAM 3,086,188
WAGNER, JR., DAVID HAL 3,086,193
WAJANT, HARALD 3,086,653
WAKASKAR, RAJESH 3,086,158
WALKER, EDWARD 3,086,747
WALKER, KATIE M. 3,086,526
WALKER, PETER 3,086,251
WALKER, ROBERT 3,086,067
WALSH, JAMES, C. 3,086,010
WALTHER, BURKHARD 3,086,625
WALUS, KONRAD 3,086,188
WAN, HAIJUN 3,086,845
WANG, CHEN-CHAO 3,085,961
WANG, DUJUAN 3,086,805
WANG, FEIFEI 3,086,618
WANG, GUANGYI 3,085,337
WANG, HONGWEI 3,086,618
WANG, HUI-CHEN 3,086,714
WANG, JIABING 3,086,054
WANG, JUNQIANG 3,086,808
WANG, LIHUI 3,086,882
WANG, PENG 3,086,183
WANG, QUANREN 3,086,429
WANG, RUMIN 3,086,616
WANG, SAMANTHA CHEN-YEE 3,086,413
WANG, TAO 3,086,236
WANG, WEI 3,086,805
WANG, XI 3,086,620
WANG, XINGLONG 3,077,834
WANG, YAO 3,086,328
WANG, YING 3,085,347
WANG, YING 3,085,938
WANG, YONGQIANG 3,086,434
WANG, ZHENGYI 3,086,434
WANG, ZHONGBIN 3,086,270
WANG, ZHONGMIN 3,086,471
WANG, ZHONGSHUAI 3,086,254
WARBURTON, ANDREW 3,086,055
WARM, BERNDT 3,086,803
WARNAN, FRANCOIS 3,086,075
WATANABE, MAKOTO 3,086,888
WATSON, IAIN 3,086,370
WAWGD, INC. 3,086,676
WAWRZYN, GRAYSON 3,086,490
WAYMO LLC 3,086,055
WAYMO LLC 3,086,679
WAYMO LLC 3,086,809
WEBB ARUNDELL, ALEX 3,086,620
WEI, DONG 3,086,270
WEINSTEIN, ORI 3,086,542
WEIR MINERALS AUSTRALIA LTD 3,086,041
WEISS, ASSAF 3,086,553
WEISS, MATTHEW M. 3,086,763
WELVAERT, INGRID 3,086,084
WEN, SEN 3,085,326
WEN, SEN 3,085,327
WENDEL, ANDREAS 3,086,809
WENDT, TONI 3,085,987
WENDT, TONI 3,086,078
WENG, YU-SHIH 3,086,293
WESTENFELDER, DAVID A., II 3,086,901
WESTERMANN, GERD 3,086,249
WESTFALL, PATRICK 3,086,490
WESTLAKE, MATTHEW GABRIEL 3,086,637
WESTLIND, SAMUEL 3,086,467
WESTON, SIMON C. 3,086,339
WEYBRECHT, STEPHEN 3,085,320
WHITE, JAMES 3,086,681
WHITELEY, BRIAN K. 3,085,333
WHITELEY, BRIAN K. 3,085,817
WHITELEY, BRIAN K. 3,085,937
WHITELEY, BRIAN K. 3,085,942
WIATZ, VINCENT 3,086,108
WIATZ, VINCENT 3,086,380
WICKETT, GEOFFREY HOWARD 3,086,030
WICKS, DOUGLAS 3,086,015
WIELOCH, KELAN 3,086,010
WIEN, THOMAS 3,083,606
WIERINGA, JAN ALDERS 3,086,394
WIGH, SHRUTI 3,086,096
WILDMAN, MICHAEL C. 3,086,113
WILKEN, RALPH 3,086,475
WILLIAMS, DAVID 3,085,824
WILLIAMS, SIMON 3,086,198
WILLIAMSON, MICHAEL JAMES 3,086,252
WILMES, JUSTIN 3,086,541
