



Canadian  
Intellectual Property  
Office

An Agency of  
Industry Canada

Office de la propriété  
intellectuelle  
du Canada

Un organisme  
d'Industrie Canada

ISSN-1712-4034



# Canadian Patent Office Record

# Gazette du Bureau des brevets

Vol. 133 No. 5 February 1, 2005

Vol. 133 N° 5 le 1 février 2005

Canada

CIPO  OPIC

# THE CANADIAN PATENT OFFICE RECORD

# LA GAZETTE DU BUREAU DES BREVETS

David Tobin  
Commissioner of Patents

David Tobin  
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 other than those concerning subscriptions or requests for single copies should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

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 autre que les abonnements ou les commandes d'exemplaires séparés.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

# **Table of Contents**

## **Table des matières**

Notices	
Avis .....	1
Canadian Patents Issued	
Brevets canadiens délivrés .....	15
Canadian Applications Open to Public Inspection	
Demandes canadiennes mises à la disponibilité du public .....	47
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale.....	71
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 .....	155
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	157
Index of Canadian Applications Open to Public Inspection	
Index des demandes canadiennes mises à la disponibilité du public .....	163
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	167
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 .....	183

# 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] - Reissue Grant Date
- [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 en-têtes 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 en-têtes 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), siège 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 redélivrance
- [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

## Avis

### 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 at: [www.wipo.int/scit/en/standards/standards.htm](http://www.wipo.int/scit/en/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](http://www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting a 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

### 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.

### 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 à : [www.wipo.int/scit/fr/standards/standards.htm](http://www.wipo.int/scit/fr/standards/standards.htm).

### 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 au [www.strategis.ic.gc.ca/brevetscommande](http://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 mégaoctets qui excède 7 mégaoctets, l'excédant étant arrondi au multiple supérieur	10 \$

### 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.

## Notices

### 5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit on 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 on request.

### 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.

### 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 10 of these notices.

### 8. List of Patents Available for Licence or Sale

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

**2,310,062**  
**2,337,012**

### 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. 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. 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. 10 des présents avis.

### 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.

**2,310,062**  
**2,337,012**

## Avis

### 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.

## Notices

### **11. PATENT COOPERATION TREATY (PCT)**

#### **SCHEDULE OF FEES APPLICABLE FROM JULY 26, 2004**

<b>1. Transmittal Fee (Rule 14)</b>	<b>\$300</b>
<b>2. * International Filing Fee (Rule 15.2(a))</b>	<b>\$1489</b>
Amount for each additional sheet over 30	<b>\$16</b>
<b>3. International Search Fee</b>	<b>\$1600</b>

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 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 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.

#### **5. Late Payment Fee**

50% of the fees that are due, or,  
Minimum: Transmittal Fee  
Maximum: International Filing Fee

Preliminary Examination

#### **6. Handling Fee (Rule 57.2(a))**

#### **7. Preliminary Examination Fee (Rule 58)**

Beginning July 26, 2004, Canada will become the International Searching Authority and International Preliminary Examining Authority for international applications filed by Canadian applicants.

\* International fees will be reduced by **\$106** for all applications filed using PCT-SAFE\*\*

\*\* PCT-SAFE is replacing PCT-EASY.

### **11. TRAITÉ DE COOPÉRATION EN MATIERE DE BREVETS (PCT)**

#### **BARÈME DE TAXES À PARTIR DU 26 JUILLET 2004**

<b>1. Taxe de transmission (Règle 14)</b>	<b>300 \$</b>
<b>2.*Taxe de dépôt internationale (Règle 15.2(a))</b>	<b>1489 \$</b>
Montant pour chaque feuille au delà de 30	<b>16 \$</b>
<b>3. Taxe de recherche internationale</b>	<b>1600 \$</b>

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 du dépôt de la demande, (soit la date de réception de la demande internationale). Les taxes doivent être payées en dollars canadiens et sont payables au Receveur Général du Canada.

Si l'office récepteur constate que le déposant ne lui a payé aucune taxe, il invite le déposant à lui payer, dans un délai d'un mois à compter de la date de l'invitation, le montant nécessaire pour couvrir ces taxes, majoré, le cas échéant, de la taxe pour paiement tardif visée à la règle 16bis.2.

#### **5. Taxe pour paiement tardif**

50% du montant impayé, ou,  
Minimum : taxe de transmission  
Maximum : taxe de base

Examen préliminaire

#### **6. Taxe de traitement (Règle 57.2(a))**

#### **7. Taxe d'examen préliminaire (Règle 58)**

A partir du 26 juillet 2004, le Canada deviendra officiellement l'Autorité de Recherche Internationale et d'Examination Préliminaire International pour les demandes internationales déposées par les demandeurs canadiens.

\*Les frais seront réduits de **106 \$** pour toutes les demandes déposées en utilisant PCT-SAFE\*\*

\*\* PCT-SAFE remplacera PCT-EASY.

## Avis

### 12. PCT notices

#### PCT Signature Requirements

Please note that in conformity with the PCT requirements, the European Patent Office (EPO) requires that the signature identifies a physical person (whose name should be typewritten below the signature); where the person signs on behalf of a legal entity, the capacity should also be indicated (typewritten).

(See PCT -Applicant's Guide, <http://www.wipo.int>)

#### 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" at [publications.mail@wipo.int](mailto:publications.mail@wipo.int) or visit their Web site at <http://www.wipo.int>.

### 13. PRACTICE NOTICE

#### **STATUTORY HOLIDAYS (*DIES NON*)**

**Note:** This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) 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.

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) 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

### 12. Avis PCT

#### Exigences des signatures du PCT

Veuillez noter que conformément aux exigences du PCT, l'Office européen des brevets (OEB) réclame que la signature identifie une personne physique dont le nom dactylographié devrait apparaître au-dessous de la signature. Lorsque telle personne signe au nom d'une personne morale, il convient d'indiquer, également en caractères dactylographiques, la qualité du signataire.

(Voir le Guide du déposant du PCT, <http://www.wipo.int>)

#### 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 à [publications.mail@wipo.int](mailto:publications.mail@wipo.int) ou visiter leur site Web à <http://www.wipo.int>.

### 13. ÉNONCÉ DE PRATIQUE

#### **JOURS FÉRIÉS (*DIES NON*)**

**Nota :** Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) 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

## Notices

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.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, 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 they are properly entitled to any needed extension of the time limit.

### Time limits under the *Patent and Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

### Time limits 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 on which such Office or organization is not open to the public for the purposes of the transaction of official business, or on which ordinary mail is not delivered in the locality in which such Office or organization is situated, the period shall expire on the next subsequent day on which neither of the two circumstances exists.”

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada 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. CIPO however takes no position as to whether such extensions would be recognized by other coun-

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 un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, 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.

### Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

### Délais prévus dans le 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 où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles, ou bien un jour où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé, le délai prend fin le premier jour suivant où ces deux circonstances n'existe plus. »

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il

## Avis

tries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

### Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

- 1) **Alberta:** 3rd Monday in February (Alberta Family Day)
- 2) **British Columbia:** 1st Monday in August (British Columbia Day)
- 3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
- 4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
- 5) **Ontario:** 1st Monday in August (Civic Holiday)
- 6) **Quebec:** June 24 (St. John the Baptist Day)
- 7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
- 8) **Yukon:** 3rd Monday in August (Discovery Day)

When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

- 1) All Saturdays and Sundays
- 2) \*New Year's Day (Jan. 1)
- 3) Good Friday
- 4) Easter Monday
- 5) Victoria Day - First Monday immediately preceding May 25
- 6) \*St. John the Baptist Day (June 24)
- 7) \*Canada Day (July 1)
- 8) Labour Day - First Monday in September
- 9) Thanksgiving Day - Second Monday in October
- 10) \*Remembrance Day (November 11)
- 11) \*Christmas Day (December 25)
- 12) Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

\*If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

### Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

- 1) **Alberta :** 3e lundi de février (Jour de la Famille de l'Alberta)
- 2) **Colombie-Britannique :** 1er lundi d'août (Fête de la Colombie-Britannique)
- 3) **Nouveau-Brunswick :** 1er lundi d'août (Fête du Nouveau-Brunswick)
- 4) **Nouvelle-Écosse :** 1er lundi d'août (congé statutaire)
- 5) **Ontario :** 1er lundi d'août (congé statuaire)
- 6) **Québec :** 24 juin (Saint-Jean-Baptiste)
- 7) **Saskatchewan :** 1er lundi d'août (Fête de la Saskatchewan)
- 8) **Yukon :** 3e lundi d'août (Jour de la Découverte)

Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

- 1) Tous les samedi et dimanche
- 2) \*Jour de l'An (1er janvier)
- 3) Vendredi Saint
- 4) Lundi de Pâques
- 5) Fête de Victoria - premier lundi précédent immédiatement le 25 mai
- 6) \*Saint-Jean-Baptiste (le 24 juin)
- 7) \*Fête du Canada (1er juillet)
- 8) Fête du travail - premier lundi de septembre
- 9) Jour de l'Action de grâces - deuxième lundi d'octobre
- 10) \*Jour du souvenir (11 novembre)
- 11) \*Jour de Noël (25 décembre)
- 12) L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

\*Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

## Notices

### 14. Updated Correspondence Procedures

Note: This practice notice is intended to provide guidance on current Canadian Intellectual Property 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.

***This notice replaces all previous notices concerning Correspondence Procedures of the Canadian Intellectual Property Office (CIPO).***

#### CIPO

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations (1996)*, section 2 of the *Copyright Regulations*, section 3 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 Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, 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  
Tel.: (819) 997-1727

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

#### Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations (1996)*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and paragraph 3(2)(b) 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 Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered:

- 1) Industry Canada  
C.D. Howe Building  
235 Queen Street, Room S-117  
Ottawa ON K1A 0H5  
Tel.: (613) 954-3584

### 14. Mise à jour des procédures de correspondance

Note : Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.

***Cet avis remplace tous les avis antérieurs concernant les procédures de correspondance de l'Office de la propriété intellectuelle du Canada (OPIC).***

#### OPIC

Aux fins des articles 5 et 54 des *Règles sur les brevets*, l'article 3 du *Règlement sur les marques de commerce (1996)*, l'article 2 du *Règlement sur le droit d'auteur*, l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse qui suit correspond à celle du Bureau des brevets, du bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois dénommés collectivement « OPIC ») :

Office de la propriété intellectuelle du Canada  
Place du Portage I  
50, rue Victoria, bureau C-114  
Gatineau (Québec) K1A 0C9  
Tél. : (819) 997-1727

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée avoir été reçue le jour de la livraison.

#### Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce (1996)*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et de l'alinéa 3(2)b) du *Règlement sur les topographies de circuits intégrés*, les établissements désignés ou bureaux désignés où peut être livrée la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

- 1) Industrie Canada  
Édifice C.D. Howe  
235, rue Queen, bureau S-117  
Ottawa (Ontario) K1A 0H5  
Tél. : (613) 954-3584

## Avis

- 2) Industry Canada  
5 Place Ville-Marie, Suite 700  
Montreal QC H3B 2G2  
Tel.: (514) 496-1797  
Toll-free: 1-888-237-3037
- 3) Industry Canada  
151 Yonge Street, 4th Floor  
Toronto ON M5C 2W7  
Tel.: (416) 973-5000
- 4) Industry Canada  
Canada Place  
9700 Jasper Avenue, Suite 725  
Edmonton AB T5J 4C3  
Tel.: (780) 495-4782  
Toll-free: 1-800-461-2646
- 5) Industry Canada  
Library Square  
300 West Georgia Street, Suite 2000  
Vancouver BC V6B 6E1  
Tel.: (604) 666-5000

Correspondence<sup>1</sup> delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

### Registered Mail Service 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* (1996), subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and paragraph 3(2)(b) of the *Integrated Circuit Topography Regulations*, the Registered Mail Service of Canada Post is a designated establishment or designated office to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

Correspondence<sup>1</sup> delivered through the Registered Mail Service of Canada Post will be considered to be received on the date

<sup>1</sup> With the exception of correspondence addressed to the Office of the Registrar of Topographies

2) Industrie Canada  
5, Place Ville-Marie, bureau 700  
Montréal (Québec) H3B 2G2  
Tél. : (514) 496-1797  
Sans frais : 1-888-237-3037

3) Industrie Canada  
151, rue Yonge, 4e étage  
Toronto (Ontario) M5C 2W7  
Tél. : (416) 973-5000

4) Industrie Canada  
Canada Place  
9700, avenue Jasper, bureau 725  
Edmonton (Alberta) T5J 4C3  
Tél. : (780) 495-4782  
Sans frais : 1-800-461-2646

5) Industrie Canada  
Library Square  
300, rue Georgia Ouest, bureau 2000  
Vancouver (Colombie-Britannique) V6B 6E1  
Tél. : (604) 666-5000

La correspondance<sup>1</sup> livrée, pendant les heures normales d'ouverture, à l'un des établissements désignés figurant sur la liste ci-dessus, se verra attribuer la date de livraison à l'établissement désigné en question, seulement si à cette date l'OPIC est ouvert au public. Si à cette date l'OPIC est fermé au public, la correspondance livrée à l'établissement désigné en question se verra attribuer comme date de réception la date du jour de la réouverture de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer la date de réception du 24 juin puisque l'OPIC est fermé au public à cette date.

### Service Courrier recommandé de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce* (1996), du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et de l'alinéa 3(2)b) du *Règlement sur les topographies de circuits intégrés*, le service Courrier recommandé de Postes Canada est un établissement désigné ou bureau désigné auquel 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 livrée.

La correspondance<sup>1</sup> livrée par le service Courrier recommandé de Postes Canada se verra attribuer la date timbrée sur

<sup>1</sup> À l'exception de la correspondance adressée au Bureau du registraire des topographies

## Notices

stamped on the envelope by Canada Post, only if it is also a day on which CIPO is open for business. If the date stamp on the Registered Mail is a day when CIPO is closed for business, the Registered Mail will be considered to be received on the next day on which CIPO is open for business.

### Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6) and 54(5) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations (1996), subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 4(1) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile or on-line via CIPO's Web site only as provided below.

**The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence. Subsection 3(9) of the Trade-marks Regulations (1996) specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or on-line.**

Correspondence sent by facsimile or on-line to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered 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 open for business.

#### (a) Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

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

Additionally, for the purposes of opposition proceedings, and sections 44 and 45 of the *Trade-marks Act*, facsimile correspon-

l'enveloppe par Postes Canada, seulement si à cette date l'OPIC est ouvert au public. Si à cette date l'OPIC est fermé au public, le Courrier recommandé se verra attribuer comme date de réception la date du jour de la réouverture de l'OPIC.

### Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6) et 54(5) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce (1996), du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 4(1) 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 ou au registraire des topographies peut être transmise par télécopieur ou en ligne à partir du site Web de l'OPIC de la manière prévue ci-dessous seulement.

**Les exigences ayant trait à la présentation des documents mentionnés aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance transmise par télécopieur. Le paragraphe 3(9) du Règlement sur les marques de commerce (1996) spécifie certaines catégories de correspondance à laquelle les dispositions du paragraphe 3(6) ne s'appliquent pas, et par conséquent, ne peut être envoyée par télécopieur ou en ligne.**

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée par mode de transmission électronique, incluant par télécopieur, est réputée reçue le jour où elle a été transmise avant minuit, heure locale, à l'OPIC, lorsque l'OPIC est ouvert au public. Si la correspondance est transmise électroniquement un jour où l'OPIC est fermé au public, elle est réputée reçue le jour de la réouverture de l'OPIC.

#### (a) Télécopieur

La correspondance par télécopieur 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 aux numéros ci-dessous :

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

De plus, aux fins des procédures d'opposition, et des articles 44 et 45 de la *Loi sur les marques de commerce*, la correspondance

## Avis

dence addressed to the Registrar of Trade-marks should be sent to the following number:

(819) 997-5092

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

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment that the correspondence has in fact been received. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the covering letter to ensure expedient processing. Payment arrangements may be made through CIPO's Finance Branch at the following number: (819) 994-2269.

### (b) On-line

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site: [www.cipo.gc.ca](http://www.cipo.gc.ca)

#### Patents

In accordance with section 8.1 of the *Patent Act*, and for the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Patents" page and selecting the link for the desired on-line action:

filling an application; completing an application; maintaining the name of a patent agent on the register of patent agents; ordering copies in paper, or electronic form of a document; and general correspondence relating to applications and patents.

#### Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations (1996)*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Trade-marks" page and selecting the link for the desired on-line action:

par télécopieur adressée au registraire des marques de commerce devrait être transmise au numéro ci-dessous :

(819) 997-5092

La correspondance par télécopieur qui est transmise à tout numéro de télécopieur autre que ceux indiqués ci-dessus, y compris ceux des établissements désignés ou bureaux désignés, sera considérée comme n'étant pas reçue.

Le rapport de transmission électronique que vous recevez après votre transmission par télécopieur constituera votre accusé de réception à l'effet que la correspondance a bel et bien été reçue. La confidentialité des procédures de transmission par télécopieur ne peut être garantie.

Quand on transmet, par télécopieur, un document qui doit être accompagné d'une taxe, le mode de paiement préféré doit être clairement indiqué sur la lettre de présentation afin d'assurer un traitement rapide. Vous pouvez communiquer avec la Direction des finances de l'OPIC en composant le (819) 994-2269, afin de prendre les dispositions nécessaires.

### (b) 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 en accédant au site Web de l'OPIC à : [www.opic.gc.ca](http://www.opic.gc.ca)

#### Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance qui suit, adressée au commissaire aux brevets, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Brevets » et en sélectionnant le lien pour l'action en ligne désirée :

déposer une demande; compléter une demande; maintenir l'inscription du nom d'un agent de brevets dans le registre des agents de brevets; commander des copies de documents sur support papier ou sous forme électronique; et la correspondance générale liée aux demandes et brevets.

#### Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce (1996)*, la correspondance qui suit, adressée au registraire des marques de commerce, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Marques de commerce » et en sélectionnant le lien pour l'action en ligne désirée :

## Notices

application for the registration of a trade-mark; filing of a revised application; renewal of a trade-mark registration; request to enter a name on the list of trade-mark agents; annual renewal of a trade-mark agent; and requesting copies of trade-mark documents.

### Copyrights

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Copyrights" page and selecting the link for the desired on-line action:

application for the registration of a copyright in a work, a performer's performance, a sound recording or a communication signal; registration of an assignment or licence of a copyright; issuing a corrected certificate of registration of copyright; ordering copies in paper, or electronic form of a document; and general correspondence relating to copyrights.

### Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Industrial Designs" page and selecting the link for the desired on-line action:

applying to register an industrial design; maintaining the registration of an industrial design; recording an assignment or licence; ordering copies in paper, or electronic form of a document; and general correspondence relating to industrial designs.

### Integrated Circuit Topographies

For the purpose of subsection 4(1) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's Web site ([www.cipo.gc.ca](http://www.cipo.gc.ca)), by accessing the "Integrated Circuit Topographies" page and selecting the link for the desired on-line action:

filings an application for registration of a topography; registering an assignment or licence; request for copy of a document; and general correspondence relating to integrated circuit topographies.

demande d'enregistrement d'une marque de commerce; demande d'enregistrement d'une marque de commerce modifiée; 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; et commander des copies de documents de marques de commerce.

### Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance qui suit, adressée au Bureau du droit d'auteur, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Droits d'auteur » et en sélectionnant le lien pour l'action en ligne désirée :

demande d'enregistrement d'un droit d'auteur sur une œuvre, une prestation, un enregistrement sonore ou un signal de communication; l'enregistrement de l'acte de cession d'un droit d'auteur ou d'une licence relative à un droit d'auteur; la délivrance d'un certificat corrigé d'enregistrement du droit d'auteur; commander des copies de documents sur support papier ou sous forme électronique; et la correspondance générale liée aux droits d'auteur.

### Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance qui suit, adressée au commissaire aux brevets, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Dessins industriels » et en sélectionnant le lien pour l'action en ligne désirée :

demander l'enregistrement d'un dessin industriel; maintien de l'enregistrement d'un dessin industriel; l'enregistrement d'un acte de cession ou licence; commander des copies de documents sur support papier ou sous forme électronique; et la correspondance générale liée aux dessins industriels.

### Topographies de circuits intégrés

Aux fins du paragraphe 4(1) du *Règlement sur les topographies de circuits intégrés*, la correspondance qui suit, adressée au registraire des topographies, peut être transmise par voie électronique au site Web de l'OPIC ([www.opic.gc.ca](http://www.opic.gc.ca)), en accédant à la page intitulée « Topographies de circuits intégrés » et en sélectionnant le lien pour l'action en ligne désirée :

dépôt d'une demande d'enregistrement de topographie; enregistrement d'un acte de cession ou licence; commander des copies de documents; et la correspondance générale liée aux topographies de circuits intégrés.

## Avis

### General Information

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

Internet: [www.cipo.gc.ca](http://www.cipo.gc.ca)

Telephone: (819) 997-1936  
1-900-565-CIPO (\$3 flat rate per call)

#### Hearing Impaired only TTY:

(819) 997-2848 (Copyrights / Trade-marks / Integrated Circuit Topographies)  
(819) 997-2234 (Patents / Industrial Designs)

Facsimile: (819) 953-7620 (**enquiries only**)

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

E-mail: [cipo.contact@ic.gc.ca](mailto:cipo.contact@ic.gc.ca)

Business hours:  
8:30 a.m. to 4:30 p.m. (ET) Monday to Friday

### 15. DEDICATION TO THE PUBLIC IN THE MATTER OF CANADIAN PATENT N° 1, 276,559

Subject to the terms of this document, Merck & Co., Inc. as the registered owner of Canadian Patent No. 1,276,559, entitled "Aminoacid Derivatives Composition in Association with Diuretic Agents" (inventors Arthur A. Patchett, Elbert E. Harris, Matthew J. Wyvratt & Edward W. Tristram), hereby irrevocably dedicates to the public all rights that it may hold in and to claims 9, 10, 15 and 16 of Canadian Patent N° 1, 276,559.

The present dedication of claims 9, 10, 15 and 16 of Canadian Patent N° 1, 276,559 is made without any prejudice to the rights of Merck & Co., Inc. in and to all other claims of Canadian Patent 1,276,559 which have not been dedicated to the public and in and to any other patent or pending patent applications.

The present dedication shall apply to all subsequent owners of Canadian Patent 1,276,559 and to all persons who now or in the future may hold any rights under Canadian Patent 1,276,559.

### Renseignements généraux

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

Internet : [www.opic.gc.ca](http://www.opic.gc.ca)

Téléphone : (819) 997-1936  
1-900-565-OPIC (Tarif fixe de 3 \$ par appel)

#### Pour les malentendants seulement ATS :

(819) 997-2848 (Droits d'auteur / Marques de commerce / Topographies de circuits intégrés)  
(819) 997-2234 (Brevets / Dessins industriels)

Télécopieur : (819) 953-7620 (**demandes de renseignements seulement**)

Courrier : Office de la propriété intellectuelle du Canada  
Centre de services à la clientèle  
Place du Portage I  
50, rue Victoria, bureau C-114  
Gatineau (Québec) K1A 0C9

Courriel : [opic.contact@ic.gc.ca](mailto:opic.contact@ic.gc.ca)

Heures d'ouverture :  
de 8 h 30 à 16 h 30 (HE) du lundi au vendredi

### 15. CESSION AU PUBLIC RELATIVE AU BREVET CANADIEN N° 1,276,559

Sous réserve des termes de la présente cession, Merck & Co., Inc., propriétaire enregistré du Brevet canadien n° 1,276,559, intitulé "composition a base de derives d'acides amines en association avec des diurétiques" (Arthur A. Patchett, Elbert E. Harris, Matthew J. Wyvratt & Edward W. Tristram, inventeurs), par la présente, cède irrévocablement au public tous droits relatifs aux revendications 9, 10, 15 et 16 du Brevet canadien n° 1,276,559.

La présente cession des revendications 9, 10, 15 et 16 du Brevet canadien n° 1,276,559 est effectuée sous toute réserve des droits de Merck & Co., Inc. relatifs à toute autre revendication du Brevet canadien n° 1,276,559 n'ayant pas été cédés au public et sous toute réserve des droits de Merck & Co., Inc. relatifs à tout autre brevet ou à toute demande de brevet pendante.

La présente cession lie tout propriétaires subséquents du Brevet canadien n° 1,276,559 et toutes personnes qui détiennent ou détiendront quelque droit que ce soit relatif au Brevet canadien n° 1,276,559.

## **Notices**

Dated this 8th day of December 2004 at Rahway, New Jersey,  
United States of America.

Merck & Co., Inc.

Per:

Name: Edward W. Murray  
Title: Counsel

Signed before me at Rahway, New  
Jersey, United States of America, this 8th day of  
December 2004

Per: Carol A. Wallace-Mercer  
Notary Public

En date 8 décembre 2004 à Rahway, New Jersey, États-Unis  
d'Amérique.

Merck & Co., Inc.

Par :

Nom : Edward W. Murray  
Titre : Avocat

Signé devant moi à , New Jersey,  
États-Unis d'Amérique, le 8  
décembre 2004

Par : Carol A. Wallace-Mercer  
Notaire publique

## **16. Canadian Applications Open to Public Inspection**

The *Canadian Patent Office Record* of February 1, 2005 con-  
tains applications open to public inspection from January 9,  
2005 to January 15, 2005

## **16. Demandes Canadiennes mises à la dis- ponibilité du public**

Ce numéro de la *Gazette du bureau des brevets* contient les  
demandes disponibles au public pour consultation pour la pé-  
riode du 9 janvier 2005 au 15 janvier 2005

## **Avis**

# Canadian Patents Issued

February 1, 2005

## Brevets canadiens délivrés

1 fevrier 2005

---

[11] 2,063,104  
[13] C

[51] Int.Cl. 5B63B 35/08 5B63H 25/42  
[25] EN  
[54] ICEBREAKING SHIP  
[54] BRISE-GLACE  
[72] HARJULA, ARJO, FI  
[72] SALMI, PEKKA, FI  
[73] KVAERNER MASA-YARDS OY, FI  
[22] 1992-03-16  
[30] FI (911302) 1991-03-18

---

[11] 2,069,541  
[13] C

[51] Int.Cl. 5C12N 5/06 5A61K 35/18  
5A61K 39/395 5G01N 33/566  
[25] EN  
[54] INDUCTION OF AN ANTIGEN-SPECIFIC T-LYMPHOCYTE RESPONSE  
[54] INDUCTION D'UNE REPONSE CHEZ DES LYMPHOCYTES T SPECIFIQUES DE L'ANTIGENE  
[72] MELIEF, CORNELIS J. M., NL  
[72] KAST, WYBE M., NL  
[73] RIJKSUNIVERSITEIT LEIDEN, NL  
[73] SEED CAPITAL INVESTMENTS (SCI) B.V., NL  
[22] 1992-05-26

---

[11] 2,081,531  
[13] C

[51] Int.Cl. 5F23D 3/02 5F24C 5/00 5F24C 5/18  
[25] EN  
[54] COOKING FUEL CONTAINER AND BURNER  
[54] BRULEUR ET RECIPIENT POUR COMBUSTIBLE DE CUISSON  
[72] KIEFER, NATALIE ROBIN, US  
[72] BARBATO, FRANCIS T., US  
[72] HINDERER, LARRY, US  
[72] MESSINA, NEALE A., US  
[73] CANDLE CORPORATION OF AMERICA, US  
[22] 1992-10-27  
[30] US (7/785,960) 1991-10-31  
[30] US (7/953,422) 1992-09-29

---

---

[11] 2,081,588  
[13] C

[51] Int.Cl. 5A61C 13/00 5A61C 19/00  
[25] EN  
[54] SCANNING DEVICE  
[54] DISPOSITIF DE DETECTION  
[72] ANDERSSON, MATTS, SE  
[72] CARLSSON, LENNART, SE  
[73] NOBEL BIOCARE AB, SE  
[22] 1992-10-28  
[30] SE (9103204-5) 1991-11-01

---

[11] 2,082,605  
[13] C

[51] Int.Cl. 5G01N 33/574  
[25] EN  
[54] MONITORING OF NCA-BT IN BLOOD SAMPLES OF BREAST CANCER PATIENTS  
[54] SURVEILLANCE DE NCA-BT DANS DES ECHANTILLONS DE SANG PRELEVES CHEZ DES MALADES ATTEINTES DU CANCER DU SEIN  
[72] ELTING, JAMES J., US  
[72] BARNETT, THOMAS R., US  
[73] BAYER CORPORATION, US  
[22] 1992-11-10  
[30] US (815,934) 1991-12-30

---

[11] 2,083,159  
[13] C

[51] Int.Cl. 6A61K 38/30  
[25] EN  
[54] THE COMBINATION OF GROWTH HORMONE AND INSULIN-LIKE GROWTH FACTOR-1 ENHANCES GROWTH  
[54] COMBINAISON D'UNE HORMONE DE CROISSANCE ET DU FACTEUR DE CROISSANCE INSULINOÏDE I ACCELERANT LA CROISSANCE  
[72] CLARK, ROSS G., US  
[72] CRONIN, MICHAEL J., US  
[73] GENENTECH, INC., US  
[85] 1992-11-17  
[86] 1991-05-31 (PCT/US1991/003841)  
[87] (WO1991/018621)  
[30] US (07/535,005) 1990-06-07

---

---

[11] 2,090,560  
[13] C

[51] Int.Cl. 5C09J 163/00 5B05D 3/00  
5C09D 163/00 5C09D 179/04 5C09J 179/04  
5B05D 5/10  
[25] EN  
[54] HEAT-RESISTANT ADHESIVE COMPOSITION  
[54] COMPOSITION ADHESIVE RESISTANTE A LA CHALEUR  
[72] AMANO, SATOSHI, JP  
[72] IMASHIRO, YASUO, JP  
[72] SAITO, KAZUO, JP  
[72] TAKAHASHI, IKUO, JP  
[72] ITO, TAKAHIKO, JP  
[72] TOMITA, HIDESHI, JP  
[73] NISSHINBO INDUSTRIES, INC., JP  
[22] 1993-02-26  
[30] JP (04-078324) 1992-02-28

---

[11] 2,090,592  
[13] C

[51] Int.Cl. 5H01M 2/10  
[25] EN  
[54] BATTERY PACK  
[54] BLOC-PILES  
[72] MITSUI, HIDERO, JP  
[72] IDE, YOSHIHIRO, JP  
[73] SONY CORPORATION, JP  
[22] 1993-02-26  
[30] JP (P04-050004) 1992-03-06

---

[11] 2,093,296  
[13] C

[51] Int.Cl. 5C10G 32/02  
[25] EN  
[54] ELECTROSTATIC SEPARATOR USING A BEAD BED  
[54] SEPARATEUR ELECTROSTATIQUE UTILISANT UN LIT DE BILLES  
[72] FRITSCHE, GALE R., US  
[72] BUJAS, ROKO S. V., US  
[72] CAPRIOLIO, GIOVANNI C., CS  
[73] GENERAL ATOMICS, US  
[22] 1993-04-02  
[30] US (877,330) 1992-05-01