WILSON, BRIAN 3,086,370
WILSONHOUCK, KYRA L. 3,086,413
WIND, TOMMY LYKKE 3,086,240
WINDEBANK, TIM 3,086,547
WINSTON, MATTHEW T. 3,086,678
WINTERGERST FISCH, LUIS 3,086,322
WISCONSIN ALUMNI RESEARCH FOUNDATION 3,085,355
WISCONSIN ALUMNI RESEARCH FOUNDATION 3,085,358
WISER, OFER 3,086,815
WISMANS, PERRY TH. J.G. 3,086,806
WITKOWSKI, JAKUB 3,086,440
WITTERN, LUKAS 3,086,620
WITTMEIER, DAVID 3,086,504
WIZEL, BENJAMIN 3,085,975
WOBBEN PROPERTIES GMBH 3,086,006
WOELFLE, HEIMO 3,086,625
WOJCIECHOWSKI, KEITH 3,086,169
WOLFF, PETER 3,086,003
WOLK, HANS-JORG 3,086,459
WOLLERTON VAN HORCK, FRANCISCA 3,086,098
WOLPERT, HOWARD ALLAN 3,085,930
WOO, JOO YONG 3,085,361
WOS-LATOSI, KATARZYNA 3,086,440
WOTTON, GEOFFREY 3,086,177
WROBEL, DAVID 3,085,313
WU, DIANE 3,086,699
WU, DONG 3,086,471
WU, PENGFEI 3,086,084
WU, QIANG 3,086,058
WU, TSE HUAI 3,086,096
WU, WEN-LIAN 3,086,522
WU, YANAN 3,086,433
WU, YUN 3,086,513
WULHFARD, SARAH 3,085,960
WYRICK, MEGHAN K 3,086,291
X DEVELOPMENT LLC 3,086,213
XENCOR, INC. 3,086,199
XEROS LIMITED 3,085,969
XIA, MIN 3,086,291
XIAO, WEI 3,086,805
XIAO, WEI 3,086,807
XU, XIAOFENG 3,086,054
XU, XIAOWEI 3,086,804
XU, YAN 3,086,054
XU, ZHANPING 3,085,352
XU, ZHANPING 3,085,932
XU, ZHANPING 3,085,947
XUE, YUANTING 3,086,052
XUZHOU GOLDFLUID HYDRAULIC TECHNOLOGY DEVELOPMENT CO., LTD. 3,086,270
YAGITA, YUKI 3,086,834
YALE UNIVERSITY 3,085,322
YALE UNIVERSITY 3,085,954
YALE UNIVERSITY 3,085,955
YAMADA, MANABU 3,086,218
YAMADA, RYOTA 3,086,821
YAMADA, SHOHEI 3,086,835
YAMADA, TAKAYUKI 3,086,016
YAMAGUCHI, SHINPEI 3,086,842
YAMAMOTO, SAYO 3,086,451
YAMAMOTO, TAKAHARU 3,086,016
YAMAMOTO, YASUKO 3,086,457
YAMASHIRO, YUJI 3,086,183

YAMAUCHI, TAMIO 3,086,825
YAN, GUANGMEI 3,086,866
YAN, HAIFENG 3,086,270
YAN, YANGYI 3,086,807
YANG, CHANG SOO 3,086,337
YANG, CHAOHUI 3,086,611
YANG, CHUNHUI 3,077,834
YANG, FAN 3,085,950
YANG, HEPING 3,086,855
YANG, HONG-WOON 3,085,356
YANG, JUHUI 3,086,805
YANG, JUHUI 3,086,807
YANG, NING 3,086,702
YANG, TIANREN 3,086,805
YANG, YONGYONG 3,086,048
YANG, YONGYONG 3,086,605
YANG, ZHENFAN 3,086,616
YANG, ZHIQIANG 3,086,522
YANG, ZHONGYU 3,086,808
YANG, ZUNGYOON 3,086,222
YANG, ZUNGYOON 3,086,224
YARA INTERNATIONAL ASA 3,086,315
YARED, PETER 3,086,176
YASUDA, MASAFUMI 3,086,011
YAVARI, KEIHANN 3,085,540
YEDITEPE UNIVERSITESI 3,086,056
YEN, SHIH-CHIEH 3,086,714
YI, BYUNGDOO ALEXANDER 3,086,649
YI, XIAOHUA 3,086,529
YILDIRIM, EDIZ 3,085,823
YIN, WEI 3,086,866
YONKER, JASON 3,086,414
YOON, BYOUNG HOON 3,086,227
YOON, JI YOUNG 3,085,914
YOON, JOONSEON 3,085,361
YOSHIDA, KAZUHISA 3,086,304
YOSHIKAWA, HIDEKI 3,086,220
YOST, CASEY 3,086,414
YOU, HUI 3,086,184
YOU, HUI 3,086,185
YOU, XIN 3,086,722
YOU, YANZHEN 3,086,255
YOU, ZHENG 3,086,547
YOUNG, ANDREW BRIAN 3,086,518
YOUNG, JASON MAURICE 3,086,591
YOUNG, ROWENA 3,086,652
YU, CHEN HUA 3,086,354
YU, LUNA 3,086,252
YU, QINGZENG 3,086,805
YU, SEUNG SHIN 3,086,046
YU, ZHAOHUI 3,086,433
YUN, MI KYUNG 3,086,711
YUN, MI, KYUNG 3,086,671
YUNG, VICTOR 3,086,044
YUSSMAN, MARTIN GLENN 3,086,193
YVIN, JEAN-CLAUDE 3,086,382
ZABROCKI, PIOTR 3,086,448
ZADIANCE LLC 3,086,467
ZAHN, ROLAND CHRISTIAN 3,086,325
ZAHND, DANIEL 3,086,229
ZAKS, DIEGO 3,086,414
ZALESKY, LARRY R. 3,086,175
ZAMBONI, ROBERT 3,086,671
ZAMBONI, ROBERT 3,086,711
ZANG, JINGWU 3,086,434
ZARODEX THERAPEUTICS LIMITED 3,086,463
ZARODEX THERAPEUTICS LIMITED 3,086,632
ZAWACKY, STEVEN R. 3,086,537
ZEEVI, TAL 3,085,922
ZEILINGER, TODD A. 3,086,060
ZENG, LIJUN 3,086,255
ZENG, XI 3,085,349
ZENG, XI 3,086,899
ZENG, YIBIN 3,085,946
ZENG, YIBIN 3,086,111
ZERPA UNDA, JESUS ENRIQUE 3,085,360
ZETSCHE, BERND 3,086,550
ZETTERBERG, FREDRIK 3,086,092
ZHANG, CHENG 3,086,174
ZHANG, FENG 3,086,550
ZHANG, HAO 3,085,938
ZHANG, JINGWEI 3,086,758
ZHANG, KE 3,086,433
ZHANG, KEYA 3,086,023
ZHANG, LIXUN 3,086,805
ZHANG, PENGLIE 3,085,946
ZHANG, PENGLIE 3,086,111
ZHANG, XIAOLIN 3,086,616
ZHANG, XIDONG 3,086,805
ZHANG, XIDONG 3,086,807
ZHANG, XINYU 3,086,263
ZHANG, YAMIN 3,086,867
ZHANG, YANFENG 3,086,611
ZHANG, YI 3,086,763
ZHANG, YUEFAN 3,086,084
ZHAVORONKOV, KONSTANTIN GENRIKHOVICH 3,086,244
ZHEJIANG CHINT ELECTRICS CO., LTD. 3,086,613
ZHENG, CHUANYONG 3,077,834
ZHENG, GUOZHU 3,085,772
ZHENG, SHIJUN 3,086,183
ZHONG, MINGHONG 3,085,337
ZHOU, HUAXING 3,086,340
ZHOU, JUNYU 3,085,349
ZHOU, JUNYU 3,086,899
ZHOU, QIAN 3,086,805
ZHOU, QIAN 3,086,807
ZHU, JUNXUE 3,086,052