**Canadian Patents Issued  
February 1, 2005**

---

**[11] 2,093,320**  
[13] C

[51] Int.Cl. 5B65D 1/02 5B29C 49/04  
**5B65D 1/40**  
[25] EN  
[54] MULTILAYER BOTTLE AND A METHOD OF MANUFACTURING THE SAME  
[54] BOUTEILLE A PAROIS MULTICOUCHES ET METHODE DE FABRICATION  
[72] NISHIGAMI, AKIRA, JP  
[72] NAKAMURA, TETSUZO, JP  
[72] HONDA, MASATO, JP  
[73] YOSHINO KOGYOSHO CO., LTD., JP  
[85] 1993-04-02  
[86] 1992-08-05 (PCT/JP1992/000997)  
[87] (WO1993/002926)  
[30] JP (3-195566) 1991-08-05  
[30] JP (4-117756) 1992-05-11

---

**[11] 2,094,261**  
[13] C

[51] Int.Cl. 5C12N 15/18 5C07H 21/00  
**6A61K 38/18 5A61K 39/395 5G01N 33/566**  
**5G01N 33/574 5C12Q 1/68 6C07K 14/71**  
[25] FR  
[54] POLYPEPTIDE DE LA FAMILLE D'UN RECEPTEUR DE FACTEUR DE CROISSANCE, APPLICATION AU DIAGNOSTIC ET A LA THERAPIE DES MALADIES MYELOPROLIFERATIVES  
[54] POLYPEPTIDE OF A GROWTH FACTOR RECEPTOR FAMILY, APPLICATION IN THE DIAGNOSIS AND TREATMENT OF MYELOPROLIFERATIVE DISEASES  
[72] CHARON, MARTINE, FR  
[72] GISSELBRECHT, SYLVIE, FR  
[72] PENCIOLELLI, JEAN-FRANCOIS, FR  
[72] SOUYRI, MICHELE, FR  
[72] TAMBOURIN, PIERRE, FR  
[72] VARLET, PAULE, FR  
[72] VIGON, ISABELLE, FR  
[72] WENDLING, FRANCOISE, FR  
[73] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR  
[85] 1993-04-16  
[86] 1990-10-19 (PCT/FR1990/000762)  
[87] (WO1992/007074)

---

**[11] 2,095,935**  
[13] C

[51] Int.Cl. 5C07C 31/28 5C08G 79/00  
**5C08L 85/00 5C07C 29/70**  
[25] EN  
[54] POLYMERIC MATERIALS  
[54] MATERIAUX POLYMERES  
[72] BOS, MICHAEL A., AU  
[73] MICRONISERS PTY. LTD, AU  
[73] UNILEVER AUSTRALIA LIMITED, AU  
[85] 1993-05-10  
[86] 1991-11-25 (PCT/AU1991/000544)  
[87] (WO1992/009549)  
[30] AU (PK 3559) 1990-11-27  
[30] AU (PK 6267) 1991-05-22

---

**[11] 2,098,854**  
[13] C

[51] Int.Cl. 5B29C 43/18  
[25] EN  
[54] MANUFACTURING DEVICE AND MANUFACTURING METHOD FOR MULTI-LAYER MOLDED-PRODUCT  
[54] MACHINE ET PROCEDE POUR LA FABRICATION DE PRODUITS MOULES MULTICOUCHES  
[72] HARA, TAKAHISA, JP  
[72] MATSUMOTO, MASAHITO, JP  
[73] SUMITOMO CHEMICAL COMPANY, LIMITED, JP  
[22] 1993-06-21  
[30] JP (4-174177) 1992-07-01  
[30] JP (4-174180) 1992-07-01

---

**[11] 2,097,135**  
[13] C

[51] Int.Cl. 5B05D 1/32 5B05B 15/04  
**5H05K 3/28**  
[25] EN  
[54] FAST RESPONSE FILM COATER  
[54] DISPOSITIF D'ENDUCTION A REONSE RAPIDE  
[72] HOGAN, PATRICK T., US  
[72] TURNER, JAMES J., US  
[73] NORDSON CORPORATION, US  
[22] 1993-05-27  
[30] US (906,696) 1992-06-30

---

**[11] 2,100,105**  
[13] C

[51] Int.Cl. 5B62D 55/24  
[25] EN  
[54] RUBBER TRACK ASSEMBLY  
[54] SEMELLE EN CAOUTCHOUC  
[72] MURAMATSU, TATEO, JP  
[72] ISHIBASHI, MASARU, JP  
[72] YAMAZAKI, HARUMICHI, JP  
[73] BRIDGESTONE CORPORATION, JP  
[22] 1993-07-08  
[30] JP (4-207,309) 1992-07-10

---

**[11] 2,097,861**  
[13] C

[51] Int.Cl. 5H03M 7/00  
[25] EN  
[54] ADAPTIVE MAXIMUM LIKELIHOOD DEMODULATOR  
[54] DEMODULATEUR ADAPTATIF UTILISANT LA VRAISEMBLANCE MAXIMALE  
[72] DENT, PAUL W., US  
[73] ERICSSON INC., US  
[22] 1993-06-07  
[30] US (894,933) 1992-06-08

---

**[11] 2,101,205**  
[13] C

[51] Int.Cl. 5A47B 88/04  
[25] EN  
[54] SHOCK ABSORBING DISCONNECT LATCH FOR BALL BEARING SLIDES  
[54] VERROU DE DEMONTAGE, SOUPLE, POUR COULISSEAU DE ROULEMENT A BILLES  
[72] PARVIN, JACKIE D., US  
[73] ACCURIDE INTERNATIONAL, INC., US  
[22] 1993-07-23  
[30] US (07/920758) 1992-07-28

**Brevets canadiens délivrés  
1 fevrier 2005**

---

**[11] 2,102,761**  
[13] C

[51] Int.Cl. 5D05B 3/18  
[25] EN  
[54] DEVICE FOR AUTOMATICALLY FEEDING CURTAIN HOOKS TO A SEWING MACHINE  
[54] DISPOSITIF POUR ALIMENTER AUTOMATIQUEMENT EN CROCHETS A RIDEAUX UNE MACHINE A COUDRE  
[72] EISENKOLB, GUSTAAF JOZEF, NL  
[73] EISENKOLB CONFECTIONMACHINES B.V., NL  
[22] 1993-11-09  
[30] NL (9201957) 1992-11-09

---

**[11] 2,102,955**  
[13] C

[51] Int.Cl. 5A61B 17/115  
[25] EN  
[54] SEALING MEANS FOR ENDOSCOPIC SURGICAL ANASTOMOSIS STAPLING INSTRUMENT  
[54] ELEMENT DE SCELLAGE POUR AGRAFEUSE CHIRURGICALE ENDOSCOPIQUE D'ANASTOMOSE  
[72] MAIN, LAUREN O., US  
[72] GRANT, RICHARD L., US  
[73] ETHICON, INC., US  
[22] 1993-11-12  
[30] US (07/976,787) 1992-11-16

---

**[11] 2,109,172**  
[13] C

[51] Int.Cl. 5E01H 5/04  
[25] EN  
[54] SNOW PLOW WITH DEFORMABLE MOLDBOARD  
[54] CHASSE-NEIGE AVEC LAME TRANSFORMABLE  
[72] LAMOUREUX, GUY P., CA  
[72] GUERTIN, LUC J., CA  
[72] HOULE, BERTRAND Y., CA  
[73] 177197 CANADA LTEE, CA  
[22] 1993-10-25

---

**[11] 2,112,199**  
[13] C

[51] Int.Cl. 5F24H 7/00  
[25] EN  
[54] APPARATUS FOR HEATING CONCRETE  
[54] APPAREIL SERVANT A CHAUFFER LE BETON  
[72] MAKIN, COLIN, CA  
[73] MAKIN, COLIN, CA  
[22] 1993-12-22  
[30] US (158,645) 1993-11-29

---

**[11] 2,112,416**  
[13] C

[51] Int.Cl. 5C07C 217/76 5C07C 213/00  
5C07C 231/02 5C07C 233/18  
[25] EN  
[54] PROCESS FOR THE PREPARATION OF 2-ALKYL-6-METHYL-N-(1'-METHOXY-2'-PROPYL)-ANILINE AND A PROCESS FOR THE PREPARATION OF THEIR CHLORACETANILIDES  
[54] PROCEDE POUR LA PREPARATION DE 2-ALKYL-6-METHYL-N-(1'-METHOXY-2'-PROPYL)-ANILINE ET UN PROCEDE POUR LA PREPARATION DE LEURS CHLORACETANILIDES  
[72] BADER, ROLF, CH  
[72] FLATT, PETER, CH  
[72] RADIMERSKI, PAUL, CH  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[22] 1993-12-24  
[30] US (07/998,030) 1992-12-29

---

**[11] 2,118,639**  
[13] C

[51] Int.Cl. 5H01R 9/09 5H01R 23/72  
[25] EN  
[54] ELECTRICAL CONNECTOR MOUNTING POSTS  
[54] TIGES DE MONTAGE POUR CONNECTEUR ELECTRIQUE  
[72] LUTSKY, ARTHUR A., US  
[73] TYCO ELECTRONICS LOGISTICS AG, CH  
[22] 1994-03-09  
[30] US (030,528) 1993-03-12

---

**[11] 2,118,766**  
[13] C

[51] Int.Cl. 5B24D 5/00 5B24D 7/00 5B24D 9/00  
[25] EN  
[54] COATED ABRASIVE ARTICLE INCORPORATING AN ENERGY CURED HOT MELT MAKE COAT  
[54] ABRASIF APPLIQUE AVEC LIANT THERMOFUSIBLE RETICULE PAR APPOINT D'ENERGIE  
[72] FOLLETT, GARY J., US  
[72] GEORGE, CLAYTON A., US  
[73] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1994-03-10  
[30] US (08/047861) 1993-04-15

---

**[11] 2,119,150**  
[13] C

[51] Int.Cl. 5C22C 38/52 5C22C 38/50  
[25] EN  
[54] PRECIPITATION HARDENABLE MARTENSITIC STAINLESS STEEL  
[54] ACIER INOXYDABLE MARTENSITIQUE DURCISSABLE PAR PRECIPITATION  
[72] HULTIN-STIGENBERG, ANNA, SE  
[73] SANDVIK AB, SE  
[85] 1994-03-15  
[86] 1992-10-02 (PCT/SE1992/000688)  
[87] (WO1993/007303)  
[30] SE (9102889-4) 1991-10-07

**[11] 2,118,569**  
[13] C

[51] Int.Cl. 5A61M 5/315  
[25] EN  
[54] MEDICATION DISPENSING DEVICE  
[54] DISPOSITIF DE DISTRIBUTION DE MEDICAMENTS  
[72] MICHEL, PETER, CH  
[73] ELI LILLY AND COMPANY, US  
[22] 1994-03-08  
[30] US (08/031,595) 1993-03-15

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,119,409**  
[13] C

[51] Int.Cl. 5C23G 5/02 5F02B 77/04  
[25] EN  
[54] DEPOSIT CLEANING  
COMPOSITION FOR INTERNAL  
COMBUSTION ENGINES  
[54] COMPOSITION DE NETTOYAGE  
DES DEPOTS, POUR MOTEURS A  
COMBUSTION INTERNE  
[72] PIERCE-RUHLAND, G. FREDERICK,  
US  
[72] STOLDT, STEPHEN H., US  
[73] THE LUBRIZOL CORPORATION, US  
[22] 1994-03-18  
[30] US (08/035,137) 1993-03-19

---

[11] **2,121,318**  
[13] C

[51] Int.Cl. 5G01L 5/00 5G01L 5/24  
[25] EN  
[54] METHOD AND APPARATUS FOR  
MONITORING AND CONTROLLING  
TIGHTENING OF PREVAILING  
TORQUE FASTENERS  
[54] METHODE ET APPAREIL DE  
SURVEILLANCE ET DE CONTROLE  
DU SERRAGE D'UNE FIXATION  
[72] HATHAWAY, THOMAS J., US  
[72] SCHMID, FRANK L., US  
[72] RICE, EDWIN E., US  
[73] INGERSOLL-RAND COMPANY, US  
[22] 1994-04-14  
[30] US (08/049,716) 1993-04-20

---

[11] **2,124,888**  
[13] C

[51] Int.Cl. 5A01N 33/26  
[25] EN  
[54] TURFGRASS INSECTICIDES  
[54] INSECTICIDES POUR GAZON  
[72] JAMES, WILLIAM NIXON, JR., US  
[72] ALLER, HAROLD ERNEST, US  
[73] DOW AGROSCIENCES LLC, US  
[22] 1994-06-01  
[30] US (08/073,842) 1993-06-08

---

[11] **2,125,179**  
[13] C

[51] Int.Cl. 5A61M 5/32 5A61J 1/06  
5A61M 5/20 5A61M 5/42 5A61M 5/48  
[25] EN  
[54] MEDICAMENT INJECTORS AND  
METHODS  
[54] INJECTEURS DE MEDICAMENTS  
ET METHODES  
[72] WACKS, JONATHAN L., US  
[73] SENETEK PLC, US  
[85] 1994-06-03  
[86] 1993-09-30 (PCT/US1993/009376)  
[87] (WO1994/007553)  
[30] US (956,952) 1992-10-05

---

[11] **2,126,714**  
[13] C

[51] Int.Cl. 5A01N 43/84 5A01N 43/36  
5A01N 43/40 5A01N 43/54  
[25] EN  
[54] MICROBICIDES  
[54] MICROBICIDES  
[72] ZEUN, RONALD, DE  
[72] KNAUF-BEITER, GERTRUDE, DE  
[72] KUNG, RUTH B., CH  
[73] SYNGENTA PARTICIPATIONS AG, CH  
[22] 1994-06-24  
[30] CH (1920/93-9) 1993-06-28  
[30] CH (2154/93-0) 1993-07-16  
[30] CH (1306/94-9) 1994-04-27

---

[11] **2,127,740**  
[13] C

[51] Int.Cl. 5C01B 25/32 5A61K 47/02  
[25] EN  
[54] CALCIUM HYDROGEN  
PHOSPHATE, A METHOD FOR  
PREPARING IT, AND AN EXCIPIENT  
UTILIZING IT  
[54] PHOSPHATE CALCIQUE,  
METHODE POUR SA PREPARATION  
ET EXCIPIENT L'UTILISANT  
[72] TAKADO, KANEMASA, JP  
[72] MURAKAMI, TATSUO, JP  
[73] FUJI CHEMICAL INDUSTRY CO., LTD., JP  
[22] 1994-07-11  
[30] JP (254741/93) 1993-09-17

---

[11] **2,127,751**  
[13] C

[51] Int.Cl. 5B32B 13/08 5B28B 19/00  
5B28B 17/02  
[25] EN  
[54] A METHOD OF  
MANUFACTURING MULTILAYER  
PLASTERBOARD AND APPARATUS  
THEREFOR  
[54] METHODE POUR L'OBENTION  
DE PLACOPLATRE; LE DISPOSITIF  
CORRESPONDANT  
[72] AINSLEY, JOHN, GB  
[72] BRADSHAW, JOHN JAMES, GB  
[72] WARD, ARTHUR GEORGE TERRY, GB  
[73] BPB INDUSTRIES PUBLIC LIMITED  
COMPANY, GB  
[22] 1994-07-11  
[30] GB (93 14399.8) 1993-07-12

---

[11] **2,129,248**  
[13] C

[51] Int.Cl. 5B01J 29/00 5C07C 15/08  
5C07C 2/12 5C07C 6/12 5C07C 45/54  
5C07C 2/66 5C07C 49/825 5C07C 2/86  
[25] EN  
[54] SHAPE SELECTIVE CONVERSION  
CATALYST  
[54] CONVERTISSEUR CATALYTIQUE  
A TAMIS MOLECULAIRE  
[72] CHANG, CLARENCE DAYTON, US  
[72] RODEWALD, PAUL GERHARD, JR., US  
[73] MOBIL OIL CORPORATION, US  
[85] 1994-07-29  
[86] 1993-03-11 (PCT/US1993/002254)  
[87] (WO1993/017788)  
[30] US (850,104) 1992-03-12  
[30] US (850,105) 1992-03-12  
[30] US (939,752) 1992-09-02

---

[11] **2,130,148**  
[13] C

[51] Int.Cl. 5B60R 13/01  
[25] EN  
[54] AUTOMOTIVE FLOOR LINER  
[54] REVETEMENT DE PLANCHER  
D'AUTOMOBILE  
[72] NIEMI, KARL A., US  
[73] PENDA CORPORATION, US  
[22] 1994-08-15  
[30] US (114,097) 1993-08-30

**Brevets canadiens délivrés**  
**1 fevrier 2005**

---

[11] **2,131,779**  
 [13] C

[51] Int.Cl. 5B23B 27/16

[25] EN

[54] CUTTING TOOL

[54] OUTIL DE COUPE

[72] SATRAN, AMIR, IL

[72] MEN, YURI, IL

[73] ISCAR LTD., IL

[22] 1994-09-09

[30] IL (106999) 1993-09-13

---

[11] **2,133,324**  
 [13] C

[51] Int.Cl. 5C07D 413/12 5A61K 9/08  
 5C07D 405/12 5A61K 31/34 5A61K 31/40  
 5A61K 31/445 5A61K 31/535 5C07D 307/  
 80

[25] EN

[54] PARENTERAL SOLUTIONS  
 CONTAINING 3-  
 DIALKYLMAMINOETHOXYBENZOYL-  
 BENZOFURANS  
 [54] SOLUTIONS A BASE DE 3-  
 DIALKYLMAMINOETHOXYBENZOYL-B  
 ENZOFURANES POUR  
 ADMINISTRATION PARENTERALE  
 [72] EHRENPREIS, SEYMOUR, US  
 [72] SOMBERG, JOHN C., US  
 [73] ACADEMIC PHARMACEUTICALS,  
 US  
 [85] 1994-09-29  
 [86] 1993-03-29 (PCT/US1993/002919)  
 [87] (WO1993/019753)  
 [30] US (861,608) 1992-04-01

---

[11] **2,134,258**  
 [13] C

[51] Int.Cl. 5H01K 1/28 5H01J 5/08  
 5C03C 3/085  
 [25] EN  
 [54] ELECTRIC LAMP WITH LEAD  
 FREE GLASS  
 [54] LAMPE ELECTRIQUE MUNIE DE  
 VERRE SANS PLOMB  
 [72] MARLOR, RICHARD C., US  
 [73] OSRAM SYLVANIA INC., US  
 [22] 1994-10-25  
 [30] US (8/144,114) 1993-10-27

---

[11] **2,134,811**  
 [13] C

[51] Int.Cl. 5G09G 3/02 5H04N 7/12  
 [25] EN  
 [54] DMD DISPLAY SYSTEM  
 [54] SYSTEME D'AFFICHAGE A  
 MICROMIROIRS NUMERIQUES  
 [72] SAMPSELL, JEFFREY B., US  
 [73] TEXAS INSTRUMENTS  
 INCORPORATED, US  
 [22] 1994-11-01  
 [30] US (146,385) 1993-11-01

---

[11] **2,134,846**  
 [13] C

[51] Int.Cl. 5B60P 1/34 5B60P 3/06  
 [25] EN  
 [54] GROUND LEVEL LOADING  
 TRAILER  
 [54] REMORQUE A CHARGEMENT AU  
 NIVEAU DU SOL  
 [72] WEBB, JAMES, CA  
 [73] WEBB, JAMES, CA  
 [22] 1994-11-01

---

[11] **2,136,018**  
 [13] C

[51] Int.Cl. 5C11B 3/10  
 [25] EN  
 [54] COMPOSITION AND PROCESS  
 FOR REDUCING CONTAMINANTS IN  
 GLYCERIDE OILS  
 [54] COMPOSITION ET PROCEDE  
 PERMETTANT DE REDUIRE LA  
 TENEUR EN CONTAMINANTS DES  
 HUILES RENFERMANT DES  
 GLYCERIDES  
 [72] CANESSA, CARLOS E., US  
 [72] SEYBOLD, JED C., US  
 [73] PQ HOLDING, INC., US  
 [85] 1994-11-16  
 [86] 1994-03-17 (PCT/US1994/002848)  
 [87] (WO1994/021765)  
 [30] US (08/032,967) 1993-03-18

---

[11] **2,136,282**  
 [13] C

[51] Int.Cl. 5A61B 19/04  
 [25] EN  
 [54] HEALTH-CARE GLOVE  
 [54] GANT POUR SOINS DE SANTE  
 [72] DELEO, DAVID B., US  
 [73] MICROFLEX CORPORATION, US  
 [22] 1994-11-21  
 [30] US (08/157,503) 1993-11-26

---

[11] **2,138,811**  
 [13] C

[51] Int.Cl. 5B21C 25/00 5B21C 25/10  
 [25] EN  
 [54] DIE FOR EXTRUDING ELONGATE  
 ARTICLES HAVING LONGITUDINAL  
 ORIFICES  
 [54] FILIERE SERVANT A EXTRUDER  
 DES ARTICLES ALLONGES  
 PRESENTANT DES ORIFICES  
 LONGITUDINAUX  
 [72] YANO, SADAHIKE, JP  
 [73] YUGEN KAISHA YANO  
 ENGINEERING, JP  
 [22] 1994-12-22  
 [30] JP (5-331385) 1993-12-27

---

[11] **2,138,852**  
 [13] C

[51] Int.Cl. 5G01N 1/04 5G01N 1/08  
 [25] EN  
 [54] SAMPLING DEVICE  
 [54] DISPOSITIF POUR  
 PRELEVEMENT D'ECHANTILLONS  
 [72] BOYDLE, TIMOTHY, AU  
 [72] O'BRIEN, PATRICK, AU  
 [73] BOYDLE, TIMOTHY, AU  
 [73] O'BRIEN, PATRICK, AU  
 [22] 1994-12-22  
 [30] AU (PM3154) 1993-12-24  
 [30] AU (PM6252) 1994-06-16

---

[11] **2,142,583**  
 [13] C

[51] Int.Cl. 6H01Q 21/00  
 [25] EN  
 [54] BASE STATION ANTENNA  
 ARRANGEMENT  
 [54] ANTENNE DE STATION DE BASE  
 [72] BARTON, PAUL, GB  
 [72] SEARLE, JEFFREY GRAHAM, GB  
 [72] CHRYSSTIE, PETER JOHN, GB  
 [72] EDWARDS, KEITH RUSSELL, GB  
 [73] NORTEL NETWORKS LIMITED, CA  
 [22] 1995-02-15  
 [30] GB (9402942.8) 1994-02-16

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,143,672**  
[13] C

[51] Int.Cl. 6G06F 15/16 6G06F 13/00  
6G06F 9/40  
[25] EN  
[54] SYSTEM AND METHOD FOR  
DISTRIBUTED COMPUTATION BASED  
UPON MOVEMENT, EXECUTION AND  
INTERACTION OF PROCESSES IN A  
NETWORK  
[54] SYSTEME ET METHODE DE  
TRAITEMENT REPARTI BASE SUR  
LES TRANSFERTS, LES EXECUTIONS  
ET LES INTERACTIONS DE  
PROCESSEURS DANS UN RESEAU  
[72] WHITE, JAMES E., US  
[72] HELGESON, CHRISTOPHER S., US  
[72] STEEDMAN, DOUGLAS A., US  
[73] GENERAL MAGIC, INC., US  
[85] 1995-03-01  
[86] 1994-07-08 (PCT/US1994/007397)  
[87] (WO1995/002219)  
[30] US (090,521) 1993-07-08

---

[11] **2,147,281**  
[13] C

[51] Int.Cl. 6C11D 7/22 6A61L 25/00  
6C11D 3/37  
[25] EN  
[54] METHOD AND COMPOSITIONS  
FOR REMOVING AN ALGINATE FROM  
A CUTANEOUS SUBSTRATE  
[54] METHODE ET COMPOSITIONS  
POUR ELIMINER UN ALGINATE D'UN  
SUBSTRAT CUTANE  
[72] BRENDEN, RITA A., US  
[72] BURKEY, JENNIFER, US  
[72] KIRCHNER, FREDERICK T., US  
[73] BRISTOL-MYERS SQUIBB  
COMPANY, US  
[85] 1995-04-18  
[86] 1993-10-13 (PCT/US1993/009865)  
[87] (WO1994/009106)  
[30] US (961,003) 1992-10-14

---

[11] **2,148,832**  
[13] C

[51] Int.Cl. 6B66C 13/08  
[25] EN  
[54] A LOAD ORIENTATING DEVICE  
[54] DISPOSITIF D'ORIENTATION  
D'UNE CHARGE  
[72] FIDO, PETER MARK, GB  
[73] FIDO, PETER MARK, GB  
[85] 1995-05-05  
[86] 1993-11-04 (PCT/GB1993/002277)  
[87] (WO1994/011294)  
[30] GB (9223399.8) 1992-11-07

---

[11] **2,148,948**  
[13] C

[51] Int.Cl. 6H01Q 15/04  
[25] EN  
[54] WAVEGUIDE LENS AND METHOD  
FOR MANUFACTURING THE SAME  
[54] LENTILLE DE GUIDE D'ONDES ET  
SA METHODE DE FABRICATION  
[72] PETERSSON, STIG ANDERS, SE  
[73] PETERSSON, STIG ANDERS, SE  
[85] 1995-05-08  
[86] 1993-11-10 (PCT/SE1993/000959)  
[87] (WO1994/011920)  
[30] SE (9203352-1) 1992-11-10

---

[11] **2,149,183**  
[13] C

[51] Int.Cl. 6F16K 1/32  
[25] EN  
[54] CONTROLLER  
[54] REGULATEUR  
[72] ITOI, SHIGERU, JP  
[72] KOJIMA, TETSUYA, JP  
[73] FUJIKIN INCORPORATED, JP  
[22] 1995-05-11  
[30] JP (7-52756) 1995-03-13

---

[11] **2,149,235**  
[13] C

[51] Int.Cl. 6D21B 1/08 6B07B 9/00 6B01F  
17/00 6D21C 5/02 6D21B 1/32  
[25] EN  
[54] DEINKING OF PRINTED PAPER  
BY AGGLOMERATION PROCESS  
[54] DESENCRAPE DE PAPIER  
IMPRIME, PAR PROCEDE  
D'AGGLOMERATION  
[72] SRIVATSA, NARENDRA R., US  
[72] WESOLOWSKI, RICHARD R., US  
[73] INTERNATIONAL PAPER  
COMPANY, US  
[85] 1995-05-11  
[86] 1993-11-29 (PCT/US1993/011575)  
[87] (WO1994/012718)  
[30] US (07/984,784) 1992-12-03

---

[11] **2,150,068**  
[13] C

[51] Int.Cl. 6A01K 5/02 6G05B 15/00  
6G06F 17/60  
[25] EN  
[54] STALL MANAGER SYSTEM,  
MODULE AND FEEDING DEVICE FOR  
MANAGEMENT OF MEALTIMES AND  
FOOD DISTRIBUTION IN ANIMAL  
STALLS  
[54] SYSTEME DE GESTION  
INFORMATISE DES DISPOSITIFS  
D'ALIMENTATION POUR BOXES  
D'ANIMAUX  
[72] BEAUDOIN, GAETAN, CA  
[72] DROUIN, YVES, CA  
[72] MARTINEAU, JOCELYN, CA  
[72] MILETTE, ANDRE, CA  
[73] JYGA CONCEPT INC., CA  
[22] 1995-05-24

---

[11] **2,150,270**  
[13] C

[51] Int.Cl. 6C10G 11/18 6B01D 45/12  
6B01J 8/24  
[25] EN  
[54] HIGH TEMPERATURE HANGING  
SYSTEM FOR FLUID SOLID  
CYCLONE/PLENUM SYSTEMS  
[54] SYSTEME D'ACCROCHAGE A  
HAUTE TEMPERATURE, POUR  
SYSTEMES DE CYCLONES OU DE  
PLENUMS POUR SOLIDES FLUIDES  
[72] SHAW, DONALD FRANCIS, US  
[72] SOCOLOFSKY, JOHN MARK, US  
[73] EXXON RESEARCH AND  
ENGINEERING COMPANY, US  
[22] 1995-05-26  
[30] US (265,165) 1994-06-24

---

[11] **2,150,361**  
[13] C

[51] Int.Cl. 6B26B 1/08  
[25] EN  
[54] SAFETY UTILITY KNIFE  
[54] COUTEAU UNIVERSEL DE  
SURETE  
[72] KEKLAK, RONALD, US  
[72] COUTURE, MICHAEL V., US  
[72] WHITEHOUSE, JOHN C., US  
[73] THE HIDDEN EDGE CO., INC., US  
[85] 1995-05-26  
[86] 1993-11-29 (PCT/US1993/011362)  
[87] (WO1994/012324)  
[30] US (07/983,175) 1992-11-30

Brevets canadiens délivrés  
1 fevrier 2005

---

[11] 2,150,528

[13] C

[51] Int.Cl. 6A61L 2/00 6A45C 11/04  
6A61L 2/18  
[25] EN  
[54] CONTACT LENS PACKAGE HAVING IMPROVED ACCESS FEATURES  
[54] EMBALLAGE DE VERRES DE CONTACT PERMETTANT UN MEILLEUR ACCES  
[72] LOVELL, FRANCIS JOHN, FR  
[73] NOVARTIS AG, CH  
[22] 1995-05-30  
[30] US (08/252,614) 1994-06-01

---

[11] 2,154,969

[13] C

[51] Int.Cl. 6B29C 45/20  
[25] EN  
[54] INJECTION MOLDING NOZZLE WITH RADIAL VANES  
[54] BUSE DE MOULAGE PAR INJECTION AVEC AILETTES RADIALES  
[72] GELLERT, JOBST ULRICH, CA  
[73] GELLERT, JOBST ULRICH, CA  
[22] 1995-07-28

---

[11] 2,156,078

[13] C

[51] Int.Cl. 6C07D 471/04 6A61K 31/435  
[25] EN  
[54] NEW IMIDAZOPYRIDINES  
[54] NOUVELLES IMIDAZOPYRIDINES  
[72] SENN-BILFINGER, JORG, DE  
[72] GRUNDLER, GERHARD, DE  
[72] RAINER, GEORG, DE  
[73] ALTANA PHARMA AG, DE  
[85] 1995-08-14  
[86] 1994-02-07 (PCT/EP1994/000335)  
[87] (WO1994/018199)  
[30] CH (453/93-0) 1993-02-15  
[30] CH (1945/93-3) 1993-06-29

---

[11] 2,157,197

[13] C

[51] Int.Cl. 6C21C 5/56 6C21C 1/00  
[25] EN  
[54] PROCESS FOR THE CONTINUOUS REFINING OF METAL AND A FACILITY FOR CARRYING OUT SAID PROCESS  
[54] PROCEDE ET DISPOSITIF D'AFFINAGE CONTINU DE METAUX  
[72] TSYMBAL, VALENTIN PAVLOVICH, RU  
[72] MOCHALOV, SERGEI PAVLOVICH, RU  
[72] SHAKIROV, KIM MURTAZOVICH, RU  
[72] AIZATULOV, RAFIK SABIROVICH, RU  
[72] KUSTOV, BORIS ALEXANDROVICH, RU  
[72] MIKHEEV, NIKOLAI IVANOVICH, RU  
[72] TOROPOV, ANATOLY IVANOVICH, RU  
[73] AKTSIONERNOE OBSCHESTVO OTKRYTOGO TIPI "ZAPADNO-SIBIRSKY METALLURGICHESKY KOMBINAT", RU  
[85] 1995-08-29  
[86] 1993-12-30 (PCT/RU1993/000325)  
[87] (WO1995/018238)

---

[11] 2,157,558

[13] C

[51] Int.Cl. 6F25D 23/04  
[25] EN  
[54] ADJUSTABLE RETAINER ASSEMBLY FOR A REFRIGERATOR DOOR SHELF  
[54] ENSEMBLE DE RETENUE REGLABLE POUR BALCONNET DE REFRIGERATEUR  
[72] HAENISCH, THOMAS J., US  
[72] HEIMS, DOUGLAS A., US  
[72] JOHNSON, WARREN F., US  
[73] MAYTAG CORPORATION, US  
[22] 1995-09-05  
[30] US (08/361,542) 1994-12-22

---

[11] 2,157,748

[13] C

[51] Int.Cl. 6F16L 59/00  
[25] EN  
[54] HOT GAS LINE FOR GASES CONTAINING HYDROGEN AND CARBON MONOXIDE  
[54] CIRCUIT POUR GAZ A TEMPERATURE ELEVEE, RENFERMANT DE L'HYDROGENE ET DU MONOXYDE DE CARBONE  
[72] ROELL, WERNER, DE  
[73] METALLGESELLSCHAFT AKTIENGESELLSCHAFT, DE  
[22] 1995-09-07  
[30] DE (P 44 31 954.1) 1994-09-08

---

[11] 2,159,207

[13] C

[51] Int.Cl. 6H04R 1/02 6G06F 3/16  
[25] EN  
[54] UNIDIRECTIONAL EAR MICROPHONE WITH MULTIPLE OPENINGS  
[54] MICROPHONE UNIDIRECTIONNEL A OUVERTURES MULTIPLES POUR L'OREILLE  
[72] NORRIS, ELWOOD G., US  
[72] MCCLENDON, CHARLES L., US  
[73] JABRA CORPORATION, US  
[85] 1995-09-26  
[86] 1994-04-01 (PCT/US1994/003574)  
[87] (WO1994/023520)  
[30] US (08/042,246) 1993-04-02

---

[11] 2,160,908

[13] C

[51] Int.Cl. 6C08G 73/10 6G02F 1/133 6G02F 1/1337 6G02F 1/137  
[25] EN  
[54] NEGATIVE BIREFRINGENT POLYIMIDE FILMS  
[54] PELLICULES DE POLYIMIDE A BIREFRINGENCE NEGATIVE  
[72] HARRIS, FRANK W., US  
[72] CHENG, STEPHEN Z.D., US  
[73] UNIVERSITY OF AKRON (THE), US  
[85] 1995-10-18  
[86] 1994-04-21 (PCT/US1994/004445)  
[87] (WO1994/024191)  
[30] US (08/072,137) 1993-06-06  
[30] US (08/051,068) 1993-04-21

**Canadian Patents Issued  
February 1, 2005**

---

**[11] 2,163,228**  
[13] C

[51] Int.Cl. 6A61M 5/32  
[25] EN  
[54] SHIELDED SYRINGE  
[54] SERINGUE AVEC ECRAN  
PROTECTEUR  
[72] WEATHERFORD, CHERYL A., US  
[72] WILHELM, E. CRAIG, US  
[73] SAFETY 1ST, US  
[85] 1995-11-17  
[86] 1993-11-17 (PCT/US1993/011152)  
[87] (WO1994/026335)  
[30] US (063,246) 1993-05-18  
[30] US (140,786) 1993-10-20

---

**[11] 2,166,326**  
[13] C

[51] Int.Cl. 6C07D 403/12 6C07D 401/12  
6C07D 401/14 6C07D 403/14 6C07D 237/  
22 6A61K 31/495  
[25] EN  
[54] PYRIDAZINONE DERIVATIVES  
[54] DERIVES DE LA PYRIDAZINONE  
[72] TANIKAWA, KEIZO, JP  
[72] SAITO, AKIRA, JP  
[72] HIROTSUKA, MITSUAKI, JP  
[72] SHIKADA, KEN-ICHI, JP  
[73] NISSAN CHEMICAL INDUSTRIES,  
LTD., JP  
[85] 1995-12-28  
[86] 1994-06-24 (PCT/JP1994/001015)  
[87] (WO1995/001343)  
[30] JP (5-159194) 1993-06-29  
[30] JP (6-112721) 1994-05-26

---

**[11] 2,166,407**  
[13] C

[51] Int.Cl. 6C22B 3/44 6C22B 1/00 6C01B  
9/08 6C01F 7/50  
[25] EN  
[54] METHOD OF EXTRACTING  
FLUORINE FROM MINERALS OR  
MINERAL SPECIES  
[54] PROCEDE POUR L'EXTRACTION  
DE FLUOR DE MINERAUX OU  
D'ESPECES MINERALES  
[72] JOMOTO, KIMITAKA, US  
[72] HUGHES, TERENCE CHARLES, AU  
[73] BROKEN HILL PROPRIETARY  
COMPANY LIMITED (THE), AU  
[85] 1995-12-29  
[86] 1994-07-04 (PCT/AU1994/000374)  
[87] (WO1995/001460)  
[30] AU (PL 9745) 1993-07-02

---

**[11] 2,166,562**  
[13] C

[51] Int.Cl. 6G05D 21/02 6G05B 11/01  
6C01B 11/02 6G05B 13/02  
[25] EN  
[54] AUTOMATED METHOD FOR  
CONTROLLING THE RATE OF  
CHLORINE DIOXIDE GENERATION  
[54] METHODE AUTOMATISEE POUR  
LA REGULATION DU TAUX DE  
PRODUCTION DE DIOXYDE DE  
CHLORE  
[72] JENSON, DALE A., US  
[72] ELTOMI, SAM F., US  
[73] ASHLAND INC., US  
[22] 1994-07-05  
[30] US (091,842) 1993-07-14

---

**[11] 2,167,528**  
[13] C

[51] Int.Cl. 6A61L 2/08 6A61L 2/18  
[25] EN  
[54] METHOD FOR STERILIZING  
PRODUCTS  
[54] METHODE DE STERILISATION  
DE PRODUITS  
[72] KENT, RANDALL S., US  
[73] CLEARANT, INC., US  
[85] 1996-01-17  
[86] 1994-07-22 (PCT/CA1994/000401)  
[87] (WO1995/003071)  
[30] US (08/095,698) 1993-07-22

---

**[11] 2,168,024**  
[13] C

[51] Int.Cl. 6G02B 6/30 6G02B 6/36  
[25] EN  
[54] POLYMER MICROSTRUCTURES  
WHICH FACILITATE FIBER OPTIC TO  
WAVEGUIDE COUPLING  
[54] MICROSTRUCTURES  
POLYMERIQUES FACILITANT LE  
COUPLAGE DE FIBRES OPTIQUES ET  
DE GUIDES DE LUMIERE  
[72] MCFARLAND, MICHAEL JAMES, US  
[72] BEESON, KARL WAYNE, US  
[73] CORNING INCORPORATED, US  
[85] 1996-01-24  
[86] 1994-08-10 (PCT/US1994/009050)  
[87] (WO1995/006270)  
[30] US (08/111,254) 1993-08-23

---

**[11] 2,169,133**  
[13] C

[51] Int.Cl. 6A62B 17/00 6A41D 13/00  
[25] EN  
[54] FIREFIGHTER GARMENT WITH  
COMBINATION FACECLOTH AND  
MOISTURE BARRIER  
[54] VETEMENT POUR POMPIER  
AVEC ELEMENT FACIAL SERVANT  
AUSSI DE BARRIÈRE A L'HUMIDITE  
[72] ALDRIDGE, DONALD, US  
[73] LION APPAREL, INC., US  
[22] 1996-02-08  
[30] US (08/433,081) 1995-05-03

---

**[11] 2,167,509**  
[13] C

[51] Int.Cl. 6A61M 15/06  
[25] EN  
[54] POWDER INHALER  
[54] INHALATEUR A POUDRE  
[72] HORLIN, ERNST, SE  
[73] AVENTIS PHARMA LIMITED, GB  
[85] 1996-01-17  
[86] 1994-07-25 (PCT/SE1994/000704)  
[87] (WO1995/003846)  
[30] SE (9302550-0) 1993-07-30

**Brevets canadiens délivrés  
1 fevrier 2005**

---

**[11] 2,170,597**  
[13] C

[51] Int.Cl. 6E21B 25/00 6E21B 49/02  
[25] EN  
[54] CORING ASSEMBLY AND METHOD  
[54] METHODE ET DISPOSITIF DE CAROTTAGE  
[72] ORMSBY, RONALD D., US  
[73] HALLIBURTON ENERGY SERVICES, INC., US  
[85] 1996-02-28  
[86] 1994-08-31 (PCT/US1994/009976)  
[87] (WO1995/006798)  
[30] US (114,534) 1993-08-31

**[11] 2,171,520**  
[13] C

[51] Int.Cl. 6G01N 27/403 6G01N 27/26  
[25] EN  
[54] ELECTROCHEMICAL SENSOR AND PROCESS FOR ASSESSING HYDROGEN PERMEATION  
[54] CAPTEUR ELECTROCHIMIQUE ET PROCEDE DE MESURE DE LA PERMEABILITE A L'HYDROGENE  
[72] JAMBO, HERMANO CEZAR MEDABER, BR  
[72] GOMES, JOSE ANTONIO DA CUNHA PONCIANO, BR  
[73] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR  
[22] 1996-03-11  
[30] BR (PI 9501061-0) 1995-03-14

**[11] 2,171,612**  
[13] C

[51] Int.Cl. 6C09K 15/02 6C09K 15/04 6A23L 3/34 6A23L 2/40  
[25] EN  
[54] ANTIOXIDANT-CONTAINING EFFERVESCENT COMPOSITION  
[54] AGENT GONFLANT CONTENANT UN ANTIOXYDANT  
[72] TAKAICHI, AKIHISA, JP  
[72] OKAMOTO, TOSHIHIKO, JP  
[72] MATSUMOTO, TOSHIAKI, JP  
[73] OTSUKA PHARMACEUTICAL CO., LTD., JP  
[85] 1996-03-12  
[86] 1995-07-12 (PCT/JP1995/001380)  
[87] (WO1996/002609)  
[30] JP (6/163787) 1994-07-15

**[11] 2,173,248**  
[13] C

[51] Int.Cl. 6G02B 27/01  
[25] EN  
[54] HEAD MOUNTED DISPLAY SYSTEM WITH ASPHERIC OPTICS  
[54] SYSTEME D'AFFICHAGE A OPTIQUE ASPHERIQUE DU TYPE LUNETTES  
[72] HEACOCK, GREGORY LEE, US  
[73] VIRTUAL VISION, INC., US  
[85] 1996-04-01  
[86] 1994-09-23 (PCT/US1994/010823)  
[87] (WO1995/010061)  
[30] US (08/133,521) 1993-10-07  
[30] US (08/155,429) 1993-11-19

**[11] 2,175,658**  
[13] C

[51] Int.Cl. 6G07F 11/58  
[25] EN  
[54] AUTOMATIC BEVERAGE TERMINAL  
[54] TERMINAL AUTOMATIQUE DE BOISSONS  
[72] HEUMANN, CORDULA, DE  
[72] HEUMANN, FRIEDRICH, DE  
[73] HEUMANN, CORDULA, DE  
[73] HEUMANN, FRIEDRICH, DE  
[85] 1996-05-02  
[86] 1995-09-01 (PCT/EP1995/003449)  
[87] (WO1996/007993)  
[30] DE (P 44 31 870.7) 1994-09-07

**[11] 2,174,398**  
[13] C

[51] Int.Cl. 6G02C 7/06  
[25] EN  
[54] PROGRESSIVE MULTIFOCAL OPHTHALMIC LENS  
[54] LENTILLE OPHTALMIQUE A FOYERS PROGRESSIFS MULTIPLES  
[72] AHSBAHS, FRANCOISE, FR  
[72] BAUDART, THIERRY, FR  
[72] LE SAUX, GILLES, FR  
[73] ESSILOR INTERNATIONAL, FR  
[22] 1996-04-17  
[30] FR (95 04 800) 1995-04-21

**[11] 2,177,594**  
[13] C

[51] Int.Cl. 6C08F 220/10 6C08G 81/02 6C09D 133/06 6C09D 133/14 6C08F 220/32 6B05D 1/36  
[25] EN  
[54] PROCESS FOR THE PREPARATION OF WATER-DILUTABLE COATING BINDERS BASED ON ACRYLATE COPOLYMERS, AND THEIR USE  
[54] PROCEDE DE PREPARATION DE LIANTS DILUABLES DANS L'EAU A BASE DE COPOLYMERES D'ACRYLATE POUR LAQUES, ET LEUR UTILISATION  
[72] WILFINGER, WERNER, AT  
[72] KRIESSMANN, INGO, AT  
[72] GOSSAK, KURT, AT  
[73] SOLUTIA AUSTRIA GMBH, AT  
[85] 1996-05-28  
[86] 1994-12-22 (PCT/AT1994/000203)  
[87] (WO1995/017450)  
[30] AT (A 2606/93) 1993-12-23  
[30] AT (A 1376/94) 1994-07-13

**[11] 2,175,510**  
[13] C

[51] Int.Cl. 6H02K 1/06 6B25B 27/00 6H02K 15/02 6B23P 19/04  
[25] EN  
[54] MAGNETO ELECTRIC GENERATOR ROTOR AND AN IMPLEMENT FOR REMOVING THIS ROTOR  
[54] ROTOR DE GENERATEUR ELECTROMAGNETIQUE ET ACCESSOIRE POUR ENLEVER LEDIT ROTOR  
[72] IWATA, MASAO, JP  
[72] KITAMURA, YOSHIKI, JP  
[72] KAWAI, NORIO, JP  
[73] OPPAMA INDUSTRY CO., LTD., JP  
[22] 1996-05-01  
[30] JP (132689/1995) 1995-05-02  
[30] JP (132690/1995) 1995-05-02  
[30] JP (192487/1995) 1995-07-05  
[30] JP (206455/1995) 1995-07-20  
[30] JP (210977/1995) 1995-07-27

**Canadian Patents Issued  
February 1, 2005**

---

**[11] 2,180,937**  
[13] C

[51] Int.Cl. 6G08G 1/0969  
[25] EN  
[54] MAP DISPLAY APPARATUS FOR MOTOR VEHICLE  
[54] DISPOSITIF D'AFFICHAGE CARTOGRAPHIQUE POUR VEHICULES  
[72] KOYANAGI, TAKUO, JP  
[73] XANAVI INFORMATICS CORPORATION, JP  
[85] 1996-07-10  
[86] 1995-11-13 (PCT/JP1995/002308)  
[87] (WO1996/015516)  
[30] JP (6-278910) 1994-11-14  
[30] JP (6-307595) 1994-12-12  
[30] JP (6-307596) 1994-12-12  
[30] JP (6-307594) 1994-12-12

---

**[11] 2,182,024**  
[13] C

[51] Int.Cl. 6A61K 38/13 6A61K 31/22  
6A61K 31/415 6A61K 31/43 6A61K 31/495  
6A61K 31/54 6A61K 31/56  
[25] FR  
[54] PROCEDE DE PREPARATION DE FORMES PHARMACEUTIQUES SECHES ET LES COMPOSITIONS PHARMACEUTIQUES AINSI REALISEES  
[54] METHOD FOR PREPARING DRY PHARMACEUTICAL FORMS, AND RESULTING PHARMACEUTICAL COMPOSITIONS  
[72] DUCLOS, ROSELYNE, FR  
[72] TERRACOL, DIDIER, FR  
[73] LABORATOIRES EFFIK, FR  
[85] 1996-07-24  
[86] 1995-07-27 (PCT/FR1995/001009)  
[87] (WO1997/004749)

---

**[11] 2,183,976**  
[13] C

[51] Int.Cl. 7C07D 413/06 6C07D 413/02  
[25] EN  
[54] PROCESS FOR MAKING AN EPOXIDE  
[54] PROCEDE DE FABRICATION D'UN EPOXYDE  
[72] ASKIN, DAVID, US  
[72] ENG, KAN K., US  
[72] MALIGRES, PETER E., US  
[72] REIDER, PAUL J., US  
[72] ROSSEN, KAI, US  
[72] VOLANTE, RALPH P., US  
[72] UPADHYAY, VEENA, US  
[73] MERCK & CO., INC., US  
[85] 1996-08-22  
[86] 1995-02-27 (PCT/US1995/002347)  
[87] (WO1995/023797)  
[30] US (206,074) 1994-03-04

---

**[11] 2,187,033**  
[13] C

[51] Int.Cl. 6A61F 2/38  
[25] EN  
[54] STABILIZED PROSTHETIC KNEE  
[54] PROTHESE STABILISEE DU GENOU  
[72] DRAGANICH, LOUIS F., US  
[72] POTTERER, LAWRENCE A., US  
[73] ARCH DEVELOPMENT CORPORATION, US  
[85] 1996-10-02  
[86] 1996-02-05 (PCT/US1996/001725)  
[87] (WO1996/024311)  
[30] US (383,871) 1995-02-06

---

**[11] 2,187,964**  
[13] C

[51] Int.Cl. 6A61B 5/055 6G01R 33/483  
[25] EN  
[54] SLIDING INTERLEAVED MOTSA FOR MAGNETIC RESONANCE IMAGING  
[54] SAISIE DE MULTIPLICITES DE COUCHES MINCES GLISSANTES CHEVAUCHEES ET ENTRELACEES POUR L'IMAGERIE A RESONANCE MAGNETIQUE  
[72] LIU, KECHENG, CA  
[72] RUTT, BRIAN K., CA  
[73] LONDON HEALTH SCIENCES CENTRE, CA  
[22] 1996-10-16

---

**[11] 2,188,037**  
[13] C

[51] Int.Cl. 6H01S 3/22 6H01S 3/223  
[25] EN  
[54] CARTRIDGE EXCIMER LASER SYSTEM  
[54] SYSTEME LASER EXCIMERE A CARTOUCHE  
[72] FREY, RUDOLPH W., US  
[72] BOLEN, PHILIP D., US  
[73] ALCON REFRACTIVE HORIZONS, INC., US  
[85] 1996-10-16  
[86] 1995-04-18 (PCT/US1995/004831)  
[87] (WO1995/029523)  
[30] US (08/232,754) 1994-04-25

---

**[11] 2,190,047**  
[13] C

[51] Int.Cl. 6F16D 1/04 6A01G 25/09  
[25] EN  
[54] UNIVERSAL COUPLER  
[54] ACCOUPLEMENT CARDAN  
[72] BETTENHAUSEN, ROGER V., US  
[73] BETTENHAUSEN, ROGER V., US  
[22] 1996-11-12  
[30] US (08/556,331) 1995-11-13

---

**[11] 2,190,229**  
[13] C

[51] Int.Cl. 6H01M 10/36  
[25] EN  
[54] NONAQUEOUS-ELECTROLYTE SECONDARY BATTERY  
[54] ACCUMULATEUR ELECTRIQUE A ELECTROLYTE NON AQUEUX  
[72] OMARU, ATSUO, JP  
[72] YAMAGUCHI, AKIRA, JP  
[72] NAGAMINE, MASAYUKI, JP  
[73] SONY CORPORATION, JP  
[22] 1996-11-13  
[30] JP (P07-297046) 1995-11-15  
[30] JP (P08-003296) 1996-01-11  
[30] JP (P07-324820) 1995-12-13

Brevets canadiens délivrés  
1 fevrier 2005

---

[11] 2,191,299  
[13] C

[51] Int.Cl. 6B65D 23/10 6B65D 1/02  
[25] EN  
[54] BOTTLE HAVING A HANDLE  
FORMED BY STRETCH BLOW  
MOLDING  
[54] BOUTEILLE AVEC POIGNEE  
FORMEE SELON UN PROCEDE DE  
MOULAGE PAR ETIRAGE  
[72] TAKEUCHI, SETSUYUKI, JP  
[72] IBE, NOBUKUNI, JP  
[73] A. K. TECHNICAL LABORATORY,  
INC., JP  
[22] 1996-11-26  
[30] JP (7-329415) 1995-11-27

---

[11] 2,193,770  
[13] C

[51] Int.Cl. 6A61K 9/00 6A61K 33/44  
[25] EN  
[54] A TOXIN DECONTAMINANT  
FOOD PRODUCT AND METHOD OF  
FORMING SAME  
[54] PRODUIT ALIMENTAIRE  
DECONTAMINANT POUR LES  
TOXINES; PREPARATION  
[72] STANG, MICHAEL A., US  
[72] ZEAK, JEFFREY A., US  
[72] STROUTS, BRIAN L., US  
[73] DE NOVO, INC., US  
[22] 1996-12-23  
[30] US (08/692,239) 1996-08-07

---

[11] 2,193,774  
[13] C

[51] Int.Cl. 6C07D 495/04  
[25] EN  
[54] PROCESS FOR PRODUCING 1-  
HYDROXYTHIENOIMIDAZOLE  
CARBOXYLIC ACID AND  
THIENOIMIDAZOLE CARBOXYLIC  
ACID  
[54] PROCEDE DE PRODUCTION DE  
L'ACIDE 1-  
HYDROXYTHIENOIMIDAZOLE-  
CARBOXYLIQUE ET DE L'ACIDE  
THIENOIMIDAZOLE-  
CARBOXYLIQUE  
[72] HIRATA, NORIHIKO, JP  
[72] MIYAMOTO, YASUNOBU, JP  
[72] MIZUNO, MASAHICO, JP  
[72] TAKAHASHI, TOSHIYA, JP  
[73] SUMITOMO CHEMICAL COMPANY,  
LIMITED, JP  
[22] 1996-12-23  
[30] JP (07/338632) 1995-12-26  
[30] JP (07-338636) 1995-12-26

---

[11] 2,194,827  
[13] C

[51] Int.Cl. 6E04C 2/22 6B29C 43/18  
[25] EN  
[54] RUBBER BUILDING PANEL AND  
METHOD OF MANUFACTURING  
SAME  
[54] PANNEAU DE CONSTRUCTION  
EN CAOUTCHOUC ET METHODE  
POUR LE FABRIQUER  
[72] CIAO, ANGELO, US  
[73] CIAO, ANGELO, US  
[22] 1997-01-10  
[30] US (08/584,311) 1996-01-11

---

[11] 2,195,521  
[13] C

[51] Int.Cl. 6H04Q 7/34 6H04Q 7/30  
[25] EN  
[54] ANTENNA AND FEEDER CABLE  
TESTER  
[54] APPAREIL POUR TESTER LES  
ANTENNES ET LES CABLES  
D'ALIMENTATION  
[72] VICTORIN, JOHN AXEL, SE  
[73] TELEFONAKTIEBOLAGET LM  
ERICSSON, SE  
[85] 1997-01-20  
[86] 1995-06-30 (PCT/SE1995/000812)  
[87] (WO1996/003844)  
[30] US (08/280,654) 1994-07-26

---

[11] 2,196,205  
[13] C

[51] Int.Cl. 6A23L 1/32 6A23D 9/02  
6C11C 3/04 6C07F 9/10 6A23K 1/16  
6A23C 9/20 6A23L 1/30 6C07C 69/587  
[25] EN  
[54] DOMESTIC FOWL EGGS HAVING  
A HIGH CONTENT OF HIGHLY  
UNSATURATED FATTY ACID, THEIR  
PRODUCTION PROCESS AND THEIR  
USE  
[54] OEUFS DE VOLAILLE A TENEUR  
ELEVEE EN ACIDES GRAS  
HAUTEMENT INSATURÉS A  
LONGUES CHAINES, LEUR PROCEDE  
DE FABRICATION ET LEUR  
UTILISATION

[72] AKIMOTO, KENGO, JP  
[72] ISHIHARA, TAKAFUMI, JP  
[72] KANADA, TERUYUKI, JP  
[72] TANAKA, YOSHIHARU, JP  
[72] HIGASHIYAMA, KENICHI, JP  
[72] ARAI, MOTOHARU, JP  
[73] SUNTORY LIMITED, JP  
[85] 1997-01-28  
[86] 1996-05-29 (PCT/JP1996/001453)  
[87] (WO1996/038051)  
[30] JP (7-131510) 1995-05-30  
[30] JP (7-244630) 1995-09-22  
[30] JP (7-243285) 1995-09-21  
[30] JP (7-136697) 1995-06-02

---

[11] 2,197,141  
[13] C

[51] Int.Cl. 6B27N 3/20 6B32B 21/02  
[25] EN  
[54] HIGH LEVEL LOADING OF  
BORATE INTO LIGNOCELLULOSIC-  
BASED COMPOSITES  
[54] COMPOSITIONS  
LIGNOCELLULOSIQUES A FORTE  
CHARGE EN BORATE  
[72] SEAN, SY TREK, CA  
[73] FORINTEK CANADA CORP., CA  
[22] 1997-02-10  
[30] US (08/620,935) 1996-03-22

**Canadian Patents Issued**  
**February 1, 2005**

---

[11] **2,197,533**  
[13] C

[51] Int.Cl. 6E06B 3/78 6B29C 44/12  
[25] EN  
[54] INSULATED PLASTIC MOLDED DOOR WITH INTEGRAL HINGE  
[54] PORTE ISOLEE EN MATIERE PLASTIQUE, MOULEE PAR INJECTION, AVEC CHARNIERE INTEGREE  
[72] JOHNSON, CARL, US  
[72] CLOYD, MICHAEL, US  
[72] MCCORMICK, THOMAS, US  
[73] CHASE/DURUS INDUSTRIES, US  
[22] 1997-02-13  
[30] US (08/601,369) 1996-02-14

---

[11] **2,198,992**  
[13] C

[51] Int.Cl. 6D06N 3/08  
[25] EN  
[54] SURFACE COVERING HAVING A PRECOATED, E-BEAM CURED WEARLAYER COATED FILM AND PROCESS OF MAKING THE SAME  
[54] REVETEMENT DE SURFACE POSSESSANT UN FILM PRE-ENDUIT SOUDE PAR FAISCEAU ELECTRONIQUE DOTE D'UNE COUCHE D'USURE ET PROCEDE DE FABRICATION DE CE DERNIER  
[72] SIGEL, GARY A., US  
[72] ESHBACH, JOHN R., JR., US  
[72] BAGLEY, GEORGE E., US  
[72] APPLEYARD, F. JOSEPH, US  
[73] AWI LICENSING COMPANY, US  
[22] 1997-03-03  
[30] US (08/610,364) 1996-03-04

---

[11] **2,199,320**  
[13] C

[51] Int.Cl. 6F16J 15/32  
[25] EN  
[54] SEAL WITH EMBEDDED GARTER SPRING  
[54] JOINT ETANCHE AVEC RESSORT EXPANDEUR INTEGRE  
[72] NOTTER, DAVID A., US  
[73] SKF USA INC., US  
[22] 1997-03-06  
[30] US (08/613,159) 1996-03-08

---

[11] **2,201,564**  
[13] C

[51] Int.Cl. 6H04B 10/16 6H04J 14/02  
**6H04B 10/18**  
[25] EN  
[54] OPTICAL REPEATERS FOR SINGLE- AND MULTI-WAVELENGTH OPERATION WITH DISPERSION EQUALIZATION  
[54] REPETEURS OPTIQUES A EGALISATION DE LA DISPERSION POUR OPERATIONS A LONGUEUR D'ONDE UNIQUE OU A PLUSIEURS LONGUEURS D'ONDES  
[72] CVIJETIC, MILORAD, CA  
[72] BURBIDGE, DOUGLAS S., CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1997-04-02  
[30] US (08/655,399) 1996-05-30

---

[11] **2,203,535**  
[13] C

[51] Int.Cl. 6C01B 33/36  
[25] EN  
[54] ALUMINOSILICATE CATION EXCHANGE COMPOUNDS  
[54] COMPOSES D'ALUMINOSILICATE A CAPACITE D'ECHANGE CATIONIQUE  
[72] WITHERS, RAYMOND LESLIE, AU  
[72] THOMPSON, JOHN GERARD, AU  
[72] PALETHORPE, STEPHEN RONALD, AU  
[72] KOUN, SASHA, AU  
[73] THE AUSTRALIAN NATIONAL UNIVERSITY, AU  
[85] 1997-04-23  
[86] 1995-05-30 (PCT/AU1995/000320)  
[87] (WO1996/012674)  
[30] AU (PM 9006) 1994-10-25  
[30] AU (PN 0118) 1994-12-16

---

[11] **2,204,051**  
[13] C

[51] Int.Cl. 6C08F 8/20 6C08F 210/12  
**6C08L 23/28**  
[25] EN  
[54] HALOGENATED BUTYL RUBBERS HAVING A LOW HALOGEN CONTENT  
[54] CAOUTCHOUCS BUTYLE HALOGENES A FAIBLE TENEUR EN HALOGENES  
[72] KELBCH, STEFAN, DE  
[72] SUMNER, ANTHONY, DE  
[72] VERBIEST, ALBERT, BE  
[73] BAYER AKTIENGESELLSCHAFT, DE  
[22] 1997-04-30  
[30] DE (19631731.2) 1996-08-06

---

[11] **2,204,228**  
[13] C

[51] Int.Cl. 6H04N 7/50  
[25] EN  
[54] NOISE REDUCER  
[54] REDUCTEUR DE BRUIT  
[72] ARAI, NAOHISA, JP  
[72] OHTA, MASASHI, JP  
[72] HAMADA, TOSHIMICHI, JP  
[73] SONY CORPORATION, JP  
[22] 1997-05-01  
[30] JP (P08-143557) 1996-05-14