ZHU, WEI 3,086,616
ZHU, XUERONG 3,086,084
ZHU, YING 3,086,805
ZHUANG, TAISEN 3,086,096
ZHUO, XINGJIAN 3,086,805
ZIEGLER, GORAN 3,085,982
ZIEGLER, GORAN 3,085,983
ZIELAZEK, PAWEL 3,085,970
ZIELKOWSKI, AMANDA KATE 3,086,761
ZIERKE, THOMAS 3,086,273
ZILI, HASSAN 3,086,531
ZITVOGEL, LAURENCE 3,086,628
ZOBELE HOLDING S.P.A. 3,085,996
ZOBELE HOLDING S.P.A. 3,085,997
ZOBELE HOLDING, S.P.A. 3,086,049
ZONNEVELD, ANNA 3,086,591
ZOSO, NATHANIEL 3,086,854
ZOU, HAO 3,086,616
ZUCAL, CHIARA 3,085,957
ZULLINO, ANDREA 3,086,268
ZWICKEL, LIRAN 3,086,472
ZWILLING J. A. HENCKELS AG 3,083,127
ZYMERGEN INC. 3,086,490

Index of Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

Index des demandes canadiennes apparentées par division et demandes mises à la disponibilité du public non disponibles auparavant

10353744 CANADA LTD. 3,082,982
10353744 CANADA LTD. 3,082,987
10353744 CANADA LTD. 3,083,920
10353744 CANADA LTD. 3,083,924
ABIVEN, JEAN-GUILLAUME 3,083,790
ACKERMAN, WILLIAM G. 3,083,516
AGRI-COVER, INC. 3,083,669
AIRIA LEASING INC. 3,083,317
ALLERGAN, INC. 3,083,167
AMATO, MICHAEL J. 3,083,516
AMSAFE BRIDPORT LIMITED 3,083,490
ARRIS ENTERPRISES LLC 3,083,172
BABU, GOVINDARAJULU 3,084,173
BAR-EREZ, EYAL 3,083,921
BARCO, KYLE THOMAS 3,083,189
BARNES, BRYAN ROBERT 3,083,189
BEDI, ATUL 3,083,324
BERNICCHI, PAUL ANTHONY 3,083,516
BOON, CHOONG SENG 3,083,703
BOSSEN, FRANK JAN 3,083,886
BRITTON, ORSA 3,083,492
BURGGREN, KEEGAN E. 3,083,707
CALLE, ELIZABETH 3,084,176
CARLSON, BRIAN P. 3,083,181
CHAMBERLIN, IAN 3,083,798
CHERNIK, RYAN A. 3,083,181
CLINICAL GENOMICS PTY LTD 3,083,314
CLINTON, CHARLES M. 3,083,798
CLYMER, ERICA L. 3,083,189
COMCAST CABLE COMMUNICATIONS, LLC 3,083,598
COMCAST CABLE COMMUNICATIONS, LLC 3,084,150
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION 3,083,314
CONRADO, ROBERT JOHN 3,083,080
CORDEAU, DOUG 3,083,433
COURTNEY, BRIAN MICHAEL 3,083,189
COUTURE, PIERRE 3,083,790
CRABB, GREGORY 3,083,516
CRAFTS, JORDAN H. 3,083,189
CULLEN, AARON 3,083,433
DAHLGREN, ARON D. 3,083,181
DAIS, BRIAN C. 3,083,707
DAMON MOTORS INC. 3,084,580
DEIRMENGIAN, CARL 3,083,504
DEPUY SYNTHES PRODUCTS, INC. 3,083,504
DHALL, SANJAY 3,083,707
DIDZBALIS, JOHN 3,083,696