---

[11] **2,206,263**  
[13] C

[51] Int.Cl. 6C08F 36/04 6C08F 236/04  
**6C08F 236/10 6C08F 2/38**  
[25] EN  
[54] ANIONIC COPOLYMERIZATION OF CONJUGATED DIENES AND VINYL ARENES IN THE PRESENCE OF ALKYL ETHERS OF TETRAHYDROPYRANYL METHANOL  
[54] COPOLYMERISATION ANIONIQUE DE DIENES CONJUGUES ET DE VINYLARENES EN PRESENCE D'ETHERS-OXYDES ALKYLIQUES DE TETRAHYDROPYRANEMETHANOL  
[72] VIOLA, GIAN TOMMASO, IT  
[72] TROMBINI, CLAUDIO, IT  
[72] MUSIANI, LORENZO, IT  
[73] ENICHEM S.P.A., IT  
[22] 1997-05-13  
[30] IT (MI97/A 000171) 1997-01-30

---

[11] **2,208,641**  
[13] C

[51] Int.Cl. 6C10M 105/04 6C10M 107/10  
[25] EN  
[54] BIODEGRADABLE POLYALPHAOLEFIN FLUIDS AND FORMULATIONS CONTAINING THE FLUIDS  
[54] LIQUIDES BIODEGRADABLES CONSTITUES DE POLYALPHAOLEFINS, ET FORMULATIONS CONTENANT CES LIQUIDES  
[72] BENDA, RAINER, BE  
[72] BULLEN, JOHN V., GB  
[72] PLOMER, ALAN J., BE  
[73] BP CORPORATION NORTH AMERICA INC., US  
[85] 1997-06-24  
[86] 1996-11-13 (PCT/US1996/018169)  
[87] (WO1997/018280)  
[30] GB (9523246.8) 1995-11-14

Brevets canadiens délivrés  
1 fevrier 2005

[11] 2,209,529  
[13] C

[51] Int.Cl. 6D21F 7/10 6D21F 7/08  
[25] EN  
[54] LAMINATED CLOTHING, AS WELL AS METHOD AND BLANK FOR MANUFACTURING THE SAME  
[54] MATERIAU DE MONTAGE STRATIFIE, PROCEDE ET FLANC POUR LA FABRICATION DUDIT MATERIAU  
[72] HORANBURG, DOUGLAS LEE, US  
[72] RYDIN, BJORN, SE  
[73] ALBANY INTERNATIONAL CORP., US  
[85] 1997-07-03  
[86] 1996-11-26 (PCT/SE1996/001536)  
[87] (WO1997/020105)  
[30] SE (9504275-0) 1995-11-30

[11] 2,210,319  
[13] C

[51] Int.Cl. 6A23L 1/238  
[25] EN  
[54] PRODUCTION OF SEASONING  
[54] PRODUCTION D'UN ASSAISONNEMENT  
[72] BAENSCH, JOHANNES, FR  
[72] GAIER, WALTER, CH  
[72] KHOO, HAZEL GEOK NEO, CH  
[72] LIM, BEE GIM, SG  
[72] LAI, HOWE LING, SG  
[73] SOCIETE DES PRODUITS NESTLE S.A., CH  
[22] 1997-07-18  
[30] EP (96202309.9) 1996-08-19

[11] 2,211,580  
[13] C

[51] Int.Cl. 6B42D 15/02 6B42D 5/02  
6B42D 15/08  
[25] EN  
[54] SECURE MAILER/RECEIPT BUSINESS FORM  
[54] FORMULAIRE COMMERCIAL SUR D'EXPEDITION ET DE RECEPTION  
[72] GOLDRING, TONY S., AU  
[73] MOORE WALLACE NORTH AMERICA, INC., US  
[85] 1997-07-28  
[86] 1996-11-15 (PCT/AU1996/000726)  
[87] (WO1997/020700)  
[30] AU (PN 6985) 1995-12-05

[11] 2,214,349  
[13] C

[51] Int.Cl. 6G05G 5/02 6H01H 3/02  
[25] EN  
[54] OPERATION SELECTOR FOR SWITCHGEAR  
[54] SELECTEUR DE COMMANDES POUR APPAREILLAGE DE CONNEXION  
[72] MCGLONE, BUDDY B., US  
[73] S & C ELECTRIC COMPANY, US  
[22] 1997-08-29  
[30] US (08/705,442) 1996-08-29

[11] 2,216,485  
[13] C

[51] Int.Cl. 6F41H 3/00  
[25] EN  
[54] CAMOUFLAGED WATERFOWL HUNTING APPAREL  
[54] VETEMENT CAMOUFLÉ POUR CHASSEUR DE GIBIER D'EAU  
[72] KOEHNTOP, BONNIE, US  
[72] KOEHNTOP, ROGER, US  
[73] KOEHNTOP, BONNIE, US  
[73] KOEHNTOP, ROGER, US  
[22] 1997-09-26  
[30] US (60/027,108) 1996-09-27  
[30] US (08/936,660) 1997-09-24

[11] 2,218,935  
[13] C

[51] Int.Cl. 6C06B 43/00 6C06D 5/00  
[25] EN  
[54] A PROPELLANT COMPOSITION CONTAINING ENERGETIC COPOLYURETHANE  
[54] THERMOPLASTIC ELASTOMER RENFERMANT UN ELASTOMERE THERMOPLASTIQUE ENERGETIQUE A BASE DE COPOLYURETHANE  
[72] AMPLEMAN, GUY, CA  
[72] MELANCON, JEAN-GUY, CA  
[72] BEAUPRE, FRANCE, CA  
[72] NICOLE, CHARLES, CA  
[73] MINISTER OF NATIONAL DEFENCE, CA  
[22] 1997-10-22  
[30] US (60/053,653) 1997-07-24

[11] 2,221,388  
[13] C

[51] Int.Cl. 6A01C 5/06  
[25] EN  
[54] AGRICULTURAL ADJUSTABLE CLOSING TOOL FOR USE WITH A CUTTING IMPLEMENT  
[54] OUTIL DE FERMETURE AGRICOLE AJUSTABLE A UTILISER AVEC UN OUTIL TRANCHANT  
[72] FRIGGSTAD, DOUGLAS W., CA  
[73] CNH CANADA LTD./CNH CANADA LTEE, CA  
[22] 1997-11-18

[11] 2,230,829  
[13] C

[51] Int.Cl. 6D21F 7/00 6D21G 9/00 6B08B 5/02 6D21F 1/32  
[25] EN  
[54] PROCESS AND A DEVICE FOR REDUCING DUST DEPOSITS ON THE DRYING HOOD OF A PAPER MACHINE  
[54] PRECEDE ET DISPOSITIF DE REDUCTION DE LA POUSSIÈRE SUR LA HOTTE DE SECHAGE D'UNE MACHINE A PAPIER  
[72] PROMITZER, WOLFGANG, AT  
[72] BAUBOCK, JORG, AT  
[72] WINKELBAUER, ROBERT, AT  
[73] ANDRITZ AG, AT  
[22] 1998-02-26  
[30] AT (A 442/97) 1997-03-14

[11] 2,231,339  
[13] C

[51] Int.Cl. 6D02J 1/22 6G01N 33/36  
[25] FR  
[54] DISPOSITIF POUR LA FABRICATION D'UN FIL COMPOSITE  
[54] DEVICE FOR MANUFACTURING A COMPOSITE YARN  
[72] RICHARD, DANIEL, FR  
[72] LOUBINOUX, DOMINIQUE, FR  
[73] VETROTEX FRANCE S.A., FR  
[85] 1998-03-03  
[86] 1997-07-03 (PCT/FR1997/001184)  
[87] (WO1998/001751)  
[30] FR (96/08592) 1996-07-10

**Canadian Patents Issued  
February 1, 2005**

---

**[11] 2,231,460**  
[13] C

[51] Int.Cl. 6C11D 3/386  
[25] EN  
[54] AN ANIONIC STABILIZED ENZYME-BASED CLEAN-IN-PLACE SYSTEM  
[54] SYSTEME ENZYMATIQUE STABILISE ET ANIONIQUE POUR NETTOYAGE SUR PLACE PAR CIRCULATION  
[72] ROUILLARD, CAROL A., US  
[73] DIVERSEY IP INTERNATIONAL BV, NL  
[85] 1998-01-05  
[86] 1996-07-22 (PCT/US1996/012052)  
[87] (WO1997/005227)  
[30] US (08/508124) 1995-07-27  
[30] US (08/660,530) 1996-06-07

**[11] 2,232,695**  
[13] C

[51] Int.Cl. 6B41F 9/02  
[25] EN  
[54] INTAGLIO PRINTING PRESS  
[54] PRESSE A IMPRIMER A L'HELIogravure  
[72] SCHAEDE, JOHANNES GEORG, DE  
[73] DE LA RUE GIORI S.A., CH  
[22] 1998-03-19  
[30] CH (856/97) 1997-04-14

**[11] 2,235,822**  
[13] C

[51] Int.Cl. 6H04Q 7/22 6H04Q 7/34  
6H04Q 7/38 6H04L 12/56  
[25] EN  
[54] PACKET SWITCHED RADIO CHANNEL TRAFFIC SUPERVISION  
[54] SURVEILLANCE DU TRAFIC SUR CANAUX RADIO A COMMUTATION PAR PAQUETS  
[72] THORNBURG, CARL MAGNUS, SE  
[72] GRIMLUND, OLLE ERIK, SE  
[72] ANDERSSON, MAGNUS, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1998-04-23  
[86] 1996-10-21 (PCT/SE1996/001344)  
[87] (WO1997/016039)  
[30] US (08/581,475) 1995-10-24

**[11] 2,236,975**  
[13] C

[51] Int.Cl. 6B25B 13/50  
[25] EN  
[54] HYDRAULIC BACKUP TONG  
[54] CLE DE DEVISSAGE  
HYDRAULIQUE  
[72] STUART, RANDOLPH L., US  
[73] ECKEL MANUFACTURING COMPANY, INC., US  
[85] 1998-05-06  
[86] 1996-10-22 (PCT/US1996/016989)  
[87] (WO1997/017171)  
[30] US (08/554,518) 1995-11-07

**[11] 2,237,793**  
[13] C

[51] Int.Cl. 6E04B 1/64 6E04B 5/00 6E04C 5/01 6E04B 2/26  
[25] EN  
[54] INSULATING CONNECTOR RODS USED IN MAKING HIGHLY INSULATED COMPOSITE WALL STRUCTURES  
[54] TIGES DE RACCORDEMENT ISOLANTES UTILISEES POUR LA REALISATION DE STRUCTURES MURALES COMPOSITES HAUTEMENT ISOLEES  
[72] KEITH, DAVID O., US  
[72] HANSEN, DAVID M., US  
[73] H.K. COMPOSITES, INC., US  
[85] 1998-05-15  
[86] 1996-11-13 (PCT/US1996/018242)  
[87] (WO1997/018360)  
[30] US (08/558,734) 1995-11-16

**[11] 2,239,374**  
[13] C

[51] Int.Cl. 6B31D 1/02 6B65B 29/04  
6B65D 81/34  
[25] EN  
[54] TAGGED PACKETS AND THEIR PRODUCTION  
[54] SACHETS PORTANT UNE ETIQUETTE ATTACHEE ET PROCEDE DE PRODUCTION ASSOCIE  
[72] APPELBE, HARVEY WILLIAM FRANCIS, GB  
[72] BAILEY, THOMAS WILLIAM, GB  
[72] GOODWIN, JAMES, GB  
[73] UNILEVER PLC, GB  
[85] 1998-06-03  
[86] 1996-11-20 (PCT/EP1996/005169)  
[87] (WO1997/020686)  
[30] EP (95308797.0) 1995-12-05

**[11] 2,239,964**  
[13] C

[51] Int.Cl. 6C07J 71/00 6A61K 31/58  
[25] EN  
[54] STEROID NITRITE ESTER DERIVATIVES USEFUL AS ANTI-INFLAMMATORY DRUGS  
[54] DERIVES D'ESTERS DE NITRITES STEROIDES, UTILES COMME MEDICAMENTS ANTI-INFLAMMATOIRES  
[72] ZUPEC, MARK E., US  
[72] CURRIE, MARK G., US  
[72] TJOENG, FOE S., US  
[73] G.D. SEARLE & CO., US  
[85] 1998-06-08  
[86] 1996-12-06 (PCT/US1996/019220)  
[87] (WO1997/021724)  
[30] US (08/569,269) 1995-12-08

**[11] 2,240,078**  
[13] C

[51] Int.Cl. 6H01H 33/14  
[25] EN  
[54] ELECTRIC CURRENT SWITCHING APPARATUS WITH ARC SPINNING EXTINGUISHER  
[54] APPAREIL DE CONNEXION DE COURANT ELECTRIQUE AVEC SOUFFLEUR D'ARC EN BOUCLE  
[72] MOLDOVAN, PETER K., US  
[72] MODY, HEMANT K., US  
[72] KRSTIC, SLOBODAN, US  
[72] VANDER MEER, JAMES C., US  
[73] EATON CORPORATION, US  
[22] 1998-07-02  
[30] US (891/970) 1997-07-14

**[11] 2,240,762**  
[13] C

[51] Int.Cl. 6E21B 19/22 6E21B 19/08  
[25] EN  
[54] METHOD AND APPARATUS FOR INJECTION OF TUBING INTO WELLS  
[54] PROCEDE ET APPAREIL D'INTRODUCTION D'UN TUBE DE PRODUCTION DANS UN PUITS  
[72] BODHAINE, JAMES, US  
[72] SHAABAN, KHALED, US  
[72] MCCLANAHAN, WALLY S., US  
[73] VITA INTERNATIONAL, INC., US  
[85] 1998-06-18  
[86] 1997-05-05 (PCT/US1997/007458)  
[87] (WO1997/042394)  
[30] US (08/643,372) 1996-05-06

Brevets canadiens délivrés  
1 fevrier 2005

---

[11] 2,243,112  
[13] C

- [51] Int.Cl. 6F16C 29/02 6B65G 25/04  
[25] EN  
[54] BEARING DEVICE  
[54] DISPOSITIF DE PALIER  
[72] ANDREASSON, SUNE, SE  
[73] TOLLO LINEAR AB, SE  
[85] 1998-07-15  
[86] 1997-01-24 (PCT/SE1997/000113)  
[87] (WO1997/027129)  
[30] SE (9600280-3) 1996-01-26
- 

[11] 2,246,670  
[13] C

- [51] Int.Cl. 6B63B 21/50 6B63B 21/38  
[25] EN  
[54] SYSTEM FOR PRODUCTION OF HYDROCARBONS  
[54] SYSTEME POUR LA PRODUCTION D'HYDROCARBURES  
[72] SYVERTSEN, KARE, NO  
[72] ELLEFSEN, OLAV VAAGE, NO  
[73] DEN NORSKE STATS OLJESELSKAP A.S., NO  
[85] 1998-08-19  
[86] 1996-08-07 (PCT/NO1996/000201)  
[87] (WO1997/030887)  
[30] NO (960698) 1996-02-21
- 

[11] 2,247,810  
[13] C

- [51] Int.Cl. 6A21D 10/02 6A21D 13/00  
6A21D 8/02  
[25] EN  
[54] IMPROVED BAGELS MADE FROM FROZEN BAGEL SHAPES  
[54] BAGELS AMELIORES REALISES A PARTIR DE FORMES DE BAGELS CONGELES  
[72] SAVELLI, RONALD, US  
[73] EINSTEIN/NOAH BAGEL CORP., US  
[85] 1998-08-28  
[86] 1997-03-04 (PCT/US1997/004081)  
[87] (WO1997/033481)  
[30] US (08/613,472) 1996-03-11
- 

[11] 2,248,140  
[13] C

- [51] Int.Cl. 6C07K 16/26 6G01N 33/543  
6G01N 33/577 6G01N 33/74  
[25] EN  
[54] ASSAY AND REAGENTS FOR QUANTIFYING HBNP  
[54] ANALYSES ET REACTIFS PERMETTANT DE QUANTIFIER LE HBNP  
[72] SCARDINA, JAN MARIAN, US  
[72] MISCHAK, RONALD P., US  
[72] LIM, GARRETT A., US  
[73] SCIOS INC., US  
[85] 1998-09-01  
[86] 1997-03-04 (PCT/US1997/003163)  
[87] (WO1997/032900)  
[30] US (08/610,172) 1996-03-04
- 

[11] 2,249,844  
[13] C

- [51] Int.Cl. 6G01S 17/02 6H04M 1/00  
6H04Q 7/32 6H04M 1/60  
[25] EN  
[54] LIGHT GUIDE  
IMPLEMENTATION OF A PROXIMITY DETECTOR  
[54] CONDUITS DE LUMIERE POUR DETECTEUR DE PROXIMITE  
[72] BUSCHMANN, ULRICH, DE  
[72] KOENS, PAUL JOHN, CA  
[72] VAN SCHYNDEL, ANDRE, CA  
[72] WHITEHEAD, LORNE A., CA  
[72] SCOTT, JON DAVID EDWARD, CA  
[73] NORTEL NETWORKS LIMITED, CA  
[22] 1998-10-07  
[30] US (08/956,097) 1997-10-24
- 

[11] 2,251,181  
[13] C

- [51] Int.Cl. 6G01M 1/00 6E04H 12/34  
[25] EN  
[54] METHOD AND DEVICE FOR CHECKING THE SOLIDITY OF ANCHORED STANDING MASTS  
[54] PROCEDE ET DISPOSITIF DE CONTROLE DE LA SOLIDITE DE MATS ANCRES DEBOUT  
[72] ROCH, MATHIAS, DE  
[72] ROCH, OLIVER, DE  
[73] ROCH, MATHIAS, DE  
[73] ROCH, OLIVER, DE  
[85] 1998-10-02  
[86] 1996-12-04 (PCT/DE1996/002319)  
[87] (WO1998/025117)
- 

[11] 2,252,598  
[13] C

- [51] Int.Cl. 6A61B 17/00 6A61B 1/00  
6A61B 1/018  
[25] EN  
[54] SPRING BASED MULTI-PURPOSE MEDICAL INSTRUMENT  
[54] INSTRUMENT MEDICAL POLYVALENT A RESSORT  
[72] ZIMMON, DAVID S., US  
[73] ZKZ SCIENCE CORP., US  
[85] 1998-10-20  
[86] 1997-04-18 (PCT/US1997/006874)  
[87] (WO1997/039674)  
[30] US (08/635,766) 1996-04-22
- 

[11] 2,253,115  
[13] C

- [51] Int.Cl. 6F16K 11/14 6F16K 17/34  
[25] EN  
[54] DIAPHRAGM PRESSURE BALANCING VALVE  
[54] ROBINET D'EQUILIBRAGE DE PRESSION A MEMBRANE  
[72] BREDA, SILVANO, CA  
[73] BREDA, SILVANO, CA  
[22] 1998-11-09
- 

[11] 2,253,199  
[13] C

- [51] Int.Cl. 6A47K 10/42  
[25] EN  
[54] FOLDED SHEET DISPENSER  
[54] DISTRIBUTEUR DE FEUILLES PLIEES  
[72] KING, TIMOTHY JAMES, GB  
[73] KIMBERLY-CLARK LIMITED, GB  
[85] 1998-10-29  
[86] 1997-05-20 (PCT/GB1997/001362)  
[87] (WO1997/043938)  
[30] US (08/650,725) 1996-05-20
- 

[11] 2,253,917  
[13] C

- [51] Int.Cl. 6H02P 3/10 6H02P 3/20  
[25] EN  
[54] METHOD AND DEVICE FOR BRAKING AN ALL-MAINS MOTOR  
[54] PROCEDE ET DISPOSITIF POUR FREINER UN MOTEUR TOUS COURANTS  
[72] ERICSSON, HANS BIRGER, SE  
[73] INDOCEAN DIAMOND TOOLS (BERMUDA) LTD., BM  
[85] 1998-11-09  
[86] 1997-05-09 (PCT/SE1997/000766)  
[87] (WO1997/043821)  
[30] SE (9601805-6) 1996-05-10
-

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,254,177**  
[13] C

[51] Int.Cl. 6A01J 25/12 6A01J 25/15  
[25] EN  
[54] METHOD AND APPARATUS FOR PRODUCING CUT FRESH CURD BLOCKS  
[54] METHODE ET APPAREIL POUR PRODUIRE DES BLOCS COUPES DE CAILLE FRAIS  
[72] RIETVELD, ARNOUT JAN WILLEM, NL  
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[22] 1998-11-17  
[30] NL (1007570) 1997-11-18

[11] **2,254,181**  
[13] C

[51] Int.Cl. 6A01J 25/00  
[25] EN  
[54] METHOD AND APPARATUS FOR PRODUCING PACKED FRESH CURD BLOCKS  
[54] METHODE ET APPAREIL POUR PRODUIRE DES BLOCS EMPAQUETES DE CAILLE FRAIS  
[72] VAN DER MEULEN, WIEGER, NL  
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[22] 1998-11-17  
[30] NL (1007571) 1997-11-18

[11] **2,257,095**  
[13] C

[51] Int.Cl. 6C07D 211/58 6C07D 221/20  
[25] EN  
[54] PROCESS FOR PURIFYING STERICALLY HINDERED 4-AMINO PIPERIDINES  
[54] PROCEDE DE PURIFICATION DE 4-AMINOPIPERIDINES A ENCOMBREMENT STERIQUE  
[72] JULIUS, MANFRED, DE  
[72] WITZEL, TOM, DE  
[72] SIEGEL, HARDO, DE  
[72] SIEGEL, WOLFGANG, DE  
[72] RUST, HARALD, DE  
[72] KRAUSE, ALFRED, DE  
[73] BASF AKTIENGESELLSCHAFT, DE  
[85] 1998-11-30  
[86] 1997-05-30 (PCT/EP1997/002822)  
[87] (WO1997/046529)  
[30] DE (19622269.9) 1996-06-03

[11] **2,257,349**  
[13] C

[51] Int.Cl. 6G01S 5/14  
[25] FR  
[54] RECEPTEUR DE SIGNAUX DE SATELLITES AVEC CONTROLE D'INTEGRITE ET EXCLUSION D'AXES DEFECTUEUX  
[54] SATELLITE SIGNAL RECEIVER WITH INTEGRITY CONTROL AND EXCLUSION OF DEFECTIVE AXES  
[72] ARETHENS, JEAN-PIERRE, FR  
[73] SEXTANT AVIONIQUE, FR  
[85] 1998-12-02  
[86] 1997-06-03 (PCT/FR1997/000967)  
[87] (WO1997/047984)  
[30] FR (96/07073) 1996-06-07

[11] **2,260,809**  
[13] C

[51] Int.Cl. 6E21B 10/12 6E21D 9/10  
6E21B 10/22  
[25] EN  
[54] IMPROVED DISC CUTTER AND EXCAVATION EQUIPMENT  
[54] COUTEAU A DISQUE AMELIORE ET EQUIPEMENT D'EXCAVATION  
[72] OZDEMIR, LEVENT, US  
[72] FRIANT, JAMES E., US  
[73] OZDEMIR, LEVENT, US  
[73] FRIANT, JAMES E., US  
[85] 1999-01-18  
[86] 1997-07-19 (PCT/US1997/012721)  
[87] (WO1998/003765)  
[30] US (08/684,194) 1996-07-19

[11] **2,258,673**  
[13] C

[51] Int.Cl. 6H03K 5/22 6G01R 29/18  
6H04B 1/707  
[25] EN  
[54] LOW POWER PARALLEL CORRELATOR FOR MEASURING CORRELATION BETWEEN DIGITAL SIGNAL SEGMENTS  
[54] CORRELATEUR PARALLELE A FAIBLE PUSSANCE PERMETTANT DE MESURER LA CORRELATION ENTRE DES SEGMENTS DE SIGNAUX NUMERIQUES  
[72] HARRISON, DANIEL DAVID, US  
[72] TIEMANN, JEROME JOHNSON, US  
[73] GENERAL ELECTRIC COMPANY, US  
[85] 1998-12-17  
[86] 1997-07-03 (PCT/US1997/013201)  
[87] (WO1998/002830)  
[30] US (60/021,628) 1996-07-12  
[30] US (08/883,161) 1997-06-26

[11] **2,261,584**  
[13] C

[51] Int.Cl. 6B29C 45/60 6B29B 7/14  
6B29C 45/48  
[25] EN  
[54] SCREW AND APPARATUS FOR PLASTICIZING FIBER-REINFORCED THERMOPLASTIC RESINS, AND METHOD AND PRODUCT OF MOLDING THE RESINS  
[54] VIS ET DISPOSITIF SERVANT A PLASTIFIER DES RESINES THERMOPLASTIQUES RENFORCEES DE FIBRES, PROCEDE ET PRODUIT DE MOULAGE DE CES RESINES  
[72] AMANO, MASANORI, JP  
[72] TAKANO, SHIGERU, JP  
[72] ASANO, YOSHIKAZU, JP  
[72] UEHARA, KENICHI, JP  
[73] HITACHI METALS, LTD., JP  
[85] 1999-01-20  
[86] 1998-05-22 (PCT/JP1998/002265)  
[87] (WO1998/052736)  
[30] JP (9-131919) 1997-05-22  
[30] JP (10-124799) 1998-05-07

[11] **2,259,889**  
[13] C

[51] Int.Cl. 6A61F 5/37  
[25] EN  
[54] SPORTS BRACE  
[54] Gaine de sport  
[72] GODWIN, ANDREW, CA  
[73] GODWIN, ANDREW, CA  
[22] 1999-01-22  
[30] US (60/080,322) 1998-04-01

[11] **2,261,819**  
[13] C

[51] Int.Cl. 6B01D 53/62 6C10L 3/10  
[25] EN  
[54] METHOD FOR REMOVING CARBON DIOXIDE FROM GASES  
[54] PROCEDE POUR ELIMINER LE DIOXYDE DE CARBONE DES GAZ  
[72] DANNSTROM, HENRIK, NO  
[72] FALK-PEDERSEN, OLAV, NO  
[73] KVAERNER ASA, NO  
[85] 1999-01-21  
[86] 1997-07-21 (PCT/NO1997/000190)  
[87] (WO1998/004339)  
[30] NO (963198) 1996-07-31

## Brevets canadiens délivrés

1 fevrier 2005

---

[11] 2,264,841  
[13] C

- [51] Int.Cl. 6F16J 15/447  
[25] EN  
[54] LABYRINTH SEALING DEVICE AND METHOD OF ASSEMBLY  
[54] GARNITURE D'ETANCHEITE A LABYRINTHE ET PROCEDE D'ASSEMBLAGE CORRESPONDANT  
[72] SHARRER, KENNETH J., US  
[73] COLTEC NORTH CAROLINA INC., US  
[85] 1999-03-05  
[86] 1997-10-08 (PCT/US1997/018531)  
[87] (WO1998/015757)  
[30] US (60/028,103) 1996-10-09  
[30] US (08/869,692) 1997-06-05
- 

[11] 2,265,720  
[13] C

- [51] Int.Cl. 6G01S 5/14  
[25] EN  
[54] RECEIVER WITH IMPROVED MULTIPATH SIGNAL REJECTION  
[54] RECEPTEUR A REJET AMELIORE DE SIGNAL SE PROPAGEANT PAR TRAJETS MULTIPLES  
[72] WOO, RICHARD KAI-TUEN, US  
[73] NAVCOM TECHNOLOGY, INC., US  
[85] 1999-03-11  
[86] 1997-09-10 (PCT/US1997/015997)  
[87] (WO1998/011451)  
[30] US (60/026,023) 1996-09-13  
[30] US (08/795,608) 1997-02-05
- 

[11] 2,265,999  
[13] C

- [51] Int.Cl. 6H04L 5/06  
[25] EN  
[54] SIGNAL TRANSFORMATION METHOD AND APPARATUS  
[54] PROCEDE ET APPAREIL DE TRANSFORMATION DE SIGNAUX  
[72] SCHIER, THORSTEN, SE  
[72] SIGNELL, SVANTE, SE  
[73] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-03-16  
[86] 1997-09-19 (PCT/SE1997/001585)  
[87] (WO1998/015083)  
[30] SE (9603602-5) 1996-10-02
- 

---

[11] 2,266,712  
[13] C

- [51] Int.Cl. 6H02K 11/04 6H01L 25/11  
6H02K 19/36  
[25] EN  
[54] LOW RESISTANCE CURRENT TRANSFER DEVICE FOR A CIRCUIT OF A BRUSHLESS EXCITER  
[54] DISPOSITIF DE TRANSFERT A BASSE RESISTANCE POUR CIRCUIT D'EXCITATEUR SANS BALAIS  
[72] ASHLEY, ROBERT ERVIN, III, US  
[72] RASINSKI, MICHAEL JOSEPH, US  
[73] SIEMENS WESTINGHOUSE POWER CORPORATION, US  
[85] 1999-03-23  
[86] 1997-09-11 (PCT/US1997/016068)  
[87] (WO1998/016990)  
[30] US (08/734,377) 1996-10-17
- 

[11] 2,266,791  
[13] C

- [51] Int.Cl. 6B62D 55/065 6B66C 23/26  
6B66C 23/36 6B66C 23/64  
[25] EN  
[54] FOUR TRACK CRAWLER CRANE  
[54] GRUE SUR QUATRE CHENILLES  
[72] PORUBCANSKY, KENNETH J., US  
[72] PLEUSS, ALAN E., US  
[72] PECH, DAVID J., US  
[73] MANITOWOC CRANE GROUP, INC., US  
[22] 1999-03-25  
[30] US (60/079,727) 1998-03-27
- 

[11] 2,267,329  
[13] C

- [51] Int.Cl. 6F16J 15/32  
[25] EN  
[54] IMPROVED SEAL FOR GAS SPRINGS AND THE LIKE  
[54] JOINT PERFECTIONNE POUR RESSORTS A GAZ ET SIMILAIRE  
[72] BOYD, RICHARD M., US  
[72] CHAMBERLIN, JAMES B., US  
[72] BAUMAN, WALTER DOUGLAS, US  
[72] ROACH, JACK R., US  
[72] JEFFRIES, MARK S., US  
[73] AVM, INC., US  
[85] 1999-03-31  
[86] 1997-10-01 (PCT/US1997/018376)  
[87] (WO1998/014725)  
[30] US (08/726,124) 1996-10-04  
[30] US (08/720,954) 1996-10-04  
[30] US (08/730,225) 1996-10-15
- 

---

[11] 2,268,822  
[13] C

- [51] Int.Cl. 6A61L 2/18  
[25] EN  
[54] METHOD FOR PROVIDING RAPID DISINFECTION OF CONTACT LENSES  
[54] PROCEDE DE DECONTAMINATION RAPIDE DES LENTILLES DE CONTACT  
[72] LEVER, O. WILLIAM, JR., US  
[72] LEVER, ANDREA M., US  
[73] BAUSCH & LOMB INCORPORATED, US  
[85] 1999-04-12  
[86] 1997-10-23 (PCT/US1997/019559)  
[87] (WO1998/020913)  
[30] US (60/031,808) 1996-11-13
- 