DIXON, ROBERT E. 3,083,516
DOWDY, ERIC 3,083,433
DRAKE, CHAD 3,083,081
DWIGGINS, JOHN H. 3,083,502
EASTON, LEAH 3,083,433
ECOLAB USA INC. 3,083,181
EDINGER, BENJAMIN 3,083,081
EISEN, MICHAEL 3,083,009
ELANCO TIERGESUNDHEIT AG 3,083,585
FENG, SHAOXIN 3,083,167
FERNO-WASHINGTON, INC. 3,083,921
FEUERBACH, DOMINIK 3,083,244
FORSELL, PETER 3,083,704
FOX, RYAN 3,083,508
FRICKE, WILLIAM BRYCE 3,083,189
GAUVRY, NOELLE 3,083,585
GILEAD SCIENCES, INC. 3,083,433
GILSON, ROSS 3,083,598
GIRAUD, DAMON JAY 3,084,580
GLEZER, ELI N. 3,083,798
GOMEZ-MANCILLA, BALTAZAR 3,083,244
GPCP IP HOLDINGS LLC 3,083,502
GRINBERGS, PETER KARL 3,083,317
GUI, LIQIONG 3,084,176
HE, YUNSHENG 3,083,244
HERSHBERGER, DAVID 3,083,081
HIGUCHI, YOSHINOBU 3,083,920
HIGUCHI, YOSHINOBU 3,083,924
IMPLANTICA PATENT LTD. 3,083,704
IMPOSSIBLE FOODS INC. 3,083,009
INCOZEN THERAPEUTICS PVT. LTD. 3,084,173
IRWIN, DONALD E. 3,083,516
ISHAM, STEVE 3,083,081
JEFFREY-COKER, BANDELE 3,083,798
JOHNS, DONALD 3,083,244
KARAMI, THOMAS K. 3,083,167
KENT, KENNETH 3,083,433
KIDRON, MIRIAM 3,083,198
KIDRON, MIRIAM 3,083,698
KNODE, GALEN EDGAR 3,083,189
KOCHAR, MANISH 3,083,798
KOVACS, SANDOR 3,083,798
KUMAR, SANJEEV 3,083,189
KWAN, WILLIAM 3,083,317
KWONG, DOMINIQUE 3,084,580
LANZATECH NEW ZEALAND LIMITED 3,083,080
LAPOINTE, LAWRENCE 3,083,314
LE, DT 3,083,798
LEENDERTSE, JAAP 3,083,484
LEIMKUEHLER, AARON 3,083,798
LENZ, JONATHAN T. 3,083,189
LOPEZ-LOPEZ, CRISTINA 3,083,244
LUDWIG, STEPHEN M., JR. 3,083,189
LUTHRA, AJAY K. 3,083,172
LUTRON TECHNOLOGY COMPANY LLC 3,083,189
MA, CHUN 3,083,488
MACLACHLAN, BRIAN 3,083,081
MANSTEIN, DIETER 3,083,700
MARS, INCORPORATED 3,083,696
MARTIN, MICHAEL EMERSON 3,083,080
MCALLISTER, KEVIN HALL 3,083,244
MCKENZIE, NAN K. 3,083,516
MERETTE, JEAN-SEBASTIEN 3,083,790
MESO SCALE TECHNOLOGIES, LLC. 3,083,798
MIHALCEA, CHRISTOPHE DANIEL 3,083,080
MIKHAIL, GEORGE 3,083,504
MOELLER, BERND 3,083,699
MOLLOY, PETER 3,083,314
MUNAFO, JOHN P. 3,083,696
MUTHUPPALANIAPPAN, MEYYAPPAN 3,084,173
MYOMEGA SYSTEMS GMBH 3,083,699
NADJI, SOURENA 3,083,488
NARASIMHAN, MANDAYAM 3,083,172
NELSON, WESLEY M. 3,083,181
NEUROHR, ANSELM JAKOB 3,083,790
NGUYEN, TRONG TIN 3,083,790
NIKLASON, LAURA E. 3,084,176