[11] 2,269,205  
[13] C

- [51] Int.Cl. 6C06D 5/06  
[25] EN  
[54] NONAZIDE GAS GENERANT COMPOSITIONS  
[54] COMPOSITIONS D'AGENT GENERANT UN GAZ NON AZIDE  
[72] BURNS, SEAN P., US  
[72] KHANDHADIA, PARESH S., US  
[73] AUTOMOTIVE SYSTEMS LABORATORY, INC., US  
[85] 1999-04-16  
[86] 1997-11-03 (PCT/US1997/020219)  
[87] (WO1998/022208)  
[30] US (745,949) 1996-11-08
- 

[11] 2,269,743  
[13] C

- [51] Int.Cl. 6D21F 1/34  
[25] EN  
[54] SURFACE-CLEANING DOCTOR FOR USE IN A PAPERMAKING OPERATION AND ASSOCIATED METHOD  
[54] RACLOIR DE NETTOYAGE DE SURFACE POUR UTILISATION DANS LA FABRICATION DU PAPIER ET METHODE CONNEXE  
[72] MARCHEGGIANI, MARCO, US  
[73] VALMET, INC., US  
[22] 1999-04-21
-

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,270,074**  
[13] C

[51] Int.Cl. 6H01B 1/00 6A61B 5/04  
6H01B 1/04 6H01B 1/06 6A61K 9/14  
[25] EN  
[54] ELECTRICALLY CONDUCTIVE ADHESIVE HYDROGELS  
[54] HYDROGELS ADHESIFS ELECTROCONDUCTEURS  
[72] PERRAULT, JAMES J., US  
[73] BALLARD MEDICAL PRODUCTS, US  
[85] 1999-04-27  
[86] 1997-10-28 (PCT/US1997/019572)  
[87] (WO1998/019311)  
[30] US (08/738,651) 1996-10-28

[11] **2,270,166**  
[13] C

[51] Int.Cl. 6C12Q 1/56 6G01N 33/86  
[25] EN  
[54] METHOD FOR DETERMINING THE CATALYTIC ACTIVITY OF FACTOR IXA  
[54] DISPOSITIF POUR DETERMINER L'ACTIVITE CATALYTIQUE DU FACTEUR IXA  
[72] STURZEBECHER, JORG, DE  
[73] ROCHE DIAGNOSTICS GMBH, DE  
[85] 1999-04-30  
[86] 1997-10-15 (PCT/EP1997/005660)  
[87] (WO1998/018957)  
[30] EP (96117470.3) 1996-10-31

[11] **2,270,480**  
[13] C

[51] Int.Cl. 6A41B 13/10  
[25] EN  
[54] DISPOSABLE BIB  
[54] BIBERON JETABLE  
[72] AHR, NICHOLAS ALBERT, US  
[72] LEWIS, ROBERT DRENNAN, US  
[72] LAMPSON, PATRICIA LEE, US  
[72] JACKSON, BEVERLY ANN JULIAN, US  
[72] GUPTA, AMIT, US  
[72] REINHART, RICHARD NICHOLAS, JR., US  
[73] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-04-29  
[86] 1997-10-24 (PCT/US1997/019272)  
[87] (WO1998/018353)  
[30] US (60/030,100) 1996-10-31  
[30] US (60/034,674) 1997-01-10

[11] **2,271,568**  
[13] C

[51] Int.Cl. 6B21D 5/14  
[25] EN  
[54] STEEL SIDING MACHINE  
[54] MACHINE DE FABRICATION DE REVETEMENTS EN ACIER  
[72] POCKRANDT, DON, CA  
[72] MACDONALD, LORNE, CA  
[73] NORTH AMERICAN MACHINE MANUFACTURING LTD., CA  
[22] 1999-05-13  
[30] US (09/116,637) 1998-07-16

[11] **2,274,991**  
[13] C

[51] Int.Cl. 6D06F 17/08  
[25] EN  
[54] INFINITELY VARIABLE WASH ACTION  
[54] CYCLE DE LAVAGE A REGLAGE CONTINU  
[72] BRUNTZ, JORDAN S., US  
[72] ELLINGSON, DAVID I., US  
[73] MAYTAG CORPORATION, US  
[22] 1999-06-15  
[30] US (09/124,606) 1998-07-29

[11] **2,272,109**  
[13] C

[51] Int.Cl. 6A01J 5/08  
[25] EN  
[54] TEATCUP LINER WITH DESIRED MOUTHPIECE CHAMBER VACUUM  
[54] MANCHON-TRAYEUR AVEC VIDE VOULU DANS LES EMBOUTS  
[72] SANFORD, SCOTT A., US  
[73] DEC INTERNATIONAL, INC., US  
[22] 1999-05-17  
[30] US (09/081,151) 1998-05-19

[11] **2,276,426**  
[13] C

[51] Int.Cl. 6E21B 47/12 6G01V 3/00  
[25] EN  
[54] METHOD FOR FORMATION EVALUATION WHILE DRILLING  
[54] PROCEDE D'EVALUATION DE LA FORMATION EN COURS DE FORAGE  
[72] PRAMMER, MANFRED, US  
[73] NUMAR CORPORATION, US  
[85] 1999-06-29  
[86] 1997-12-29 (PCT/US1997/023975)  
[87] (WO1998/029639)  
[30] US (60/033,986) 1996-12-30  
[30] US (08/996,720) 1997-12-23

[11] **2,272,541**  
[13] C

[51] Int.Cl. 6A01G 25/09 6A01C 17/00  
6A01C 19/00 6A01C 23/00 6A01C 3/06  
6A01C 7/06  
[25] EN  
[54] SYNCHRONIZED APPLICATION OF ONE OR MORE MATERIALS TO A SURFACE FROM A VEHICLE  
[54] APPLICATION SYNCHRONISEE D'UN OU PLUSIEURS MATERIAUX SUR UNE SURFACE A PARTIR D'UN VEHICULE  
[72] KALBFLEISCH, CHARLES A., US  
[72] DOHERTY, JOHN A., US  
[73] DOHERTY, JOHN A., US  
[85] 1999-05-20  
[86] 1997-11-18 (PCT/US1997/021144)  
[87] (WO1998/021937)  
[30] US (60/031,036) 1996-11-18  
[30] US (08/879,921) 1997-06-20

[11] **2,276,719**  
[13] C

[51] Int.Cl. 6C07C 235/64 6C07C 311/08  
6C07D 309/08 6C07D 295/155 6C07C 235/16 6A61K 31/16 6C07D 307/24 6A61K 31/34 6A61K 31/35 6A61K 31/40 6C07C 317/44 6A61K 31/445 6A61K 31/535 6C07C 235/56 6C07D 307/68 6C07C 233/80  
[25] EN  
[54] ANILIDE DERIVATIVES AND ANTIARRHYTHMIC AGENTS CONTAINING THE SAME  
[54] DERIVES D'ANILIDE ET AGENTS ANTI-ARYTHMISANTS QUI LES CONTIENNENT  
[72] KAWAI, KOHICHI, JP  
[72] MORI, HARUKI, JP  
[72] MOHRI, JUNICHI, JP  
[72] KAI, AKIYOSHI, JP  
[72] YAMASHITA, HIROYUKI, JP  
[72] SATO, TAKASHI, JP  
[72] OYABE, AKIHIRO, JP  
[72] TOGASHI, KAZUHIKO, JP  
[73] SCHERING AKTIENGESELLSCHAFT, DE  
[22] 1999-06-29  
[30] JP (184957/1998) 1998-06-30

**Brevets canadiens délivrés  
1 fevrier 2005**

---

[11] **2,285,219**  
[13] C

[51] Int.Cl. 6G01N 33/53 6B01D 61/00  
6G01N 33/543  
[25] EN  
[54] DETECTION OF LOW LEVEL ANALYTES IN SAMPLES  
[54] DETECTION D'ANALYTES A FAIBLE NIVEAU DANS DES ECHANTILLONS  
[72] ROSEN, STEVEN M., US  
[72] DI CESARE, JOSEPH L., US  
[73] ROCHE DIAGNOSTIC SYSTEMS, INC., US  
[73] THE PERKIN-ELMER CORPORATION, US  
[85] 1999-09-30  
[86] 1998-04-02 (PCT/US1998/006526)  
[87] (WO1998/044347)  
[30] US (08/831,206) 1997-04-02

---

[11] **2,286,538**  
[13] C

[51] Int.Cl. 6B25J 18/00 6B25J 5/02 6B25J 15/08  
[25] EN  
[54] ROBOT ARM  
[54] BRAS MANIPULATEUR  
[72] SCHINZEL, FRED, CH  
[73] TECAN TRADING AG, CH  
[22] 1999-10-14  
[30] EP (98 119 468.1) 1998-10-15

---

[11] **2,288,289**  
[13] C

[51] Int.Cl. 7H04M 3/487  
[25] EN  
[54] DYNAMIC CONCENTRATION OF ANNOUNCEMENT CIRCUITS  
[54] CONCENTRATION DYNAMIQUE DE CIRCUITS D'ANNONCE  
[72] GOLDMAN, STUART O., US  
[73] AG COMMUNICATION SYSTEMS CORPORATION, US  
[22] 1999-11-01  
[30] US (253,879) 1999-02-22

---

[11] **2,289,417**  
[13] C

[51] Int.Cl. 7B41M 5/00  
[25] EN  
[54] RECORDING MATERIAL  
[54] MATERIAU D'ENREGISTREMENT  
[72] MORIYA, KAZUYOSHI, JP  
[73] TEIKOKU PRINTING INKS MFG. CO., LTD., JP  
[22] 1999-11-12  
[30] JP (11-263396) 1999-09-17  
[30] JP (11-302416) 1999-10-25

---

[11] **2,289,800**  
[13] C

[51] Int.Cl. 7G01B 3/30 7E04F 21/00  
[25] EN  
[54] SIDING LAYOUT TOOL  
[54] OUTIL DE TRACAGE DE BARDAGE  
[72] NIXON, RUSSELL, CA  
[73] NIXON, RUSSELL, CA  
[22] 1999-11-15

---

[11] **2,295,828**  
[13] C

[51] Int.Cl. 7H02B 1/36  
[25] EN  
[54] POWER ELECTRICAL ENCLOSURE  
[54] ENCEINTE POUR ALIMENTATION ELECTRIQUE  
[72] MCCARROL, ALEC, CA  
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 2000-01-07  
[86] 1998-06-18 (PCT/CA1998/000599)  
[87] (WO1999/003179)  
[30] CA (2,210,122) 1997-07-09

---

[11] **2,296,080**  
[13] C

[51] Int.Cl. 7A61K 9/00 7A61K 47/02  
7A61K 9/06 7A61K 45/06 7A61K 47/36  
[25] EN  
[54] OPHTHALMIC COMPOSITIONS CONTAINING GALACTOMANNAN POLYMERS AND BORATE  
[54] COMPOSITIONS OPHTALMOLOGIQUES CONTENANT DES POLYMERES DE GALACTOMANNAN ET DU BORATE  
[72] ASGHARIAN, BAHRAM, US  
[73] ALCON LABORATORIES, INC., US  
[85] 2000-01-12  
[86] 1998-07-17 (PCT/US1998/014596)  
[87] (WO1999/006023)  
[30] US (60/054,132) 1997-07-29

---

[11] **2,299,960**  
[13] C

[51] Int.Cl. 7C25C 1/00 7C25C 7/06  
7C25C 1/12  
[25] EN  
[54] SOLUTION PURIFICATION METHOD FOR ELECTROLYTE  
[54] METHODE DE PURIFICATION DE SOLUTION POUR ELECTROLYTE  
[72] IMAMURA, MASAKI, JP  
[72] ANDO, KOUJI, JP  
[72] FUKUI, ATSUSHI, JP  
[73] SUMITOMO METAL MINING CO., LTD., JP  
[22] 2000-02-29  
[30] JP (H11-53203) 1999-03-01

---

[11] **2,302,067**  
[13] C

[51] Int.Cl. 7C12Q 1/68 7C12M 1/00  
[25] EN  
[54] METHOD AND DEVICES FOR PERFORMING ANALYSIS OF NUCLEIC ACID SAMPLE  
[54] METHODE ET DISPOSITIFS POUR ANALYSER UN ECHANTILLON D'ACIDES NUCLEIQUES  
[72] ROGERS, CHARLES H., US  
[73] BIOMERIEUX, INC., US  
[22] 2000-03-23  
[30] US (09/291,566) 1999-04-13

---

[11] **2,302,069**  
[13] C

[51] Int.Cl. 7B65G 47/90 7B65G 49/04  
[25] EN  
[54] CONVEYING SYSTEM FOR WORK PIECES  
[54] SYSTEME DE TRANSPORT DE PIECES  
[72] LACHMANN, KLAUS W., US  
[72] ESPINOSA, ANTONIO BELISARIO DURAN, MX  
[72] GOMEZ, DANIEL GUZMAN, MX  
[73] EISENMANN CORPORATION, US  
[22] 2000-03-23  
[30] US (09/307,546) 1999-05-07

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,302,755**  
[13] C

[51] Int.Cl. 7C01B 37/00 7C01B 39/00  
7C01B 37/02 7C01B 39/24 7C01B 39/38  
7C01B 39/46  
[25] EN  
[54] NOVEL METHOD FOR MAKING MOLECULAR SIEVES AND NOVEL MOLECULAR SIEVE COMPOSITIONS  
[54] NOUVEAU PROCEDE DE FABRICATION DE TAMIS MOLECULAIRES ET NOUVELLES COMPOSITIONS DE TAMIS MOLECULAIRES  
[72] YEH, CHUEN Y., US  
[72] VAN DER PUIL, NELLEKE, US  
[72] CHANG, YUN-FENG, US  
[72] OVERBEEK, RUDOLF A., US  
[72] MURRELL, LAWRENCE L., US  
[73] ABB LUMMUS GLOBAL INC., US  
[85] 2000-03-07  
[86] 1998-09-25 (PCT/US1998/020163)  
[87] (WO1999/016709)  
[30] US (08/939,271) 1997-09-29

---

[11] **2,302,904**  
[13] C

[51] Int.Cl. 7B66D 3/02  
[25] EN  
[54] SNOWMOBILE EXTRICATING APPARATUS AND METHOD  
[54] APPAREIL ET METHODE DE DEGAGEMENT DE MOTONEIGE  
[72] CRABTREE, RICHARD W., US  
[72] REED, DANA M., US  
[73] SNOBUNJE INCORPORATED, US  
[22] 2000-03-29  
[30] US (09/330,208) 1999-06-11

---

[11] **2,302,945**  
[13] C

[51] Int.Cl. 7H01H 73/00  
[25] EN  
[54] ELECTRONIC SWITCH FOR QUICK, AUTOMATIC RESPONSE TO CURRENT OVERLOADS  
[54] COMMUTATEUR ELECTRONIQUE POUR UNE REPONSE RAPIDE ET AUTOMATIQUE AUX SURCHARGES DE COURANT  
[72] KONSTANTINOVSKY, EDUARD, IL  
[72] WITTNER, LUPU, IL  
[73] TARGET HI-TECH ELECTRONICS LTD., IL  
[85] 2000-03-02  
[86] 1998-09-08 (PCT/US1998/018668)  
[87] (WO1999/013483)  
[30] US (08/926,686) 1997-09-10

---

[11] **2,304,031**  
[13] C

[51] Int.Cl. 7B65H 39/10  
[25] EN  
[54] APPARATUS AND METHOD FOR INVERTING, STAGING AND DIVERTING SHEET ARTICLES  
[54] APPAREIL ET PROCEDE PERMETTANT D'INVERSER, ORGANISER ET DEVIER DES MATERIAUX DE TYPE FEUILLE  
[72] SKVORETZ, DAVID M., US  
[72] DUDASH, DONALD, US  
[72] DRISCOLL, JAMES N., US  
[72] MOSER, JAMES R., US  
[73] BOWE BELL + HOWELL COMPANY, US  
[85] 2000-03-15  
[86] 1998-09-11 (PCT/US1998/018931)  
[87] (WO1999/014148)  
[30] US (08/932,659) 1997-09-18

---

[11] **2,305,114**  
[13] C

[51] Int.Cl. 7A47L 13/16  
[25] EN  
[54] CLEANING CLOTH  
[54] TORCHON  
[72] PHILIPP, DIETER, DE  
[72] WIRSCHING, JOCHEN, DE  
[72] KREMSE, STEFFEN, DE  
[73] CARL FREUDENBERG KG, DE  
[22] 2000-04-13  
[30] DE (P 19917275.7) 1999-04-16

---

[11] **2,305,284**  
[13] C

[51] Int.Cl. 6B65H 7/02  
[25] EN  
[54] DOCUMENT ALIGNMENT MECHANISM FOR CURRENCY RECYCLING AUTOMATED BANKING MACHINE  
[54] MECANISME D'ALIGNEMENT DE DOCUMENTS DESTINE A UN GUICHET AUTOMATIQUE BANCAIRE RECYCLANT LA MONNAIE  
[72] SCHADT, BILL, US  
[72] HANEY, SEAN, US  
[72] BLACKFORD, DAMON J., US  
[72] GRAEF, H. THOMAS, US  
[72] BESKITT, WILLIAM D., US  
[73] DIEBOLD, INCORPORATED, US  
[85] 2000-04-07  
[86] 1998-11-19 (PCT/US1998/024999)  
[87] (WO1999/028225)  
[30] US (60/067,319) 1997-11-28  
[30] US (09/193,775) 1998-11-17

---

[11] **2,307,090**  
[13] C

[51] Int.Cl. 6F27D 1/12 6C21B 11/00  
6C21C 7/00 6F27D 3/14 6F27B 3/16  
6C21C 5/42 6C21C 5/46 6C21C 5/52  
[25] EN  
[54] STRUCTURE OF METALLURGICAL FURNACE AND OPERATING METHOD USING THE SAME METALLURGICAL FURNACE  
[54] STRUCTURE DE FOUR METALLURGIQUE ET PROCEDE D'EXPLOITATION UTILISANT LEDIT FOUR METALLURGIQUE  
[72] IWASAKI, KATSUHIRO, JP  
[72] SEKIGUCHI, TAKESHI, JP  
[72] TAGUCHI, NORIHIKO, JP  
[72] YAMANAKA, MITSUHIRO, JP  
[72] KIMURA, AKISHI, JP  
[72] ISOZAKI, SHINICHI, JP  
[72] WATANABE, MASAYUKI, JP  
[72] SAWADA, TERUTOSHI, JP  
[72] KAWAKAMI, MASAHIRO, JP  
[73] JFE STEEL CORPORATION, JP  
[85] 2000-04-19  
[86] 1998-10-19 (PCT/JP1998/004703)  
[87] (WO1999/020966)  
[30] JP (9-287188) 1997-10-20  
[30] JP (9-287189) 1997-10-20  
[30] JP (9-291940) 1997-10-24  
[30] JP (9-334284) 1997-12-04  
[30] JP (9-338798) 1997-12-09  
[30] JP (10-016506) 1998-01-29  
[30] JP (10-016507) 1998-01-29

---

[11] **2,307,727**  
[13] C

[51] Int.Cl. 7G01F 1/66  
[25] EN  
[54] METHOD AND APPARATUS FOR DETERMINING FLOW VELOCITY IN A CHANNEL  
[54] METHODE ET APPAREILLAGE POUR DETERMINER LA VITESSE D'ECOULEMENT DANS UN CHENAL  
[72] GALLAGHER, JAMES E., US  
[73] SAVANT MEASUREMENT CORPORATION, US  
[22] 2000-05-01  
[30] US (09/306,769) 1999-05-07

Brevets canadiens délivrés  
1 fevrier 2005

---

[11] 2,308,847  
[13] C

- [51] Int.Cl. 7F01D 5/06  
[25] EN  
[54] A GAS-TURBINE ROTOR  
[54] ROTOR DE TURBINE A GAZ  
[72] ICHIRYU, TAKU, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-05-18  
[30] JP (11-169904) 1999-06-16
- 
- [11] \* 2,310,062  
[13] C

- [51] Int.Cl. 6F04D 13/10 6F04D 31/00  
6F04D 1/06  
[25] EN  
[54] STAGE IN A SUBMERGED MULTIPLE-STAGE PUMP  
[54] ETAGE DE POMPE IMMERGEE A PLUSIEURS ETAGES  
[72] KUPRIN, PAVEL BORISOVICH, RU  
[72] PERELMAN, OLEG MIKHAILOVICH, RU  
[72] AGEEV, SHARIFZHAN RAKHIMOVICH, RU  
[72] GUSIN, NIKOLAI VASILIEVICH, RU  
[72] MELNIKOV, DENIS JURIEVICH, RU  
[72] TRYASTSYN, IGOR PAVLOVICH, RU  
[72] RABINOVICH, ALEXANDR ISAAKOVICH, RU  
[72] VYDRINA, IRINA VASILIEVNA, RU  
[72] SHTENNIKOVA, GALINA ALEXANDROVNA, RU  
[72] SEMENOV, JURY LVOVICH, RU  
[72] MELNIKOV, MIKHAIL JURIEVICH, RU  
[72] TREGUBOV, GRIGORY SAMARIEVICH, RU  
[72] IVANOV, OLEG EVGENIEVICH, RU  
[72] DOROGOKUPETS, GENNADY LEONIDOVICH, RU  
[73] ZAKRYTOE AKTSIONERNOE OBSCHESTVO "NOVOMET-PERM", RU  
[85] 2000-05-16  
[86] 1998-11-24 (PCT/RU1998/000396)  
[87] (WO1999/027257)  
[30] RU (97120198) 1997-11-25

[11] 2,310,449  
[13] C

- [51] Int.Cl. 6B65D 47/08 6B65D 43/06  
[25] EN  
[54] A CONTAINER FOR FOODSTUFFS  
[54] RECIPIENT POUR PRODUITS ALIMENTAIRES  
[72] KETTING, WILLEM-HENDRIK, NL  
[72] RICHARDSON, SEAN ANTHONY, IT  
[73] UNILEVER PLC, GB  
[85] 2000-05-17  
[86] 1998-11-11 (PCT/EP1998/007325)  
[87] (WO1999/025622)  
[30] DE (19751321.2) 1997-11-19  
[30] DE (29720431.9) 1997-11-19
- 

[11] 2,311,760  
[13] C

- [51] Int.Cl. 6H04Q 7/38 6H04Q 7/32  
[25] EN  
[54] SYSTEM AND METHOD FOR POSITIONING A MOBILE TERMINAL USING A TERMINAL BASED BROWSER  
[54] DISPOSITIF PERMETTANT DE LOCALISER UN TERMINAL MOBILE A L'AIDE D'UN NAVIGATEUR AXE SUR UN TERMINAL ET PROCEDE CORRESPONDANT  
[72] HAYES, STEPHEN, US  
[72] ROEL-NG, MAYA, US  
[72] ZADEH, BAGHER R., US  
[72] KINGDON, CHRISTOPHER H., US  
[73] ERICSSON INC., US  
[85] 2000-05-25  
[86] 1998-11-23 (PCT/US1998/024886)  
[87] (WO1999/027742)  
[30] US (08/978,913) 1997-11-26
- 

[11] 2,312,556  
[13] C

- [51] Int.Cl. 7D04H 1/56  
[25] EN  
[54] ELASTICALLY STRETCHABLE NONWOVEN FABRIC AND PROCESS FOR MAKING THE SAME  
[54] TISSU NON TISSE EXTENSIBLE ET PROCEDE DE FABRICATION  
[72] INOUE, EMIKO, JP  
[72] KOBAYASHI, TOSHIO, JP  
[72] TANGE, SATORU, JP  
[72] YOSHIDA, MASAKI, JP  
[73] UNI-CHARM CORPORATION, JP  
[22] 2000-06-27  
[30] JP (11-181825) 1999-06-28

[11] 2,315,310  
[13] C

- [51] Int.Cl. 7B23K 37/00 7H02J 11/00  
7H02J 13/00 7B23K 31/02  
[25] EN  
[54] WELDER WITH ENGINE POWER AND UTILITY POWER INPUT  
[54] SOUDEUSE ALIMENTEE PAR GROUPE ELECTROGENE OU PAR BRANCHEMENT AU SECTEUR DES SERVICES PUBLICS  
[72] FOSBINDER, DANIEL, US  
[72] BEESON, RICHARD, US  
[72] SULLIVAN, WILLIAM, US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 2000-08-03  
[30] US (09/404,234) 1999-09-23
- 

[11] 2,316,287  
[13] C

- [51] Int.Cl. 7F16K 15/14  
[25] EN  
[54] REINFORCED TIDE GATE VALVE  
[54] CLAPET OBTURATEUR A MAREE RENFORCE  
[72] DUER, MICHAEL J., US  
[72] RAFTIS, SPIROS G., US  
[73] RED VALVE COMPANY, INC., US  
[22] 2000-08-18  
[30] US (60/149,601) 1999-08-18
- 

[11] 2,316,576  
[13] C

- [51] Int.Cl. 7F01D 5/08  
[25] EN  
[54] A COOLING AIR SUPPLY SYSTEM FOR A ROTOR  
[54] SYSTEME D'ALIMENTATION EN AIR DE REFROIDISSEMENT D'UN ROTOR  
[72] ICHIRYU, TAKU, JP  
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 2000-08-22  
[30] JP (11-235350) 1999-08-23

**Canadian Patents Issued  
February 1, 2005**

---

**[11] 2,316,584**  
[13] C

[51] Int.Cl. 7B62D 35/00  
[25] EN  
[54] AIR DRAG REDUCING APPARATUS  
[54] DISPOSITIF DE REDUCTION DE LA TRAINEE AERODYNAMIQUE  
[72] BOIVIN, MATHIEU, CA  
[72] ROBERGE, KARIC, CA  
[73] NORCAN ALUMINIUM INC., CA  
[22] 2000-08-23  
[30] CA (2,281,064) 1999-08-24

---

**[11] 2,316,643**  
[13] C

[51] Int.Cl. 7G06F 13/14 7G11C 7/00  
[25] EN  
[54] FAIR ASSIGNMENT OF PROCESSING RESOURCES TO QUEUED REQUESTS  
[54] ALLOCATION EQUITABLE DES RESSOURCES DE TRAITEMENT A DES DEMANDES EN FILE D'ATTENTE  
[72] SEEDS, GLEN, CA  
[73] COGNOS INCORPORATED, CA  
[22] 2000-08-24

---

**[11] 2,319,960**  
[13] C

[51] Int.Cl. 7B67D 3/02 7A45D 34/04 7A47K 5/12  
[25] FR  
[54] DISPOSITIF DE DISTRIBUTION DESTINE A EQUIPER UN RECIPIENT  
[54] DISTRIBUTION DEVICE INTENDED TO FIT A CONTAINER  
[72] BONNINGUE, PHILIPPE, FR  
[73] L'OREAL, FR  
[22] 2000-09-15  
[30] FR (99 11 581) 1999-09-16

---

**[11] 2,320,448**  
[13] C

[51] Int.Cl. 6C07D 473/16 6A61K 31/52  
[25] EN  
[54] 6,9-DISUBSTITUTED 2--TRANS-(4-AMINOCYCLOHEXYL)AMINO|PURINES  
[54] 2--TRANS-(4-AMINOCYCLOHEXYL)AMINO|PURINES 6,9-DISUBSTITUEES  
[72] BORCHERDING, DAVID R., US  
[72] PEET, NORTON P., US  
[72] DUMONT, JENNIFER A., US  
[72] MUNSON, H. RANDALL, US  
[72] SHUM, PATRICK W.K., US  
[72] BITONTI, ALAN J., US  
[73] AVENTIS PHARMACEUTICALS INC., US  
[85] 2000-08-09  
[86] 1999-02-18 (PCT/US1999/003451)  
[87] (WO1999/043676)  
[30] US (09/032,381) 1998-02-26

---

**[11] 2,321,293**  
[13] C

[51] Int.Cl. 6H01M 4/32 6H01M 10/30 6H01M 4/62  
[25] EN  
[54] NICKEL ELECTRODE FOR ALKALI STORAGE BATTERY, METHOD OF PRODUCING NICKEL ELECTRODE FOR ALKALI STORAGE BATTERY, AND ALKALI STORAGE BATTERY  
[54] ELECTRODE NICKEL POUR BATTERIE D'ACCUMULATEURS ALCALINS, PROCEDE DE PRODUCTION D'UNE ELECTRODE NICKEL POUR BATTERIE D'ACCUMULATEURS ALCALINS, ET BATTERIE D'ACCUMULATEURS ALCALINS

[72] NOGAMI, MITSUZOU, JP  
[72] MATSUURA, YOSHINORI, JP  
[72] MAEDA, REIZO, JP  
[72] SHINYAMA, KATSUHIKO, JP  
[72] NISHIO, KOJI, JP  
[72] YONEZU, IKUO, JP  
[73] SANYO ELECTRIC CO., LTD., JP  
[85] 2000-08-17  
[86] 1999-02-18 (PCT/JP1999/000720)  
[87] (WO1999/043035)  
[30] JP (10/39157) 1998-02-20  
[30] JP (10/52350) 1998-03-04

**[11] 2,322,407**  
[13] C

[51] Int.Cl. 7F04B 47/02 7E21B 43/12  
[25] EN  
[54] CURVED-BEAM PUMPING UNIT  
[54] UNITE DE POMPAGE A BALANCIER COURBE  
[72] BAI, XUEMING, CN  
[72] GUO, DONG, CN  
[72] ZHANG, ZIZHONG, CN  
[72] SU, JINYANG, CN  
[73] CHINA NATIONAL PETROLEUM CORPORATION, CN  
[22] 2000-10-05  
[30] CN (99248371.9) 1999-10-13

---

**[11] 2,325,351**  
[13] C

[51] Int.Cl. 7C12N 15/10 7A61K 39/00 7A61K 48/00 7C12P 21/00 7C12P 19/34 7A61K 39/39 7A61K 31/70  
[25] EN  
[54] NON-STOCHASTIC GENERATION OF GENETIC VACCINES AND ENZYMES  
[54] ELABORATION NON STOCHASTIQUE DE VACCINS GENETIQUES ET D'ENZYMES  
[72] SHORT, JAY M., US  
[73] DIVERSA CORPORATION, US  
[85] 2000-10-03  
[86] 2000-02-04 (PCT/US2000/003086)  
[87] (WO2000/046344)  
[30] US (09/246,178) 1999-02-04

---

**[11] 2,325,761**  
[13] C

[51] Int.Cl. 7E21B 43/08  
[25] EN  
[54] DOWNHOLE SCREEN WITH TUBULAR BYPASS  
[54] PASSOIRE DE PUITS DE FORAGE AVEC TUBE DE MISE EN DERIVATION  
[72] HALL, BOBBY E., US  
[72] BAYCROFT, PERRY D., US  
[72] VOLLM, BENN A., US  
[72] PETERSON, ELMER R., US  
[72] BROOME, JOHN T., US  
[73] BAKER HUGHES INCORPORATED, US  
[22] 2000-11-10  
[30] US (09/439,797) 1999-11-12

**Brevets canadiens délivrés**  
**1 fevrier 2005**

---

[11] **2,326,244**  
 [13] C

[51] Int.Cl. 7H01R 4/58  
 [25] EN  
 [54] ELECTRICAL CONNECTING ELEMENT AND METHOD OF PRODUCING THE SAME  
 [54] ELEMENT DE CONNEXION ELECTRIQUE ET METHODE DE PRODUCTION CONNEXE  
 [72] KOGUCHI, MITSUO, JP  
 [72] TAI, TOMISHIGE, JP  
 [73] JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED, JP  
 [22] 2000-11-16  
 [30] JP (328234/99) 1999-11-18  
 [30] JP (243950/00) 2000-08-11

---

[11] **2,326,486**  
 [13] C

[51] Int.Cl. 7B43L 13/00 7G09G 3/00  
 7B43L 1/00 7B43K 23/02 7B25J 9/10  
 7G06K 15/22 7B41J 29/393  
 [25] EN  
 [54] PARKING MECHANISM FOR END EFFECTORS USED FOR PERFORMING ACTIONS OVER VERTICAL SURFACES  
 [54] MECANISME DE STATIONNEMENT POUR LES EFFECTEURS TERMINAUX UTILISES POUR EXECUTER DES MOUVEMENTS SUR DES SURFACES VERTICALES  
 [72] SAUND, ERIC, US  
 [72] YIM, MARK H., US  
 [73] XEROX CORPORATION, US  
 [22] 2000-11-22  
 [30] US (09/450,466) 1999-11-29

---

[11] **2,327,027**  
 [13] C

[51] Int.Cl. 7B43L 13/00 7G09G 3/00  
 7B25J 9/10 7G01D 15/16 7G06K 15/22  
 7B41J 29/393  
 [25] EN  
 [54] SYSTEM FOR EFFECTING ACTIONS OVER VERTICAL SURFACES  
 [54] SYSTEME POUR EXECUTER DES MOUVEMENTS SUR DES SURFACES VERTICALES  
 [72] MORAN, THOMAS P., US  
 [72] LARNER, DANIEL L., US  
 [72] FISHKIN, KENNETH P., US  
 [72] BREUEL, THOMAS M., US  
 [72] SAUND, ERIC, US  
 [73] XEROX CORPORATION, US  
 [22] 2000-11-22  
 [30] US (09/450,468) 1999-11-29

---

[11] **2,327,280**  
 [13] C

[51] Int.Cl. 6E04F 11/18  
 [25] EN  
 [54] MODULAR STAIRWAY AND BALCONY RAILING SYSTEM  
 [54] SYSTEME MODULAIRE DE RAMPE D'ESCALIER ET DE BALUSTRADE DE BALCON  
 [72] ROSS, NANCY A., US  
 [73] ROSS, NANCY A., US  
 [85] 2000-10-04  
 [86] 1999-04-06 (PCT/US1999/007557)  
 [87] (WO1999/051836)  
 [30] US (09/056,517) 1998-04-07

---

[11] **2,333,613**  
 [13] C

[51] Int.Cl. 6H04L 9/32  
 [25] EN  
 [54] METHOD OF CONTROLLING USAGE OF SOFTWARE COMPONENTS  
 [54] PROCEDE DE COMMANDE D'UTILISATION DE COMPOSANTS LOGICIELS  
 [72] KNAPTON, KENNETH S., III, US  
 [73] INTEL CORPORATION, US  
 [85] 2000-11-28  
 [86] 1999-05-19 (PCT/US1999/011106)  
 [87] (WO1999/063707)  
 [30] US (09/092,632) 1998-06-05

---

[11] **2,336,393**  
 [13] C

[51] Int.Cl. 7C08F 20/04 7C09D 133/04  
 [25] EN  
 [54] PROCESS FOR PRODUCING POLYMERS BY FREE RADICAL POLYMERIZATION AND CONDENSATION REACTION, AND APPARATUS AND PRODUCTS RELATED THERETO  
 [54] PROCEDE DE PRODUCTION LE POLYMERES PAR REACTION DE POLYMERISATION ET CONDENSATION DE RADICAUX LIBRES ; DISPOSITIF ET PRODUITS ASSOCIES  
 [72] CHYLLA, RICHARD, NL  
 [72] CAMPBELL, JOHN D., US  
 [72] WILSON, DENNIS M., US  
 [72] KAAI, MICHIO, JP  
 [72] KIMURA, TSUGIO, JP  
 [72] ANDRIST, KEVIN M., US  
 [72] DEYOUNG, DOUGLAS J., US  
 [72] DEBLING, JON A., US  
 [73] JOHNSON POLYMER, LLC, US  
 [85] 2001-01-02  
 [86] 1999-07-02 (PCT/US1999/015160)  
 [87] (WO2000/002933)  
 [30] US (60/092,433) 1998-07-10

---

[11] **2,336,558**  
 [13] C

[51] Int.Cl. 7B21D 37/08  
 [25] EN  
 [54] DIE ASSEMBLY AND METHOD OF MAKING DIE ASSEMBLY  
 [54] MATRICE ET METHODE DE FABRICATION DE MATRICES  
 [72] UCHIDA, TOHRU, JP  
 [72] USUI, TOSHIYUKI, JP  
 [73] HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.), JP  
 [22] 2001-02-14  
 [30] JP (2000-043714) 2000-02-22  
 [30] JP (2000-043715) 2000-02-22  
 [30] JP (2000-043717) 2000-02-22  
 [30] JP (2000-043716) 2000-02-22

**Canadian Patents Issued  
February 1, 2005**

---

[11] \* 2,337,012  
[13] C

[51] Int.Cl. 6H04L 9/32 6H04Q 7/22  
[25] EN  
[54] METHOD OF ESTABLISHING THE TRUSTWORTHINESS LEVEL OF A PARTICIPANT IN A COMMUNICATION CONNECTION  
[54] PROCEDE POUR ETABLIR LE NIVEAU DE CONFIANCE ACCORDE A UN PARTICIPANT DANS UNE CONNEXION DE COMMUNICATION  
[72] MOSER, MICHAEL, CH  
[72] O'CONNOR, LUKE J., CH  
[72] HILD, STEFAN G., CH  
[72] BINDING, CARL, CH  
[73] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2001-01-05  
[86] 1998-11-23 (PCT/IB1998/001854)  
[87] (WO2000/004673)  
[30] EP (98113121.2) 1998-07-15

---

[11] 2,337,630  
[13] C

[51] Int.Cl. 7C22C 23/02 7B22D 17/00  
7B22D 21/04  
[25] EN  
[54] DIE CASTING MAGNESIUM ALLOY  
[54] ALLIAGE DE MAGNESEIUM POUR MOULAGE SOUS PRESSION  
[72] OHORI, KOICHI, JP  
[72] NAKAURA, YUSUKE, JP  
[72] SAKAGAMI, TAKESHI, JP  
[73] MITSUBISHI ALUMINUM CO., LTD., JP  
[22] 2001-02-21  
[30] JP (2000-047661) 2000-02-24

---

[11] 2,337,698  
[13] C

[51] Int.Cl. 7G02B 6/00 7G02B 6/36  
7G02B 6/46  
[25] EN  
[54] OPTICAL FIBER POSITIONING MEMBER  
[54] ELEMENT DE POSITIONNEMENT EN FIBRE OPTIQUE  
[72] KAKII, TOSHIAKI, JP  
[72] KATSURA, HIROSHI, JP  
[72] SAKURAI, WATARU, JP  
[73] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 2001-02-21  
[30] JP (P2000-076515) 2000-03-17

---

[11] 2,337,935  
[13] C

[51] Int.Cl. 7A41F 1/00 7A41F 9/02 7A41H  
37/02 7A41D 1/06  
[25] EN  
[54] HOOK ASSEMBLY USED FOR WAIST-ADJUSTING MECHANISM OF CLOTHES AND CLOTHES HAVING WAIST-ADJUSTING MECHANISM  
[54] MONTAGE A CROCHETS POUR MECANISME DE REGLAGE DE TAILLE DES VETEMENTS, ET VETEMENT POURVUS D'UN TEL MECANISME  
[72] KATO, KOJI, JP  
[73] KATO, KOJI, JP  
[22] 2001-02-23  
[30] JP (2000-055660) 2000-03-01  
[30] JP (2000-142517) 2000-05-15  
[30] JP (2000-235227) 2000-08-03

---

[11] 2,339,019  
[13] C

[51] Int.Cl. 7C22C 1/10  
[25] EN  
[54] PREPARATION OF METAL-MATRIX COMPOSITE MATERIALS WITH HIGH PARTICULATE LOADINGS BY CONCENTRATION  
[54] PREPARATION DE MATERIAUX COMPOSITES A MATRICE METALLIQUE A FORTE CONCENTRATION EN CHARGE DE PARTICULES  
[72] HAY, GARY, CA  
[72] WALES, PETER, CA  
[72] DOUTRE, DON ALLEN, CA  
[72] JIN, ILJOON, CA  
[72] LLOYD, DAVID JAMES, CA  
[73] ALCAN INTERNATIONAL LIMITED, CA  
[85] 2001-01-30  
[86] 1999-08-06 (PCT/CA1999/000721)  
[87] (WO2000/008218)  
[30] US (09/131,131) 1998-08-07

---

[11] 2,339,538  
[13] C

[51] Int.Cl. 7H02M 3/04 7H02M 3/137  
[25] EN  
[54] EFFICIENT, DUAL-SOURCE, WIDE-INPUT RANGE, ISOLATED DC-DC CONVERTER WITH EFFECTIVE CURRENT LIMIT  
[54] CONVERTISSEUR CONTINU-CONTINU ISOLE, OPERANT A DEUX SOURCES ET A GRANDE ALIMENTATION, AYANT UNE LIMITE DE COURANT EFFICACE  
[72] BURTON, SCOTT RICHARD, CA  
[73] MITEL KNOWLEDGE CORPORATION, CA  
[22] 2001-03-05  
[30] GB (0005375.1) 2000-03-06

---

[11] 2,341,373  
[13] C

[51] Int.Cl. 7B05B 7/14  
[25] EN  
[54] POWDER COATING DEVICE  
[54] DISPOSITIF D'APPLICATION DE REVETEMENT EN POUDRE  
[72] HAAS, GERALD, CH  
[72] MICHAEL, HANS PETER, CH  
[73] ITW GEMA AG, CH  
[85] 2001-02-21  
[86] 1999-06-09 (PCT/EP1999/003968)  
[87] (WO2000/010727)  
[30] DE (198 38 269.3) 1998-08-22

---

[11] 2,342,088  
[13] C

[51] Int.Cl. 7F15B 13/044 7B60N 2/16  
[25] EN  
[54] ACTIVE SUSPENSION WITH OFFLOAD ADJUSTMENT  
[54] SUSPENSION ACTIVE AVEC AJUSTEMENT EN FONCTION DE LA CHARGE  
[72] DUFNER, DANIEL LEE, US  
[72] SCHICK, TROY EUGENE, US  
[73] DEERE & COMPANY, US  
[22] 2001-03-22  
[30] US (09/654,792) 2000-09-05

**Brevets canadiens délivrés**  
**1 fevrier 2005**

---

[11] **2,342,495**  
 [13] C

[51] Int.Cl. 7B65H 37/04  
 [25] EN  
**[54] AUTOMATIC GUIDE ARMS APPARATUS**  
**[54] DISPOSITIF A BRAS DE GUIDAGE AUTOMATIQUE**  
 [72] ROBITAILLE, MARTIN, CA  
 [72] GAGNON, STEVE, CA  
 [73] ROBITAILLE, MARTIN, CA  
 [22] 2001-04-03

---

[11] **2,345,666**  
 [13] C

[51] Int.Cl. 7F02B 77/13 7F01P 5/06 7F01P 11/12  
 [25] EN  
**[54] LOW NOISE PACKAGE STORING TYPE ENGINE WORKING MACHINE**  
**[54] MACHINE A USINER A MOTEUR DU TYPE CONTENANT UNE ENVELOPPE A FAIBLE BRUIT**  
 [72] SAITO, MASAHIRO, JP  
 [72] OKUBO, MINORU, JP  
 [72] KOUZATO, KOIUCHI, JP  
 [72] SHIOKAWA, MASATO, JP  
 [72] FUKUSHIMA, TAKASHI, JP  
 [72] ISHIDA, SHINICHIRO, JP  
 [73] YANMAR DIESEL ENGINE CO., LTD., JP  
 [85] 2001-03-28  
 [86] 1999-09-24 (PCT/JP1999/005243)  
 [87] (WO2000/020737)  
 [30] JP (10/284331) 1998-10-06  
 [30] JP (10/284332) 1998-10-06

---

[11] **2,346,230**  
 [13] C

[51] Int.Cl. 6A61F 13/15  
 [25] EN  
**[54] INDIVIDUALLY PACKAGED ABSORBENT ARTICLE**  
**[54] ARTICLE ABSORBANT EMBALLE INDIVIDUELLEMENT**  
 [72] TAMEISHI, KAZUAKI, JP  
 [72] TERADA, NAMI, JP  
 [73] THE PROCTER & GAMBLE COMPANY, US  
 [85] 2001-04-03  
 [86] 1998-10-05 (PCT/US1998/021024)  
 [87] (WO2000/019954)

---

[11] **2,347,748**  
 [13] C

[51] Int.Cl. 6G06F 17/30  
 [25] EN  
**[54] METHOD FOR CHECKING TABLESPACES INVOLVED IN REFERENTIAL INTEGRITY**  
**[54] PROCEDE DE VERIFICATION DES ESPACES ENTRE LES TABLES INTERVENANT DANS L'INTEGRITE REFERENTIELLE**  
 [72] PARKER, CHRISTOPHER F., US  
 [72] ISIP, AMANDO B., JR., US  
 [72] WEAVER, STEPHEN J., US  
 [73] COMPUTER ASSOCIATES THINK, INC., US  
 [85] 2001-04-19  
 [86] 1999-10-27 (PCT/US1999/025195)  
 [87] (WO2000/025237)  
 [30] US (60/105,883) 1998-10-27  
 [30] US (09/208,118) 1998-12-09

---

[11] **2,347,893**  
 [13] C

[51] Int.Cl. 6H04K 1/00  
 [25] EN  
**[54] METHOD AND APPARATUS FOR SECURE DISTRIBUTION OF AUTHENTICATION CREDENTIALS TO ROAMING USERS**  
**[54] PROCEDE ET APPAREIL PERMETTANT DE DISTRIBUER DE MANIERE SURE DES JUSTIFICATIFS D'AUTHENTIFICATION A DES ABONNES ITINERANTS**  
 [72] KAUSIK, BALAS NATARAJAN, US  
 [72] VARADARAJAN, RAMMOHAN, US  
 [73] ARCOT SYSTEMS, INC., US  
 [85] 2001-04-24  
 [86] 1999-11-19 (PCT/US1999/027621)  
 [87] (WO2000/030285)  
 [30] US (09/196,430) 1998-11-19

---

[11] **2,349,534**  
 [13] C

[51] Int.Cl. 6B23B 7/06 6B23B 7/12 6B44C 1/16  
 [25] EN  
**[54] HEAT-TRANSFER LABEL INCLUDING A PHENOXY ADHESIVE LAYER**  
**[54] ETIQUETTE IMPRIMEE PAR REPORT A CHAUD CONTENANT UNE COUCHE ADHESIVE PHENOXY**  
 [72] LAPRADE, JEAN PAUL, US  
 [72] NUGENT, JAMES S., US  
 [72] YANG, DARCHUN BILLY, US  
 [72] GEURTSEN, FRIEDRICH H. H., US  
 [73] MCC-DEC TECH, LLC, US  
 [85] 2001-05-04  
 [86] 1999-11-09 (PCT/US1999/026567)  
 [87] (WO2000/027572)  
 [30] US (09/189,277) 1998-11-10

---

[11] **2,351,099**  
 [13] C

[51] Int.Cl. 7G02B 6/10 7H01S 3/10 7H04B 10/17  
 [25] EN  
**[54] FIBER BUNDLE AND OPTICAL AMPLIFIER**  
**[54] FAISCEAU DE FIBRES ET AMPLIFICATEUR OPTIQUE**  
 [72] FISCHER, GEORGE L., US  
 [73] LUCENT TECHNOLOGIES, INC., US  
 [22] 2001-06-20  
 [30] US (09/648,978) 2000-08-28

---

[11] **2,352,000**  
 [13] C

[51] Int.Cl. 7F04D 29/00  
 [25] EN  
**[54] ADJUSTABLE PUMP WEAR PLATE POSITIONING ASSEMBLY**  
**[54] ENSEMBLE DE POSITIONNEMENT DE PLAQUE D'USURE DE POMPE REGLABLE**  
 [72] SOJA, MARC S. C., CA  
 [73] SOJA, MARC S. C., CA  
 [22] 2001-07-03

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,353,723**  
[13] C

[51] Int.Cl. 7A61B 17/02  
[25] EN  
[54] SURGICAL FIXATION AND RETRACTION SYSTEM  
[54] SYSTEME CHIRURGICAL DE FIXATION ET D'ECARTEMENT  
[72] O'MALLEY, MICHAEL T., CA  
[72] BELL, MICHAEL S. G., CA  
[72] LEE, LEONARD G., CA  
[72] MAXWELL, TIMOTHY J., CA  
[73] CANICA DESIGN INC., CA  
[85] 2001-05-31  
[86] 1999-12-01 (PCT/IB1999/001927)  
[87] (WO2000/032111)  
[30] US (60/110,788) 1998-12-03  
[30] US (60/115,512) 1999-01-11  
[30] US (60/140,583) 1999-06-23

[11] **2,356,813**  
[13] C

[51] Int.Cl. 7H04N 1/405 7G06T 7/00  
[25] EN  
[54] PATTERN RENDERING SYSTEM AND METHOD  
[54] SYSTEME ET METHODE DE RENDU DE MOTIFS  
[72] BENNETT, SCOTT A., US  
[72] BAI, YINGJUN, US  
[73] XEROX CORPORATION, US  
[22] 2001-09-10  
[30] US (09/660,402) 2000-09-12

[11] **2,357,789**  
[13] C

[51] Int.Cl. 7B65G 27/16  
[25] EN  
[54] ROTARY DRIVE FOR VIBRATORY CONVEYORS  
[54] ENTRAINEMENT ROTATIF POUR CONVOYEURS VIBRATOIRES  
[72] SAHLBERG, KARL M., SE  
[73] VIBRO INDUSTRIES, INC., US  
[22] 2001-09-20  
[30] US (09/715,505) 2000-11-17

[11] **2,359,017**  
[13] C

[51] Int.Cl. 7G03G 21/00 7B41L 21/00  
[25] EN  
[54] SYSTEM AND METHOD FOR INCREASED SHEET TIMING OPERATION WINDOW FOR REGISTRATION  
[54] SYSTEME ET TECHNIQUE D'ELARGISSEMENT DE LA FENETRE DE SYNCHRONISATION DES FEUILLES EN PREVISION DE L'ENREGISTREMENT  
[72] WINTERBERGER, JOHN A., US  
[72] DOBBERTIN, MICHAEL T., US  
[73] EASTMAN KODAK COMPANY, US  
[22] 2001-10-12  
[30] US (09/698,513) 2000-10-27

[11] **2,361,101**  
[13] C

[51] Int.Cl. 7B60R 13/10  
[25] EN  
[54] FLEXIBLE VEHICLE LICENSE PLATE  
[54] PLAQUE SOUPLE D'IMMATRICULATION DE VEHICULE  
[72] GALL, ROBERT A., US  
[73] GALL, ROBERT A., US  
[22] 2001-11-06

[11] **2,361,540**  
[13] C

[51] Int.Cl. 7G03B 21/56  
[25] EN  
[54] THREE-DIMENSIONAL HYBRID SCREEN HAVING MULTIPLE VIEWING SECTIONS  
[54] ECRAN HYBRIDE TRIDIMENSIONNEL  
[72] NEFF, DENNIS B., US  
[72] GRISMORE, JOHN R., US  
[72] WYATT, STEVEN B., US  
[72] LUCAS, WILLIAM A., US  
[73] CONOCOPHILLIPS COMPANY, US  
[85] 2001-07-20  
[86] 2000-05-03 (PCT/US2000/012123)  
[87] (WO2000/068736)  
[30] US (09/306,612) 1999-05-06

[11] **2,361,558**  
[13] C

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] HEALTH CARE DATA MANAGEMENT SYSTEM  
[54] SYSTEME DE GESTION DE DONNEES DE SOINS DE SANTE  
[72] RICHARDS, SANDY MARK, US  
[72] KURTOCK, JAMES R., US  
[73] ROCHE DIAGNOSTICS CORPORATION, US  
[85] 2001-08-28  
[86] 2000-02-29 (PCT/US2000/005121)  
[87] (WO2000/052626)  
[30] US (60/122,285) 1999-03-01

[11] **2,362,559**  
[13] C

[51] Int.Cl. 7A61N 5/00  
[25] EN  
[54] VASCULAR SYSTEM TREATING METHOD AND APPARATUS  
[54] PROCEDE ET APPAREIL DE TRAITEMENT DU SYSTEME VASCULAIRE  
[72] WAKSMAN, RON, US  
[72] MELOUL, RAPHAEL F., US  
[72] LARSEN, CHARLES E., US  
[72] CROCKER, IAN R., US  
[72] WELDON, THOMAS D., US  
[72] HILLSTEAD, RICHARD A., US  
[72] ROSEN, JONATHAN J., US  
[73] NOVOSTE CORPORATION, US  
[22] 1995-10-23  
[62] 2,203,362  
[30] US (08/330,327) 1994-10-27

[11] **2,362,698**  
[13] C

[51] Int.Cl. 7C07C 251/44 7C07C 311/07  
7C07C 259/08 7C07C 317/34 7A61K 7/42  
7A61K 7/48 7C07C 69/608 7C07C 69/76  
[25] EN  
[54] RESORCINOL DERIVATIVES  
[54] DERIVES DE RESORCINOL  
[72] COLLINGTON, ERIC WILLIAM, GB  
[72] BROWNING, ANDREW FRANCIS, SE  
[72] GEDE, JOANNA VICTORIA, GB  
[72] PROCTER, MARTIN JAMES, GB  
[73] PFIZER INC., US  
[85] 2001-08-13  
[86] 2000-03-16 (PCT/IB2000/000286)  
[87] (WO2000/056702)  
[30] US (60/125,534) 1999-03-22

**Brevets canadiens délivrés**  
**1 fevrier 2005**

---

[11] **2,364,784**  
 [13] C

[51] Int.Cl. 7B07B 7/12 7B07B 7/01 7B07B  
 11/04  
 [25] EN  
**[54] APPARATUS AND METHOD FOR  
 SELECTING AND SEPARATING OUT  
 SPROUTED KERNEL**  
**[54] APPAREIL ET METHODE POUR  
 SELECTIONNER ET SEPARER DES  
 GRAINS GERMES**  
 [72] KOSHIRO, TOMOKO, JP  
 [72] SHIBAYAMA, AKIRA, JP  
 [73] ANZAI UNIVERSAL LABORATORY  
 CO., LTD., JP  
 [22] 2001-12-10  
 [30] JP (252344/2001) 2001-08-23

[11] **2,364,810**  
 [13] C

[51] Int.Cl. 7G01B 11/26 7G01B 9/08  
 [25] EN  
**[54] LINE PROJECTING DEVICE**  
**[54] PROJECTEUR DE LIGNE**  
 [72] PELLETIER, VICTOR, CA  
 [73] PELLETIER, VICTOR, CA  
 [22] 2001-12-17

[11] **2,365,028**  
 [13] C

[51] Int.Cl. 7A44B 21/00 7B65C 7/00  
 7G09F 3/08 7A41H 37/10 7B25C 5/11  
 7B65D 85/24  
 [25] EN  
**[54] PLASTIC FASTENER, FASTENER  
 CLIP, FASTENER DISPENSING TOOL  
 AND METHOD OF FASTENING  
 OBJECTS**  
**[54] AGRAFE EN MATIERE  
 PLASTIQUE, PINCE D'AGRAFAGE,  
 OUTIL DISTRIBUTEUR D'AGRAFES  
 ET PROCEDE D'AGRAFAGE  
 D'OBJETS**  
 [72] GRENDOL, CLARK L., US  
 [72] COOPER, WILLIAM J., US  
 [72] DAVIGNON, PAUL A., US  
 [72] DESCHENES, CHARLES L., US  
 [72] RAYMOND, JEFFREY A., US  
 [73] AVERY DENNISON CORPORATION,  
 US  
 [85] 2001-08-31  
 [86] 2000-03-02 (PCT/US2000/005649)  
 [87] (WO2000/051792)  
 [30] US (60/122,557) 1999-03-02  
 [30] US (09/483,181) 2000-01-13  
 [30] US (09/483,180) 2000-01-13

[11] **2,365,090**  
 [13] C

[51] Int.Cl. 7F02C 7/00 7F01D 5/14  
 [25] EN  
**[54] GAS TURBINE**  
**[54] TURBINE A GAZ**  
 [72] UEMATSU, KAZUO, JP  
 [72] ITO, EISAKU, JP  
 [73] MITSUBISHI HEAVY INDUSTRIES,  
 LTD., JP  
 [22] 2001-12-14  
 [30] JP (2001 017662) 2001-01-25

[11] **2,365,414**  
 [13] C

[51] Int.Cl. 7A61F 2/30 7A61L 27/04  
 7A61F 2/32 7A61F 2/38 7A61L 27/44  
 [25] EN  
**[54] METAL/COMPOSITE HYBRID  
 ORTHOPAEDIC IMPLANTS**  
**[54] PROTHESES ORTHOPEDIQUES A  
 STRUCTURE HYBRIDE METAL/  
 COMPOSITE**  
 [72] TRENTACOSTA, JOSEPH DANIEL,  
 US  
 [72] KELMAN, DAVID CLARK, US  
 [73] DEPUY ORTHOPAEDICS INC., US  
 [22] 1991-05-31  
 [62] 2,084,095  
 [30] US (07/531,652) 1990-06-01

[11] **2,367,690**  
 [13] C

[51] Int.Cl. 7G05D 1/02  
 [25] EN  
**[54] ADVANCED SHIP AUTOPILOT  
 SYSTEM**  
**[54] SYSTEME PILOTAGE  
 AUTOMATIQUE AMELIORE POUR  
 NAVIRE**  
 [72] EL-TAHAN, HUSSEIN, CA  
 [72] ROSSI, MAURO, CA  
 [72] TUER, KEVIN, CA  
 [72] EL-TAHAN, MONA, CA  
 [73] CANADIAN SPACE AGENCY, CA  
 [85] 2001-09-14  
 [86] 2000-04-20 (PCT/CA2000/000448)  
 [87] (WO2000/065417)  
 [30] US (60/130,528) 1999-04-23

[11] **2,370,191**  
 [13] C

[51] Int.Cl. 7H04Q 7/24 7H04Q 7/00  
 7H04B 3/46 7H04L 12/66  
 [25] EN  
**[54] METHOD OF DYNAMIC RATE  
 SWITCHING VIA MEDIUM ACCESS  
 CHANNEL LAYER SIGNALING**  
**[54] PROCEDE DE MODIFICATION  
 DYNAMIQUE DE DEBIT PAR  
 L'INTERMEDIAIRE D'UNE  
 SIGNALISATION DE COUCHE  
 MOYENNE DE CANAL D'ACCES**  
 [72] LOVE, ROBERT T., US  
 [72] ROTSTEIN, RON, US  
 [72] CORKE, ROBERT JOHN, US  
 [73] MOTOROLA, INC., US  
 [85] 2001-10-11  
 [86] 2001-02-12 (PCT/US2001/004501)  
 [87] (WO2001/062024)  
 [30] US (09/504,651) 2000-02-14

[11] **2,373,351**  
 [13] C

[51] Int.Cl. 7G01N 27/64 7H01J 49/40  
 [25] EN  
**[54] ION MOBILITY AND MASS  
 SPECTROMETER**  
**[54] MOBILITE DES IONS ET  
 SPECTROMETRE DE MASSE**  
 [72] CLEMMER, DAVID E., US  
 [72] REILLY, JAMES P., US  
 [73] ADVANCED RESEARCH &  
 TECHNOLOGY INSTITUTE, INC., US  
 [85] 2001-11-05  
 [86] 2000-05-16 (PCT/US2000/013344)  
 [87] (WO2000/070335)  
 [30] US (09/313,492) 1999-05-17

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,373,565**  
[13] C

[51] Int.Cl. 7B23K 26/06  
[25] EN  
**BEAM SHAPING AND PROJECTION IMAGING WITH SOLID STATE UV GAUSSIAN BEAM TO FORM VIAS**  
[54] MISE EN FORME DE FAISCEAU ET IMAGERIE PAR PROJECTION AVEC FAISCEAU GAUSSIEN ULTRAVIOLET DE LASER SOLIDE POUR LA FORMATION DE TROUS D'INTERCONNEXION  
[72] CROGLIO, NICHOLAS J., US  
[72] DUNSKY, COREY M., US  
[72] LIU, XINBING, US  
[72] MATSUMOTO, HISASHI, US  
[72] GUNDRUM, BRYAN C., US  
[72] LO, HO WAI, US  
[73] ELECTRO SCIENTIFIC INDUSTRIES, INC., US  
[85] 2001-11-07  
[86] 2000-05-26 (PCT/US2000/014816)  
[87] (WO2000/073013)  
[30] US (60/136,568) 1999-05-28  
[30] US (60/175,098) 2000-01-07  
[30] US (60/193,668) 2000-03-31

---

[11] **2,374,240**  
[13] C

[51] Int.Cl. 7F02D 28/00  
[25] EN  
**ENGINE POWER BOOST CONTROL SYSTEM**  
[54] SYSTEME DE COMMANDE DE SURPUISANCE DE MOTEUR  
[72] MILLER, JAMES ANTON, US  
[72] FARR, MARVIN KENNETH, US  
[72] PIPHO, MICHAEL JOHN, US  
[72] EPHRAIM, STEPHEN RUSSELL, US  
[73] DEERE & COMPANY, US  
[22] 2002-03-01  
[30] US (09/800,848) 2001-03-06

---

[11] **2,376,424**  
[13] C

[51] Int.Cl. 7A01D 90/00 7B60P 3/22  
[25] EN  
**DUAL PURPOSE GRAIN CART**  
[54] CHARIOT A CEREALES A DOUBLE USAGE  
[72] HUNT, JEFF, CA  
[73] BOURGAULT INDUSTRIES LTD., CA  
[22] 2002-03-12

---

[11] **2,376,793**  
[13] C

[51] Int.Cl. 7A41B 9/12  
[25] EN  
**PROTECTIVE UNDERGARMENT FOR ICE SKATING SPORTS**  
[54] VETEMENT PROTECTEUR POUR LA PRATIQUE DE SPORTS EN PATINS SUR GLACE  
[72] ANGUS, ROSS M., CA  
[73] ANGUS, ROSS M., CA  
[22] 2002-03-18