NOLAN, DAVID A. 3,083,492
NOVARTIS AG 3,083,244
NTT DOCOMO, INC. 3,083,703
NTT DOCOMO, INC. 3,083,886
O'REILLY BROWN, PATRICK 3,083,009
OCKENFUSS, GEORG J. 3,083,209
OHRR, KEVIN K. 3,083,488
ORAMED LTD. 3,083,198
ORAMED LTD. 3,083,698
PATEL, PAYAL PARTH 3,083,488
PEDERSEN, SUSANNE 3,083,314
PETERSEN, THOMAS 3,084,176
PEZOUS, NICOLE 3,083,244
PFEIFFER, STEVEN 3,083,433
PIERSON, GLEN 3,083,504
PINCKNEY, GREG 3,083,798
PIRELLI TYRE S.P.A. 3,083,484
POLNIASZEK, RICHARD 3,083,433
PORCHIA, JOSE 3,083,707
QURESHI, SALEEM 3,083,707
RAGHURAM, SANDEEP MUDABAIL 3,083,189
RAVI, RAJANI 3,083,324
REASONER, STEPHEN 3,083,081
REIGER, GERARD 3,083,317

RELIABLE BIOPHARMACEUTICAL CORPORATION	3,083,488
RHIZEN PHARMACEUTICALS SA	3,084,173
RICHARD, ALAIN	3,083,790
ROTH, KRISTIAN	3,083,798
S.C. JOHNSON & SON, INC.	3,083,707
SANDFORD, LISA	3,083,244
SCHMEICHEL, CHARLES M.	3,083,669
SCHROEDER, TIMOTHY PAUL	3,083,921
SHELL-CASE, LTD.	3,083,921
SIGAL, GEORGE	3,083,798
SIMON, JOHN W.	3,083,669
SIMPSON, SEAN DENNIS	3,083,080
SMITH, DANIEL W.	3,083,516
SMITH, SCOTT W.	3,083,167
SOLOMATIN, SERGEY	3,083,009
SPECTOR, YUVAL	3,083,921
STEPHEN, VICTORIA K.	3,083,516
STRYKER CORPORATION	3,083,081
SUMNICHT, DANIEL W.	3,083,502
SUSLOV, SERGEI	3,084,150
SUZUKI, YOSHINORI	3,083,703
TAHTAOUI, CHOUAIB	3,083,585
TAN, THIOW KENG	3,083,703
TANAKA, TATSUO	3,083,920
TANAKA, TATSUO	3,083,924
TARTAL, WILLIAM A.	3,083,516
TECMEN ELECTRONICS CO., LTD.	3,083,089
THE GENERAL HOSPITAL CORPORATION	3,083,700
THE JOHNS HOPKINS UNIVERSITY	3,083,324
TRAN, DUONG	3,083,433
TROMBIN, ANDREA	3,083,484
UNITED STATES POSTAL SERVICE	3,083,516
VAKKALANKA, SWAROOP K. V. S.	3,084,173
VAN KAMPEN, WILLIAM	3,083,492
VANDERWOUDE, BRIAN	3,083,081
VARADAN, RANJANI	3,083,009
VIAVI SOLUTIONS INC.	3,083,209
VISWANADHA, SRIKANT	3,084,173
VRLJIC, MARIJA	3,083,009
WALSH, RICHARD M., III	3,083,189
WEIMER, JONATHAN	3,083,508
WEISS, ANDREW S.	3,083,707
WEISS, MARKUS	3,083,244
WOOD, JOHN	3,083,490
WU, KE	3,083,167
WU, ZIQIAN	3,083,089
YALE UNIVERSITY	3,084,176
YIN, FEI	3,083,798
YU, RICHARD	3,083,433
ZHANG, YI	3,082,982
ZHANG, YI	3,082,987
ZHOU, ZHONGXIN	3,083,433
ZIMMER, INC.	3,083,492
ZIMMER, INC.	3,083,790