---

[11] **2,378,783**  
[13] C

[51] Int.Cl. 7C10M 143/00 7C08F 210/16  
[25] EN  
**VISCOSITY MODIFIER FOR LUBRICATING OIL AND LUBRICATING OIL COMPOSITIONS**  
[54] MODIFICATEUR DE VISCOSITE POUR HUILE LUBRIFIANTE ET COMPOSITION D'HUILE LUBRIFIANTE  
[72] KANESHIGE, RYOUSUKE, JP  
[72] OKADA, KEIJI, JP  
[73] MITSUI CHEMICALS, INC., JP  
[73] THE LUBRIZOL CORPORATION, US  
[85] 2002-01-09  
[86] 2001-05-10 (PCT/JP2001/003894)  
[87] (WO2001/085880)  
[30] JP (2000-142327) 2000-05-10

---

[11] **2,379,392**  
[13] C

[51] Int.Cl. 7B62D 61/12 7B60T 17/08 7B60G 11/46  
[25] EN  
**UNDERBEAM AXLE LIFT ASSEMBLY**  
[54] ENSEMBLE DE SOULEVEMENT SUR L'ESSIEU MONTE SOUS LE BALANCIER DE SUSPENSION  
[72] RAMSEY, JOHN E., US  
[73] THE BOLER COMPANY., US  
[85] 2002-01-15  
[86] 2000-08-03 (PCT/US2000/021291)  
[87] (WO2001/012495)  
[30] US (09/375,133) 1999-08-16

---

[11] **2,379,612**  
[13] C

[51] Int.Cl. 7B62D 33/08  
[25] EN  
**RAMP-ACCOMMODATING MOVABLE SUBFRAME FOR A SEMI-TRAILER**  
[54] SOUS-CADRE REGLABLE POUR L'ADMISSION D'UNE RAMPE DANS UN SEMI-REMORQUE  
[72] HESS, TIMOTHY V., US  
[73] THE BOLER COMPANY., US  
[85] 2002-01-15  
[86] 2000-09-13 (PCT/US2000/025072)  
[87] (WO2001/023249)  
[30] US (09/405,454) 1999-09-24

---

[11] **2,384,850**  
[13] C

[51] Int.Cl. 7H04B 1/707 7G06F 17/16  
[25] EN  
**REDUCED COMPUTATION IN JOINT DETECTION**  
[54] TEMPS DE CALCUL REDUIT DANS UN SYSTEME DE DETECTION CONJOINTE  
[72] ZEIRA, ARIELA, US  
[72] MISRA, RAJ MANI, US  
[73] INTERDIGITAL TECHNOLOGY CORPORATION, US  
[85] 2002-03-11  
[86] 2000-09-14 (PCT/US2000/025241)  
[87] (WO2001/020801)  
[30] US (60/153,801) 1999-09-14

---

[11] **2,385,369**  
[13] C

[51] Int.Cl. 7A61N 5/10 7G21G 4/08 7A61K 51/12  
[25] EN  
**RADIATION SOURCE FOR ENDOVASCULAR RADIATION TREATMENT IN FORM OF A WIRE**  
[54] SOURCE DE RAYONNEMENT SOUS FORME DE CABLE POUR RADIOTHERAPIE ENDOVASCULAIRE  
[72] HUNT, DAVE, GB  
[72] MENUHR, HELMUT, DE  
[72] FRITZ, EBERHARD, DE  
[73] AEA TECHNOLOGY QSA GMBH, DE  
[85] 2002-03-19  
[86] 2000-09-13 (PCT/EP2000/008953)  
[87] (WO2001/021257)  
[30] EP (99118544.8) 1999-09-20

---

**Brevets canadiens délivrés**  
**1 fevrier 2005**

---

[11] **2,387,425**  
[13] C

[51] Int.Cl. 7B02C 7/12 7B02C 7/00 7B02C 7/02 7B02C 7/06 7B02C 7/11 7D21D 1/30  
[25] EN  
[54] **REFINER PLATES WITH INJECTOR INLET**  
[54] **PLAQUES DE RAFFINEUR DOTEES D'UNE ADMISSION D'INJECTEUR**  
[72] GINGRAS, LUC, US  
[73] DURAMETAL CORPORATION, US  
[85] 2002-04-15  
[86] 2000-11-22 (PCT/US2000/042259)  
[87] (WO2001/037998)  
[30] US (09/453,050) 1999-11-23

---

[11] **2,387,701**  
[13] C

[51] Int.Cl. 7H04N 7/12 7H04N 7/01  
[25] EN  
[54] **SYSTEM AND METHOD FOR MOTION COMPENSATION AND FRAME RATE CONVERSION**  
[54] **SYSTEME ET PROCEDE DE COMPENSATION DU MOUVEMENT ET DE CONVERSION DE LA FREQUENCE DES TRAMES**  
[72] DEMOS, GARY A., US  
[73] DOLBY LABORATORIES LICENSING CORPORATION, US  
[85] 2002-04-15  
[86] 2000-10-31 (PCT/US2000/041771)  
[87] (WO2001/035657)  
[30] US (09/435,277) 1999-11-05

---

[11] **2,389,815**  
[13] C

[51] Int.Cl. 7A45C 1/02  
[25] EN  
[54] **COIN PURSE**  
[54] **PORTE-MONNAIE**  
[72] BOYARSKI, JOSEPH LEE, CA  
[73] BOYARSKI, JOSEPH LEE, CA  
[22] 2002-06-18

---

[11] **2,391,768**  
[13] C

[51] Int.Cl. 7G06F 19/00 7G06F 17/00 7G06K 5/00 7G06K 19/00 7G06K 19/06 7G06F 17/60  
[25] EN  
[54] **SYSTEM AND METHOD FOR VERIFYING THE DELIVERY OF A MAILING AND THE MATERIAL CONTAINED WITHIN THE MAILING**  
[54] **SISTÈME ET MÉTHODE DE VÉRIFICATION DE LA DISTRIBUTION D'UN ENVOI POSTAL ET DE MATERIAU CONTENU D'UN ENVOI POSTAL**  
[72] SHAPIRO, STEVEN J., US  
[72] CRITELLI, MICHAEL J., US  
[72] REICHMAN, RONALD, US  
[73] PITNEY BOWES INC., US  
[85] 2002-02-11  
[86] 2000-08-09 (PCT/US2000/021749)  
[87] (WO2001/011535)  
[30] US (09/372,722) 1999-08-11

---

[11] **2,392,223**  
[13] C

[51] Int.Cl. 7B62M 27/00  
[25] EN  
[54] **FLOATATION AND SNOW EXCLUSION COMPONENTS FOR A SUSPENSION SYSTEM FOR A SNOWMOBILE**  
[54] **COMPOSANTS DE FLOTTaison ET D'EXCLUSION DE LA NEIGE POUR SYSTEME DE SUSPENSION D'UNE MOTONEIGE**  
[72] KANAN, RONALD C., US  
[73] KANAN, RONALD C., US  
[85] 2002-05-17  
[86] 2000-11-17 (PCT/US2000/031826)  
[87] (WO2001/049558)  
[30] US (09/443,955) 1999-11-19

---

[11] **2,392,811**  
[13] C

[51] Int.Cl. 7G01N 15/08 7B01J 2/02 7C08J 3/14 7B01J 2/18  
[25] EN  
[54] **METHOD OF PRODUCING POROUS SPHERICAL PARTICLES**  
[54] **PROCEDE DE PRODUCTION DE PARTICULES SPHERIQUES POREUSES**  
[72] ANDERSSON, RALF GORAN, SE  
[72] JONSSON, INGEMAR, SE  
[73] AMERSHAM BIOSCIENCES AKTIEBOLAG, SE  
[85] 2002-05-28  
[86] 2000-11-29 (PCT/SE2000/002358)  
[87] (WO2001/040767)  
[30] SE (9904344-0) 1999-12-01

---

[11] **2,415,410**  
[13] C

[51] Int.Cl. 7B66C 1/66 7B66C 1/10 7B60P 3/40  
[25] EN  
[54] **DEVICE FOR HANDLING UNIT LOADS**  
[54] **DISPOSITIF DE MANIEMENT DE STRUCTURES**  
[72] WOBben, Aloys, DE  
[73] WOBben, Aloys, DE  
[85] 2003-01-06  
[86] 2001-07-09 (PCT/EP2001/007896)  
[87] (WO2002/004321)  
[30] DE (100 33 238.2) 2000-07-10  
[30] DE (100 63 136.3) 2000-12-18

---

[11] **2,417,176**  
[13] C

[51] Int.Cl. 7H04N 5/913  
[25] EN  
[54] **METHOD AND APPARATUS FOR REDUCING A COPY PROTECTION PROCESS BY MODIFYING THE BLANKING LEVEL**  
[54] **METHODE AMELIOREE DE PROTECTION DES ENREGISTREMENTS VIDEO CONTRE LES DUPLICATIONS QUI INTRODUIT DES DISTORSIONS HORIZONTALES ET VERTICALES DANS LES IMAGES**  
[72] WONFOR, PETER J., US  
[72] RYAN, JOHN O., US  
[72] QUAN, RONALD, US  
[72] CORCORAN, JEREMY J., US  
[72] KNOX, ALISTAIR J., US  
[73] MACROVISION CORPORATION, US  
[22] 1994-05-09  
[62] 2,162,367  
[30] US (062,866) 1993-05-17

---

**Canadian Patents Issued  
February 1, 2005**

---

[11] **2,419,729**  
[13] C

[51] Int.Cl. 7C07H 17/08 7A61K 9/16  
**7A61K 31/7048**  
[25] EN  
[54] CRYSTAL FORM II OF CLARITHROMYCIN  
[54] FORME CRISTALLINE II DE LA CLARITHROMYCINE  
[72] LIU, JIH-HUA, US  
[72] SPANTON, STEPHEN G., US  
[72] RILEY, DAVID A., US  
[73] ABBOTT LABORATORIES, US  
[22] 1997-07-25  
[62] 2,258,606  
[30] US (08/681,723) 1996-07-29

---

[11] **2,419,866**  
[13] C

[51] Int.Cl. 7H01J 49/24 7H01J 49/36  
**7H01J 49/40**  
[25] EN  
[54] MASS SPECTROMETERS AND METHODS OF MASS SPECTROMETRY  
[54] SPECTROMETRES DE MASSE, ET METHODES DE SPECTROMETRIE DE MASSE  
[72] BATEMAN, ROBERT HAROLD, GB  
[72] GILES, KEVIN, GB  
[73] MICROMASS UK LIMITED, GB  
[22] 2001-11-29  
[62] 2,364,158  
[30] GB (0029088.2) 2000-11-29  
[30] GB (0109760.9) 2001-04-20  
[30] GB (0110149.2) 2001-04-25  
[30] GB (0120028.6) 2001-08-16

---

[11] **2,425,448**  
[13] C

[51] Int.Cl. 7E21B 19/22 7E21B 7/02  
[25] EN  
[54] DRILLING RIG APPARATUS AND DOWNHOLE TOOL ASSEMBLY SYSTEM AND METHOD  
[54] SYSTEME ET METHODE POUR APPAREILS D'INSTALLATION DE FORAGE ET OUTILS DE FOND DE TROU  
[72] CARRIERE, GENE, CA  
[72] GOLDADE, DON, CA  
[73] SAVANNA ENERGY SERVICES CORP., CA  
[22] 2003-04-15

---

[11] **2,430,786**  
[13] C

[51] Int.Cl. 7B66C 1/22 7B66C 1/62  
[25] EN  
[54] LIFTING DEVICE FOR FLYING FORM TABLE TRUSSES  
[54] DISPOSITIF DE LEVAGE DE POUTRELLES TRIANGULEES POUR PLATES-FORMES DE COFFRAGES VOLANTS  
[72] VANAGAN, PETER, CA  
[73] VANAGAN, PETER, CA  
[22] 2003-06-03  
[30] US (60/387,572) 2002-06-12

---

[11] **2,433,958**  
[13] C

[51] Int.Cl. 7A01N 25/34 7B65D 85/00  
**7A01N 25/00 7B65D 81/24 7B65D 65/46**  
[25] EN  
[54] PACKAGE FOR PESTICIDES  
[54] EMBALLAGE POUR PESTICIDES  
[72] MACCARTHY, WILLIAM JOHN, GB  
[72] EDWARDS, DAVID, GB  
[73] RHONE-POULENC AGRICULTURE LIMITED, GB  
[22] 1992-04-03  
[62] 2,107,341  
[30] GB (9107109.2) 1991-04-05  
[30] GB (9201806.8) 1992-01-28

---

[11] **2,434,275**  
[13] C

[51] Int.Cl. 7A61B 5/0476 7G06F 17/00  
[25] EN  
[54] CEREBRAL BIOPOTENTIAL ANALYSIS SYSTEM AND METHOD  
[54] SYSTEME ET METHODE D'ANALYSE DU BIOPOTENTIEL CEREBRAL  
[72] CHAMOUN, NASSIB G., US  
[72] MEAD, PETER A., US  
[72] CHIANG, HSING-HSING, US  
[72] SAINI, VIKAS, US  
[73] ASPECT MEDICAL SYSTEMS, INC., US  
[22] 1992-10-23  
[62] 2,122,032  
[30] US (07/782,636) 1991-10-25

---

[11] **2,445,030**  
[13] C

[51] Int.Cl. 7B24B 9/16 7A44C 27/00  
**7B24B 19/16**  
[25] EN  
[54] DEVICE FOR CONTROLLING GEMSTONE POLISHING ASSEMBLY MOVEMENT  
[54] DISPOSITIF DE CONTROLE DU MOUVEMENT DE POLISSAGE DE PIERRES PRECIEUSES  
[72] BOTHA, MICHIEL J., CA  
[73] BOTHA, MICHIEL J., CA  
[22] 2003-10-14

---

[11] **2,449,674**  
[13] C

[51] Int.Cl. 7D06F 95/00  
[25] EN  
[54] INSTALLATION SYSTEM FOR STACKED APPLIANCES  
[54] SYSTEME PERMETTANT DE SUPERPOSER DES APPAREILS MENAGERS  
[72] BRAUNSCHWEIG, JAMES R., US  
[72] WUNDERLICH, DANIEL F., US  
[73] MAYTAG CORPORATION, US  
[22] 1998-08-21  
[62] 2,245,440  
[30] US (08/969,682) 1997-11-13

---

[11] **2,452,389**  
[13] C

[51] Int.Cl. 7A47B 53/02  
[25] EN  
[54] CANTILEVERED PULL-OUT SHELF SYSTEM  
[54] SYSTEME A TABLETTES COULISSANTES EN SAILLIE  
[72] JANSON, STEVEN L., US  
[73] SPACESAVER CORPORATION, US  
[22] 2000-02-14  
[62] 2,298,385  
[30] US (09/265,735) 1999-03-10

---

[11] **2,453,862**  
[13] C

[51] Int.Cl. 7F21V 21/00 7F21V 21/005  
[25] EN  
[54] APPARATUS FOR DISPLAYING LIGHTING FIXTURES  
[54] SUPPORT-PRESENTOIR D'APPAREILS D'ECLAIRAGE  
[72] TORELLI, ERMANNO, CA  
[73] CONCORD METAL MANUFACTURING INC., CA  
[22] 2004-01-26

---

Brevets canadiens délivrés  
1 fevrier 2005

---

[11] **2,458,323**  
[13] C

[51] Int.Cl. 7H04R 25/00 7H04R 25/02  
[25] EN  
[54] A COMPACT MODULAR IN-THE-EAR HEARING AID  
[54] PROTHESE AUDITIVE "INTRA-AURICULAIRE" COMPACTE ET MODULAIRE  
[72] OLSEN, JOERGEN MEJNER, DK  
[73] WIDEX A/S, DK  
[22] 1998-04-08  
[62] 2,264,673  
[30] DK (0421/97) 1997-04-15

**Canadian Patents Issued  
February 1, 2005**

# Canadian Applications Open to Public Inspection

January 9, 2005 to January 15, 2005

## Demandes canadiennes mises à la disponibilité du public

9 janvier 2005 au 15 janvier 2005

---

[21] 2,432,318  
[13] A1

[51] Int.Cl. 7B65D 85/72 7B65D 1/02  
[25] EN  
[54] ALL FROZEN BOTTLED WATER  
[54] EAU EMBOUTEILLEE  
ENTIEREMENT REFRIGEREE  
[72] FERNLEY, GARRY W., CA  
[71] FERNLEY, GARRY W., CA  
[22] 2003-07-14  
[41] 2005-01-14

---

[21] 2,433,383  
[13] A1

[51] Int.Cl. 7A63J 5/12 7A63J 21/00  
[25] EN  
[54] THE HOVERMAN  
[54] DISPOSITIF DE LEVITATION  
[72] VANAMBURG, DARRYL M.R., CA  
[71] VANAMBURG, DARRYL M.R., CA  
[22] 2003-07-09  
[41] 2005-01-09

---

[21] 2,433,393  
[13] A1

[51] Int.Cl. 7A47J 37/06 7A47J 37/00  
[25] EN  
[54] THE ESELGOOD GRILL  
[54] GRIL ESELGOOD  
[72] GOODER, DARREN E., CA  
[72] ESSELTINE, DEREK S., CA  
[72] GOODER, KEVIN J., CA  
[71] GOODER, DARREN E., CA  
[71] ESSELTINE, DEREK S., CA  
[71] GOODER, KEVIN J., CA  
[22] 2003-07-09  
[41] 2005-01-09

---

---

[21] 2,433,444  
[13] A1

[51] Int.Cl. 7B66F 9/075 7B66D 1/28  
7B60P 1/54  
[25] EN  
[54] TREUIL AMOVIBLE POUR  
CHARGEUSE A BOIS  
[54] REMOVABLE HOIST FOR WOOD  
LOADER  
[72] CARON, YVON, CA  
[71] CARON, YVON, CA  
[22] 2003-07-09  
[41] 2005-01-09

---

[21] 2,433,896  
[13] A1

[51] Int.Cl. 7G06F 9/445  
[25] FR  
[54] DRIVER ODBC POUR ACOMBA  
[54] ODBC DRIVER FOR ACOMBA  
[72] DUFOUR, MARTIN, CA  
[71] DUFOUR, MARTIN, CA  
[22] 2003-07-15  
[41] 2005-01-15

---

[21] 2,433,946  
[13] A1

[51] Int.Cl. 7A63F 9/30  
[25] EN  
[54] FISH'N FUN-NEL  
[54] LANCER A LA CIBLE «FISH'N  
FUN-NEL»  
[72] GAUNE, KENNETH J.A., CA  
[71] GAUNE, KENNETH J.A., CA  
[22] 2003-07-15  
[41] 2005-01-15

---

[21] 2,433,951  
[13] A1

[51] Int.Cl. 7F03D 3/00  
[25] EN  
[54] VERTICAL AXLE WIND TURBINE  
[54] EOLIENNE A AXE VERTICAL  
[72] PEZESHK ZAD, PARVIZ, CA  
[71] PEZESHK ZAD, PARVIZ, CA  
[22] 2003-07-11  
[41] 2005-01-11

---

---

[21] 2,433,995  
[13] A1

[51] Int.Cl. 7A01K 15/02 7A63B 26/00  
7B62J 39/00  
[25] EN  
[54] CANINE BIKE EXERCISER  
[54] ATTACHE-LAISSE A MONTER  
SUR UNE BICYCLETTE POUR  
L'EXERCICE DES CHIENS  
[72] MEDINA, FROLAN ENRIQUE, CA  
[71] MEDINA, FROLAN ENRIQUE, CA  
[22] 2003-07-09  
[41] 2005-01-09

---

[21] 2,433,998  
[13] A1

[51] Int.Cl. 7G08C 19/00 7G06F 19/00  
7A61B 5/01 7A61B 5/02 7H04L 12/16  
7G06F 17/60  
[25] EN  
[54] TELECOMMUNICATION  
PERIODIC SURVEILLANCE MEDICAL  
NETWORK SYSTEM  
[54] SYSTEME DE  
TELECOMMUNICATIONS POUR  
RESEAU MEDICAL DE  
SURVEILLANCE PERIODIQUE  
[72] HURTUBISE, JEAN-DENIS, CA  
[71] TELEMEDIC, CA  
[22] 2003-07-15  
[41] 2005-01-15

---

[21] 2,434,001  
[13] A1

[51] Int.Cl. 7F01K 27/00 7F24J 2/00  
[25] EN  
[54] SOLAR-POWERED TURBINE  
[54] TURBINE SOLAIRE  
[72] LOGAN, DEAN, CA  
[71] LOGAN, DEAN, CA  
[22] 2003-07-15  
[41] 2005-01-15

---

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,434,377**  
 [13] A1

[51] Int.Cl. 7A01G 9/12  
 [25] EN  
**[54] MODULAR PLANT SUPPORT SYSTEM**  
**[54] SUPPORT MODULAIRE POUR PLANTES**  
 [72] PUSPURS, AUGUST, CA  
 [71] PUSPURS, AUGUST, CA  
 [22] 2003-07-15  
 [41] 2005-01-15

---

[21] **2,434,415**  
 [13] A1

[51] Int.Cl. 7B65D 33/16 7B65F 1/14  
**7B65D 51/24**  
 [25] EN  
**[54] ELASTIC TOPPED GARBAGE BAGS**  
**[54] SACS POUBELLES A ELASTIQUE DE FERMETURE**  
 [72] FERNLEY, GARRY W., CA  
 [71] FERNLEY, GARRY W., CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,434,417**  
 [13] A1

[51] Int.Cl. 7B65D 1/20 7B65D 1/12  
 [25] EN  
**[54] BEVERAGE CAN**  
**[54] CANNETTE**  
 [72] HOKANSON, DARREN, CA  
 [71] HOKANSON, DARREN, CA  
 [22] 2003-07-09  
 [41] 2005-01-09

---

[21] **2,434,640**  
 [13] A1

[51] Int.Cl. 7A01G 23/00 7A01M 21/02  
 [25] FR  
**[54] TETE HYBRIDE DE BROYAGE ET DE DECHIQUETAGE**  
**[54] HYBRID HEAD FOR GRINDING AND SHREDDING**  
 [72] MORENCY, JIMMY, CA  
 [71] LES EQUIPEMENTS NOKAMIC INC., CA  
 [22] 2003-07-10  
 [41] 2005-01-10

---

[21] **2,434,689**  
 [13] A1

[51] Int.Cl. 7F21S 4/00 7F21V 3/00 7F21V 23/00  
 [25] EN  
**[54] STRIP LIGHTING SYSTEM INCORPORATING LIGHT EMITTING DEVICES**  
**[54] APPAREIL D'ECLAIRAGE DE FORME ALLONGEE COMPRENANT DES DISPOSITIFS ELECTROLUMINESCENTS**  
 [72] WESTON, ADRIAN, CA  
 [72] KAN, PETER, CA  
 [71] TIR SYSTEMS LTD., CA  
 [22] 2003-07-09  
 [41] 2005-01-09

---

[21] **2,434,801**  
 [13] A1

[51] Int.Cl. 7E21B 33/04  
 [25] EN  
**[54] ADAPTERS FOR DOUBLE-LOCKING CASING MANDREL AND METHOD OF USING SAME**  
**[54] ADAPTATEURS POUR MANDRIN DE TUBAGE A DOUBLE VERROUILLAGE ET METHODE D'UTILISATION**  
 [72] MCGUIRE, BOB, US  
 [72] DALLAS, MURRAY L., US  
 [71] MCGUIRE, BOB, US  
 [71] DALLAS, MURRAY L., US  
 [22] 2003-07-09  
 [41] 2005-01-09

---

[21] **2,434,819**  
 [13] A1

[51] Int.Cl. 7B25H 3/02  
 [25] EN  
**[54] TOOL CASE**  
**[54] COFFRE A OUTILS**  
 [72] CHANG, YEH-CHING, XX  
 [71] CHANG, YEH-CHING, XX  
 [22] 2003-07-09  
 [41] 2005-01-09

---

[21] **2,434,820**  
 [13] A1

[51] Int.Cl. 7G06F 17/60  
 [25] EN  
**[54] OPERATION OF MARKET FOR USED MOTOR VEHICLES**  
**[54] EXPLOITATION D'UN MARCHE DE VEHICULES AUTOMOBILES USAGES**  
 [72] RATNAYAKE, CHAND, CA  
 [71] RATNAYAKE, CHAND, CA  
 [22] 2003-07-09  
 [41] 2005-01-09

---

[21] **2,434,832**  
 [13] A1

[51] Int.Cl. 7B65H 3/08 7B65H 3/42  
 [25] EN  
**[54] ROTARY OBJECT FEEDER**  
**[54] DISTRIBUTEUR D'OBJETS ROTATIF**  
 [72] MATHIJSSSEN, ALBERTUS THEODORUS ANTHONIUS, NL  
 [72] AMMERLAAN, STEPHAN WILLEM ANTHONIUS, NL  
 [72] SPADAFORA, TONY, CA  
 [72] BACLIJA, PETAR, ZZ  
 [72] GUTTINGER, PETER, ZZ  
 [71] LANGEN PACKAGING INC., CA  
 [22] 2003-07-09  
 [41] 2005-01-09

---

[21] **2,434,865**  
 [13] A1

[51] Int.Cl. 7E21B 33/04 7E21B 33/129  
 [25] EN  
**[54] APPARATUS FOR USE IN SETTLING SLIPS ON A DRILL RIG**  
**[54] APPAREIL POUR LA MISE EN PLACE DE COINS DE RETENUE SUR UNE INSTALLATION DE FORAGE**  
 [72] PETERSON, WAYNE, CA  
 [71] PETERSON, WAYNE, CA  
 [22] 2003-07-10  
 [41] 2005-01-10

---

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,434,873**  
[13] A1

[51] Int.Cl. 7B60P 1/04  
[25] EN  
[54] UNDER BODY HOIST BODY PROP SECURITY MECHANISM FOR DUMP TRUCKS  
[54] MECANISME DE SUPPORT DE SECURITE POUR LEVEUR DE BENNE BASCULANTE DE CAMION A BENNE  
[72] NOEL, GERARD, CA  
[71] LES ATELIERS BEAU-ROC INC., CA  
[22] 2003-07-10  
[41] 2005-01-10

---

[21] **2,434,903**  
[13] A1

[51] Int.Cl. 7G09B 9/00  
[25] EN  
[54] SIMULATOR AND METHOD FOR PERFORMING UNDERWATER SUBMARINE ESCAPE TRAINING  
[54] SIMULATEUR ET METHODE D'ENTRAINEMENT SOUS L'EAU A L'EVACUATION D'UN SOUS-MARIN  
[72] GARAND, LUC, CA  
[72] GOULET, JEAN-FRANCOIS, CA  
[72] LANGEVIN, AUREM, CA  
[72] HEBERT, LOUIS, CA  
[71] INNOVATION MARITIME, CA  
[22] 2003-07-09  
[41] 2005-01-09

---

[21] **2,434,909**  
[13] A1

[51] Int.Cl. 7A63B 21/06 7A61H 15/00  
7A63B 23/16  
[25] EN  
[54] ROTATABLE HAND EXERCISER  
[54] EXERCISEUR ROTATIF POUR LES MAINS  
[72] CHU, YUAN-HSING, XX  
[72] YU, HUI-NAN, XX  
[71] CHU, YUAN-HSING, XX  
[71] YU, HUI-NAN, XX  
[22] 2003-07-10  
[41] 2005-01-10

---

[21] **2,434,954**  
[13] A1

[51] Int.Cl. 7E04F 15/024  
[25] EN  
[54] TOP LEVELLED PEDESTAL  
[54] PILIER DE MISE A NIVEAU DE PANNEAU DE PLANCHE  
[72] MEAD, BRUCE, CA  
[71] ASM MODULAR SYSTEMS LTD., CA  
[22] 2003-07-10  
[41] 2005-01-10

---

[21] **2,434,981**  
[13] A1

[51] Int.Cl. 7A01D 47/00 7A01D 41/06  
[25] EN  
[54] CROP FEED DRAPER FOR A HEADER  
[54] TABLIER POUR TETE DE COUPE  
[72] DUNN, JAMES THOMAS, CA  
[71] MACDON INDUSTRIES LTD., CA  
[22] 2003-07-11  
[41] 2005-01-11

---

[21] **2,434,986**  
[13] A1

[51] Int.Cl. 7C23F 13/04 7G01N 17/02  
7C23F 13/06 7G01N 33/20  
[25] EN  
[54] METHOD AND APPARATUS FOR INSTRUMENTAL ANALYSIS IN REMOTE LOCATIONS  
[54] METHODE ET APPAREIL D'ANALYSE INSTRUMENTALE A DES EMPLACEMENTS ELOIGNES  
[72] STENEKES, MURRAY D., CA  
[72] RUSSELL, GORDON I., CA  
[71] G.I. RUSSELL & COMPANY LTD., CA  
[22] 2003-07-11  
[41] 2005-01-11

---

[21] **2,435,015**  
[13] A1

[51] Int.Cl. 7B65H 75/16  
[25] EN  
[54] STORAGE DEVICE FOR COILED ARTICLES  
[54] DISPOSITIF DE RANGEMENT POUR ARTICLES ENROULES  
[72] THIESSEN, KEITH, CA  
[71] THIESSEN, KEITH, CA  
[22] 2003-07-11  
[41] 2005-01-11

---

[21] **2,435,024**  
[13] A1

[51] Int.Cl. 7A01K 39/01  
[25] EN  
[54] BIRD FEEDER  
[54] MANGEOIRE POUR OISEAUX  
[72] PARK, HONG KU, US  
[71] PARK, HONG KU, US  
[22] 2003-07-11  
[41] 2005-01-11

---

[21] **2,435,033**  
[13] A1

[51] Int.Cl. 7A61L 2/12 7A23L 3/01 7A61L 2/20 7A23L 3/3409  
[25] EN  
[54] APPARATUS AND METHOD FOR DESTROYING PRIONS WITH A COMBINATION OF MICROWAVES AND OZONE  
[54] APPAREIL ET METHODE DE DESTRUCTION DES PRIONS A L'AIDE D'UNE COMBINAISON DE MICRO-ONDES ET D'OZONE  
[72] KLAPTCHUK, PETER, CA  
[71] KLAPTCHUK, PETER, CA  
[22] 2003-07-15  
[41] 2005-01-15

---

[21] **2,435,042**  
[13] A1

[51] Int.Cl. 7A01K 1/00 7E04B 1/00  
7A01K 1/015  
[25] EN  
[54] CAT OUTHOUSE AND METHOD FOR USING SAME  
[54] NICHE POUR CHAT ET METHODE D'UTILISATION  
[72] PERELLI, JACK ALDON, US  
[72] PERELLI, FERN ELOUISE, US  
[71] PERELLI, JACK ALDON, US  
[71] PERELLI, FERN ELOUISE, US  
[22] 2003-07-11  
[41] 2005-01-11

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,435,053**  
 [13] A1  
 [51] Int.Cl. 7A23L 1/164 7A23P 1/00  
**7A23L 1/10**  
 [25] EN  
**[54] PROCESSED BARLEY FOOD PRODUCTS**  
**[54] PRODUITS ALIMENTAIRES A BASE D'ORGE TRANSFORMEE**  
 [72] RHYMER, CAMILLE, CA  
 [72] AMES, NANCY, CA  
 [71] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA, CA  
 [22] 2003-07-11  
 [41] 2005-01-11

---

[21] **2,435,064**  
 [13] A1  
 [51] Int.Cl. 7B09C 1/08  
 [25] EN  
**[54] HYDROCARBON REMEDIATION PROCESS AND APPARATUS**  
**[54] PROCEDE ET APPAREIL D'ASSAINISSEMENT DE SOLS CONTAMINES AUX HYDROCARBURES**  
 [72] CLARK, DEREK, CA  
 [71] CLARK, DEREK, CA  
 [22] 2003-07-11  
 [41] 2005-01-11

---

[21] **2,435,076**  
 [13] A1  
 [51] Int.Cl. 7B62B 9/00  
 [25] EN  
**[54] STROLLER WITH AN ADJUSTABLE BACKREST**  
**[54] POUSETTE A DOSSIER REGLABLE**  
 [72] LAN, RED, XX  
 [71] LAN, RED, XX  
 [22] 2003-07-11  
 [41] 2005-01-11

---

[21] **2,435,079**  
 [13] A1  
 [51] Int.Cl. 7H04Q 7/36 7H04Q 7/38  
 [25] EN  
**[54] MOBILE DIRECTORY ASSISTANCE SYSTEM AND METHOD**  
**[54] SYSTEME ET METHODE D'ASSISTANCE-ANNUAIRE MOBILE**  
 [72] KRAVICE, MARLA, CA  
 [71] FIREFLY LOCATOR INC., CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,435,113**  
 [13] A1  
 [51] Int.Cl. 7B01D 17/04 7C10G 33/00  
 [25] EN  
**[54] PROCESS FOR TREATING HEAVY OIL EMULSIONS USING A LIGHT ALIPHATIC SOLVENT-NAPHTA MIXTURE**  
**[54] PROCEDE DE TRAITEMENT D'EMULSIONS D'HUILES LOURDES AU MOYEN D'UN MELANGE DE NAPHTA ET D'HYDROCARBURE ALIPHATIQUE LEGER**  
 [72] LONG, YICHENG, CA  
 [72] WALKER, ANTON, CA  
 [72] DABROS, TADEUSZ, CA  
 [72] JIANMIN, KAN, CA  
 [71] HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA  
 [71] SUNCOR ENERGY INC., CA  
 [22] 2003-07-11  
 [41] 2005-01-11

---

[21] **2,435,122**  
 [13] A1  
 [51] Int.Cl. 7A61F 9/02 7A63B 33/00  
 [25] EN  
**[54] GOGGLES**  
**[54] LUNETTES DE SECURITE**  
 [72] CHEN, CHIN-JEN, XX  
 [71] CHEN, CHIN-JEN, TW  
 [22] 2003-07-15  
 [41] 2005-01-15

---

[21] **2,435,129**  
 [13] A1  
 [51] Int.Cl. 7C08L 23/12 7C08L 51/00  
 [25] EN  
**[54] CELLULOSE FILLED THERMOPLASTIC COMPOSITES**  
**[54] COMPOSITES THERMOPLASTIQUES CHARGES DE CELLULOSE**  
 [72] TON-THAT, MINH-TAN, CA  
 [72] PERRIN-SARAZIN, FLORENCE, CA  
 [72] DENAULT, JOHANNE, CA  
 [71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
 [22] 2003-07-11  
 [41] 2005-01-11

---

[21] **2,435,134**  
 [13] A1  
 [51] Int.Cl. 7A47F 5/16 7G09F 5/00  
 [25] EN  
**[54] DISPLAY STAND WITH FOLDABLE SELF ERECTING SUPPORTING BASE**  
**[54] PRESENTOIR AVEC BASE SUPPORT AUTODEPLIABLE**  
 [72] MINISTER, DAVID BRIAN, CA  
 [72] MOSS, GEOFFREY ALAN, CA  
 [71] MINISTER, DAVID BRIAN, CA  
 [71] MOSS, GEOFFREY ALAN, CA  
 [22] 2003-07-10  
 [41] 2005-01-10

---

[21] **2,435,136**  
 [13] A1  
 [51] Int.Cl. 7A61K 39/395 7A01K 67/00  
**7A61P 25/00 7C12Q 1/00 7C12Q 1/02**  
**7A61K 38/10 7A61K 38/16 7A61K 38/27**  
**7G01N 33/58**  
 [25] EN  
**[54] REDUCING POLYGLUTAMINE-BASED AGGREGATION**  
**[54] REDUCTION D'AGREGATS A BASE DE POLYGLUTAMINE**  
 [72] MORLEY, JAMES F., US  
 [72] MORIMOTO, RICHARD I., US  
 [71] NORTHWESTERN UNIVERSITY, US  
 [22] 2003-07-15  
 [41] 2005-01-15

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,435,144**  
 [13] A1

[51] Int.Cl. 7A01G 9/10  
 [25] EN  
 [54] TOP DRESSING FOR SEEDLING CONTAINERS  
 [54] RECOUVREMENT GRANULAIRE POUR CONTENANT DE SEMIS  
 [72] MCCARTHY, R. GRANT, CA  
 [71] BEAVER PLASTICS LTD., CA  
 [22] 2003-07-15  
 [41] 2005-01-15

---

[21] **2,435,145**  
 [13] A1

[51] Int.Cl. 7B25G 1/10 7A63B 49/08  
 [25] EN  
 [54] SQUEEZE ACTUATED HAND INTERFACE SYSTEMS FOR ROTATABLE ITEMS  
 [54] SYSTEMES D'INTERFACE MAIN-POIGNEE ACTIONNES PAR COMPRESSION, POUR ARTICLES NECESSITANT UNE ACTION DE ROTATION  
 [72] KENNER, ALLEN, D., US  
 [71] KENNER, ALLEN, D., US  
 [22] 2003-07-15  
 [41] 2005-01-15

---

[21] **2,435,148**  
 [13] A1

[51] Int.Cl. 7G06F 15/167 7G06F 12/14  
 7G06F 13/18 7G06F 9/22 7G06F 9/52  
 [25] EN  
 [54] SYSTEM AND METHOD FOR LOCK CACHING FOR COMPOUND ATOMIC OPERATIONS ON SHARED MEMORY  
 [54] SYSTEME ET METHODE DE MISE EN CACHE DES VERROUILLAGES POUR DES OPERATIONS ATOMIQUES INTERCONNECTEES EN MEMOIRE PARTAGEE  
 [72] BLAINY, ROBERT J., CA  
 [72] SILVERA, RAUL E., CA  
 [71] IBM CANADA LIMITED - IBM CANADA LIMITEE, CA  
 [22] 2003-07-15  
 [41] 2005-01-15

---

[21] **2,435,190**  
 [13] A1

[51] Int.Cl. 7A61N 5/00  
 [25] EN  
 [54] PHANTOM FOR EVALUATING NONDOSIMETRIC FUNCTIONS IN A MULTI-LEAF COLLIMATED RADIATION TREATMENT PLANNING SYSTEM  
 [54] FANTOME POUR EVALUER DES FONCTIONS NON DOSIMETRIQUES D'UN SYSTEME DE PLANIFICATION A PLUSIEURS FEUILLES DE TRAITEMENT AVEC UN RAYONNEMENT COLLIMATE [72] VAN DYK, JAKE, CA  
 [72] MCNIVEN, ANDREA LEIGH, CA  
 [71] CANCER CARE ONTARIO, CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,435,197**  
 [13] A1

[51] Int.Cl. 7A41F 3/00  
 [25] EN  
 [54] SUSPENDERS  
 [54] BRETELLES  
 [72] HALL, DAVID R., US  
 [71] HALL, DAVID R., US  
 [22] 2003-07-15  
 [41] 2005-01-15

---

[21] **2,435,198**  
 [13] A1

[51] Int.Cl. 7F02B 51/06  
 [25] EN  
 [54] METHOD AND APPARATUS FOR INHIBITING THE FORMATION OF OXIDES OR NITROGEN  
 [54] METHODE ET APPAREIL POUR INHIBER LA FORMATION D'OXYDES D'AZOTE  
 [72] CHATO, JOHN D., CA  
 [71] CHATO, JOHN D., CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,435,202**  
 [13] A1

[51] Int.Cl. 7B65D 5/4805 7B65D 25/00  
 7B65F 1/14  
 [25] EN  
 [54] DISPOSABLE TISSUES IN CARS  
 [54] MOUCHOIRS DE PAPIER JETABLES POUR L'AUTOMOBILE  
 [72] CAMPITELLI, WILLIAM A., CA  
 [71] CAMPITELLI, WILLIAM A., CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,435,222**  
 [13] A1

[51] Int.Cl. 7G09B 9/04 7B61L 27/00  
 [25] EN  
 [54] REMOTE CONTROL LOCOMOTIVE SIMULATOR  
 [54] SIMULATEUR DE LOCOMOTIVE TELECOMMANDEE  
 [72] HAWTHORNE, MICHAEL J., US  
 [72] FOSTER, C. MACKAY, US  
 [72] FLYNN, DANNY D., US  
 [71] NEW YORK AIR BRAKE CORPORATION, US  
 [22] 2003-07-11  
 [41] 2005-01-11

---

[21] **2,435,228**  
 [13] A1

[51] Int.Cl. 7E03C 1/04  
 [25] EN  
 [54] MULTIPLE TIER LAVATORY DECK  
 [54] LAVABOS A HAUTEUR REGLABLE  
 [72] LOBERGER, JOHN M., US  
 [72] ROLAND, DAVID H., US  
 [71] BRADLEY FIXTURES CORPORATION, US  
 [22] 2003-07-11  
 [41] 2005-01-11

---

[21] **2,435,236**  
 [13] A1

[51] Int.Cl. 7G07F 17/32 7G06F 17/60  
 [25] EN  
 [54] ENTRANCE-EXCHANGE STRUCTURE AND METHOD  
 [54] STRUCTURE D'ENTREE-ECHANGE ET METHODE DE FONCTIONNEMENT  
 [72] RANIERE, KEITH A., US  
 [71] FIRST PRINCIPLES, INC., US  
 [22] 2003-07-11  
 [41] 2005-01-11

---

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,435,238**  
 [13] A1

[51] Int.Cl. 7F02M 23/04  
 [25] EN  
 [54] AIR PULSATOR VALVE  
 [54] SOUPAPE A IMPULSION D'AIR  
 [72] PRINCE, ROBERT J., CA  
 [71] PRINCE, ROBERT J., CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,436,100**  
 [13] A1

[51] Int.Cl. 7B62B 7/06  
 [25] EN  
 [54] CARRIER FOLDING AND LATCH SYSTEM  
 [54] SYSTEME DE REPLIAGE ET DE VERROUILLAGE DE SUPPORT  
 [72] ASSAF, IMAD, CA  
 [72] BRITTON, DANIEL WILLIAM, CA  
 [71] 634182 ALBERTA LTD., CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,436,292**  
 [13] A1

[51] Int.Cl. 7B65D 1/40 7B65D 25/00  
 [25] EN  
 [54] CONTAINER  
 [54] CONTENANT  
 [72] D'AMATO, GIANFRANCO, IT  
 [71] SEDA S.P.A., IT  
 [22] 2003-07-30  
 [41] 2005-01-10  
 [30] DE (20310622.9) 2003-07-10

---

[21] **2,435,478**

[13] A1

[51] Int.Cl. 7E05B 47/00 7E05B 65/00  
 [25] EN  
 [54] OVERHEAD DOOR LOCK SYSTEM AND CONTROL UNIT THEREFOR  
 [54] SYSTEME DE VERROUILLAGE DE PORTE BASCULANTE ET BLOC DE COMMANDE CONNEXE  
 [72] SHOEMAKER, RODNEY, US  
 [71] SHOEMAKER, RODNEY, US  
 [22] 2003-07-10  
 [41] 2005-01-10

---

[21] **2,436,104**  
 [13] A1

[51] Int.Cl. 7C12N 7/00 7C12Q 1/02  
 7C12N 5/10 7A61K 39/29 7C12Q 1/70  
 [25] EN  
 [54] METHOD FOR INDUCING HEPATITIS C VIRUS (HCV) REPLICATION IN VITRO, CELLS AND CELL LINES ENABLING ROBUST HCV REPLICATION AND KIT THEREFOR  
 [54] METHODE D'INDUCTION DE LA REPRODUCTION IN VITRO DU VIRUS DE L'HEPATITE C (VHC), CELLULES ET LIGNEES CELLULAIRES PERMETTANT LA REPRODUCTION FIDELE DU VHC ET TROSSE CONNEXE  
 [72] SONENBERG, NAHUM, CA  
 [72] LOPEZ-LASTRA, MARCELO, CA  
 [71] MCGILL UNIVERSITY, CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,436,297**  
 [13] A1

[51] Int.Cl. 7B65D 30/08 7B65D 33/00  
 [25] EN  
 [54] COLLAPSIBLE CONTAINER  
 [54] CONTENANT PLIANT  
 [72] D'AMATO, GIANFRANCO, IT  
 [71] SEDA S.P.A., IT  
 [22] 2003-07-30  
 [41] 2005-01-10  
 [30] DE (20310623.7) 2003-07-10

---

[21] **2,435,774**

[13] A1

[51] Int.Cl. 7A47G 1/06  
 [25] EN  
 [54] CARDHOLDER FOR PICTURE FRAME  
 [54] PRESSE-CARTE POUR ENCADREMENT  
 [72] GENTRY, MARY E., US  
 [71] HALLMARK CARDS, INCORPORATED, US  
 [22] 2003-07-22  
 [41] 2005-01-11  
 [30] US (10/617,851) 2003-07-11

---

[21] **2,436,114**  
 [13] A1

[51] Int.Cl. 7B22D 21/04 7B22D 17/00  
 [25] EN  
 [54] METHOD AND APPARATUS FOR PREHEATING AND DISTRIBUTING INGOTS  
 [54] METHODE ET DISPOSITIF DE PRECHAUFFAGE ET DE DISTRIBUTION DE LINGOTS  
 [72] BOWMAN, DAVID, CA  
 [71] BOWMAN, DAVID, CA  
 [22] 2003-07-14  
 [41] 2005-01-14

---

[21] **2,448,367**  
 [13] A1

[51] Int.Cl. 7E06B 11/00 7G07C 9/02  
 7G07F 7/12  
 [25] EN  
 [54] METHOD AND SYSTEM FOR PROVIDING PERIMETER SECURITY  
 [54] METHODE ET SYSTEME D'INSTAURATION DE PERIMETRE DE SECURITE  
 [72] GRILLIOT, MARY I., US  
 [72] GRILLIOT, WILLIAM L., US  
 [71] MORNING PRIDE MANUFACTURING, L.L.C., US  
 [22] 2003-11-03  
 [41] 2005-01-14  
 [30] US (10/619,161) 2003-07-14

---

[21] **2,436,055**  
 [13] A1

[51] Int.Cl. 7E05B 17/20  
 [25] EN  
 [54] SECURITY DEVICE FOR A DOOR  
 [54] DISPOSITIF DE SURETE POUR PORTE  
 [72] GRIFFIN, JAMES PATRICK, JR., CA  
 [71] GRIFFIN, JAMES PATRICK, JR., CA  
 [22] 2003-07-28  
 [41] 2005-01-14  
 [30] US (10/619,154) 2003-07-14

---

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,449,351**  
[13] A1

[51] Int.Cl. 7A61B 19/00 7A61B 17/00  
7G01B 11/26  
[25] EN  
[54] POSITION MEASURING APPARATUS  
[54] APPAREIL DE MESURE DU POSITIONNEMENT  
[72] OCHI, TAKAHIRO, JP  
[72] YONENOBU, KAZUO, JP  
[72] SUGIURA, MADOKA, JP  
[72] NAKAJIMA, YOSHIKAZU, JP  
[72] SATO, YOSHINOBU, JP  
[72] SASAMA, TOSHIHIKO, JP  
[72] DOHI, TAKEYOSHI, JP  
[72] SAKUMA, ICHIRO, JP  
[72] MOMOI, YASUYUKI, JP  
[72] SUGANO, NOBUHIKO, JP  
[71] HITACHI, LTD., JP  
[22] 2003-11-14  
[41] 2005-01-14  
[30] JP (2003-196181) 2003-07-14

---

[21] **2,450,326**  
[13] A1

[51] Int.Cl. 7G07C 1/32 7E05B 43/00  
7E05B 47/00  
[25] EN  
[54] CLOSURE SECURITY SEAL WITH TIME-RECORDING FEATURE  
[54] INDICATEUR D'EFFRACTION AVEC DISPOSITIF D'ENREGISTREMENT DU TEMPS POUR VERROUILLAGE DE SECURITE  
[72] HILL, JAMES W., US  
[72] AUGSPURGER, QUENT, US  
[71] HILL, JAMES W., US  
[22] 2003-11-20  
[41] 2005-01-15  
[30] US (10/620,751) 2003-07-15

---

[21] **2,453,879**  
[13] A1

[51] Int.Cl. 7B23K 37/00 7B23K 9/095  
7B23K 9/12 7B23K 9/24 7B23K 11/25  
[25] EN  
[54] WELDING WIRE POSITIONING SYSTEM  
[54] SYSTEME DE POSITIONNEMENT D'UN FIL-ELECTRODE  
[72] HSU, CHRISTOPHER, US  
[72] BARTON, DAVID J., US  
[72] BLANKENSHIP, GEORGE D., US  
[72] STAVA, ELLIOTT K., US  
[72] KLEIN, JEFFREY R., US  
[71] LINCOLN GLOBAL, INC., US  
[22] 2003-12-18  
[41] 2005-01-09  
[30] US (10/616,397) 2003-07-09

---

[21] **2,453,958**  
[13] A1

[51] Int.Cl. 7A01K 97/04 7A23K 1/18  
[25] EN  
[54] LONG-LASTING CRUSTACEAN BAIT FOR USE IN TRAPS AND METHOD OF MAKING THE SAME  
[54] APPAT DE LONGUE DUREE POUR PIEGES A CRUSTACES ET METHODE DE FABRICATION  
[72] TEUNE, RICKY J., US  
[72] MEYER, JOHN M., JR., US  
[72] DUTKOWSKI, STEPHANIE A., US  
[72] GARRITY, ROBERT A., US  
[71] ANAMAX CORPORATION, US  
[22] 2003-12-18  
[41] 2005-01-14  
[30] US (10/619,044) 2003-07-14

---

[21] **2,454,325**  
[13] A1

[51] Int.Cl. 7A47F 7/00 7A47F 13/00  
7A47F 5/08  
[25] EN  
[54] SLATWALL HANGER STABILIZING CLIP  
[54] PINCE DE STABILISATION D'ETRIER DE PANNEAU DE LATTES  
[72] FISCHER, JAMES R., US  
[72] FISCHER, GREG R., US  
[71] JIFRAM EXTRUSIONS, INC., US  
[22] 2003-12-29  
[41] 2005-01-11  
[30] US (10/617,914) 2003-07-11

---

[21] **2,454,450**  
[13] A1

[51] Int.Cl. 7B60S 1/08  
[25] EN  
[54] WINDSHIELD WIPER SYSTEM ACTIVATED BY SENSING RAINWATER  
[54] ESSUIE-GLACE ACTIONNE PAR DETECTION DE L'EAU DE PLUIE  
[72] KIM, ILL-SOO, KR  
[71] HYUNDAI MOTOR COMPANY, KR  
[22] 2003-12-24  
[41] 2005-01-10  
[30] KR (10-2003-0046691) 2003-07-10

---

[21] **2,454,540**  
[13] A1

[51] Int.Cl. 7C12N 7/00 7A61K 45/00  
7C12M 3/00 7C12Q 1/02 7A61K 39/29  
7C12Q 1/70  
[25] EN  
[54] METHOD FOR INDUCING HEPATITIS C VIRUS (HCV) REPLICATION IN VITRO, CELLS AND CELL LINES ENABLING ROBUST HCV REPLICATION AND KIT THEREOF  
[54] METHODE D'INDUCTION DE LA REPRODUCTION IN VITRO DU VIRUS DE L'HEPATITE C (VHC), CELLULES ET LIGNEES CELLULAIRES PERMETTANT LA REPRODUCTION FIDELE DU VHC ET TROUSSE CONNEXE  
[72] LOPEZ-LASTRA, MARCELO, CA  
[72] SONENBERG, NAHUM, CA  
[71] MCGILL UNIVERSITY, CA  
[22] 2004-02-06  
[41] 2005-01-14  
[30] CA (2,436,104) 2003-07-14

---

[21] **2,457,302**  
[13] A1

[51] Int.Cl. 7H01M 8/04  
[25] EN  
[54] FUEL CELL ASSEMBLY  
[54] MONTAGE DE PILES A COMBUSTIBLE  
[72] CHAMPION, DAVID, US  
[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US  
[22] 2004-02-11  
[41] 2005-01-15  
[30] US (10/620,910) 2003-07-15

---

[21] **2,460,287**  
[13] A1

[51] Int.Cl. 7B42D 15/08  
[25] EN  
[54] DOUBLE POSTCARD PRESSURE SEAL FORM CONSTRUCTION  
[54] DOUBLE CARTE POSTALE ASSEMBLEE PAR ADHESIF A PRESSION  
[72] BETHKE, DARVIN RICHARD, US  
[71] MOORE WALLACE NORTH AMERICA, INC., US  
[22] 2004-03-09  
[41] 2005-01-09  
[30] US (10/614,898) 2003-07-09

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,461,057**  
 [13] A1  
 [51] Int.Cl. 7B65D 25/22 7B65D 83/08  
 7A47K 10/42 7B65D 25/52  
 [25] EN  
**[54] HOLDER FOR A DISPENSER PACKAGE**  
**[54] SUPPORT POUR PAQUET DISTRIBUTEUR**  
 [72] JULIUS, ROBERT, US  
 [71] NICE-PAK PRODUCTS, INC., US  
 [22] 2004-03-09  
 [41] 2005-01-11  
 [30] US (10/618,332) 2003-07-11

---

[21] **2,462,249**  
 [13] A1  
 [51] Int.Cl. 7B65D 5/36 7B65D 5/18  
 [25] EN  
**[54] BOX FLAP LOCKING SYSTEM**  
**[54] SYSTEME DE VERROUILLAGE DE RABAT DE BOITE**  
 [72] WEST, THOMAS, US  
 [71] NORAMPAC SCHENECTADY, INC., US  
 [22] 2004-03-29  
 [41] 2005-01-15  
 [30] US (60/487,353) 2003-07-15  
 [30] US (UNKNOWN) 2004-03-15

---

[21] **2,462,464**  
 [13] A1  
 [51] Int.Cl. 7H01F 27/28 7B23K 9/10  
 [25] EN  
**[54] TRANSFORMER MODULE FOR A WELDER**  
**[54] MODULE TRANSFORMATEUR POUR SOUDEUSE**  
 [72] DODGE, ROBERT L., US  
 [72] KOOKEN, TODD E., US  
 [71] LINCOLN GLOBAL, INC., US  
 [22] 2004-03-30  
 [41] 2005-01-11  
 [30] US (10/617,236) 2003-07-11

---

[21] **2,461,590**  
 [13] A1  
 [51] Int.Cl. 7B23K 9/10 7H02M 3/28  
 [25] EN  
**[54] POWER SOURCE WITH SATURABLE REACTOR**  
**[54] SOURCE D'ELECTRICITE AVEC BOBINE A NOYAU SATURABLE**  
 [72] DODGE, ROBERT L., US  
 [72] LUO, LIFENG, US  
 [72] BLANKENSHIP, GEORGE D., US  
 [71] LINCOLN GLOBAL, INC., US  
 [22] 2004-03-22  
 [41] 2005-01-11  
 [30] US (10/617,120) 2003-07-11

---

[21] **2,462,316**  
 [13] A1  
 [51] Int.Cl. 7H04L 12/54 7H04M 11/06  
 [25] EN  
**[54] INSTANT MESSAGING TO AND FROM PBX STATIONS**  
**[54] STATIONS PBX PERMETTANT LA RECEPTION ET L'ENVOI DE MESSAGES ELECTRONIQUES**  
 [72] CHAVEZ, DAVID L., US  
 [72] HASERODT, KURT H., US  
 [72] CRIPPS, KEVIN S., US  
 [71] AVAYA TECHNOLOGY CORP., US  
 [22] 2004-03-26  
 [41] 2005-01-14  
 [30] US (10/619,636) 2003-07-14

---

[21] **2,461,802**  
 [13] A1  
 [51] Int.Cl. 7E06B 7/16 7E06B 3/24 7E06B 3/66  
 [25] EN  
**[54] METHOD AND APPARATUS FOR SEALING A FENESTRATION FRAME**  
**[54] METHODE ET DISPOSITIF DE SCELLEMENT DE CADRE DE FENESTRAGE**  
 [72] MINTER, MEARL J., US  
 [72] BERNHAGEN, TODD A., US  
 [72] PACE, BRANDON N., US  
 [71] PELLA CORPORATION, US  
 [22] 2004-03-24  
 [41] 2005-01-10  
 [30] US (10/616,806) 2003-07-10

---

[21] **2,462,366**  
 [13] A1  
 [51] Int.Cl. 7E05B 65/08 7E05C 7/00  
 [25] EN  
**[54] IMPROVED WINDOW SASH CORNER LOCK**  
**[54] VERROU DE COIN POUR CHASSIS DE FENETRE AMELIORE**  
 [72] MINTER, MEARL J., US  
 [72] PACE, BRANDON N., US  
 [72] BERNHAGEN, TODD A., US  
 [71] PELLA CORPORATION, US  
 [22] 2004-03-24  
 [41] 2005-01-10  
 [30] US (10/616,807) 2003-07-10

---

[21] **2,463,018**  
 [13] A1  
 [51] Int.Cl. 7B65D 81/05  
 [25] EN  
**[54] DUNNAGE**  
**[54] ELEMENTS DE FARDAGE**  
 [72] KALTZ, THOMAS RICHARD, JR., US  
 [72] LUCAS, DONNA LOU, US  
 [71] CARROLL PACKAGING, US  
 [22] 2004-04-01  
 [41] 2005-01-15  
 [30] US (10/619,666) 2003-07-15

---

[21] **2,463,208**  
 [13] A1  
 [51] Int.Cl. 7E06B 9/08 7E06B 9/58  
 [25] EN  
**[54] ROLL-UP FLEXIBLE DOOR AND GUIDES THEREFOR**  
**[54] PORTE RIDEAU SOUPLE ET GUIDES CONNEXES**  
 [72] JERRY, CRAIG JOHN, CA  
 [71] TNR INDUSTRIAL DOORS INC., CA  
 [22] 2004-04-02  
 [41] 2005-01-10  
 [30] US (60/485,721) 2003-07-10  
 [30] CA (2,446,648) 2003-10-24  
 [30] US (10/813,711) 2004-03-31

---

[21] **2,463,355**  
 [13] A1  
 [51] Int.Cl. 7A47J 36/06  
 [25] EN  
**[54] ADJUSTABLE COVER**  
**[54] COUVERCLE REGLABLE**  
 [72] JOUBERT, SEUN, CA  
 [71] JOUBERT, SEUN, CA  
 [22] 2004-04-01  
 [41] 2005-01-09  
 [30] US (10/615,247) 2003-07-09

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,464,193**  
[13] A1

[51] Int.Cl. 7G02C 9/04  
[25] EN  
[54] CLIP-ON GLASSES ASSEMBLY AND ACTUATING MECHANISM THEREFOR  
[54] LUNETTES A SUPERPOSER ET MECANISME DE COMMANDE CONNEXE  
[72] BEGG, ROBERT G., CA  
[71] 20/20 MARKETING LTD., CA  
[22] 2004-04-14  
[41] 2005-01-11  
[30] US (10/616,927) 2003-07-11

---

[21] **2,464,489**  
[13] A1

[51] Int.Cl. 7A61G 9/00 7A47K 11/06  
[25] EN  
[54] COVER LID OR HANDLE FOR A URINAL HAVING A FRESH SCENT COMPARTMENT  
[54] CARTOUCHE DESODORISANTE POUR COUVERCLE OU POIGNEE D'URINOIR  
[72] MALLOY, CLAUDE, SR., US  
[72] MALLOY, LEROY, JR., US  
[71] MALLOY, CLAUDE, SR., US  
[71] MALLOY, LEROY, JR., US  
[22] 2004-04-08  
[41] 2005-01-11  
[30] US (10/702,921) 2003-07-11

---

[21] **2,464,813**  
[13] A1

[51] Int.Cl. 7E21B 43/24  
[25] EN  
[54] ON-SITE PRODUCTION OF ELECTRICITY UTILIZING OIL SHALE  
[54] PRODUCTION D'ELECTRICITE SUR PLACE AU MOYEN DE BITUMINEUX SCHISTES  
[72] HENDERSHOT, WILLIAM B., US  
[71] HENDERSHOT, WILLIAM B., US  
[22] 2004-04-22  
[41] 2005-01-14  
[30] US (10/618,948) 2003-07-14

---

[21] **2,464,831**  
[13] A1

[51] Int.Cl. 7A61K 31/7052 7A61K 47/30  
[25] EN  
[54] STABLE NON-DIHYDRATE AZITHROMYCIN ORAL SUSPENSIONS  
[54] SUSPENSIONS STABLES D'AZITHROMYCINE NON-DIHYDRATEE POUR ADMINISTRATION ORALE  
[72] COLLIER, STEVEN WILLIAM, US  
[72] JOHNSON, BARBARA ALICE, US  
[72] CURATOLO, WILLIAM JOHN, US  
[72] MURPHY, BRENDAN JOHN, US  
[71] PFIZER PRODUCTS INC., US  
[22] 2004-04-21  
[41] 2005-01-15  
[30] US (60/487,837) 2003-07-15  
[30] US (10/636,013) 2003-08-06

---

[21] **2,466,573**  
[13] A1

[51] Int.Cl. 7G07F 17/32 7G07F 17/34  
[25] EN  
[54] METHOD AND APPARATUS FOR CHANGING AN APPEARANCE OF MECHANICAL DEVICES DISPLAYED ON A GAMING MACHINE  
[54] METHODE ET APPAREIL PERMETTANT DE CHANGER L'APPARENCE DE DISPOSITIFS MECANIQUES AFFICHES DANS UN APPAREIL DE JEUX DE HASARD  
[72] THOMAS, ALFRED, US  
[71] WMS GAMING INC., US  
[22] 2004-05-06  
[41] 2005-01-15  
[30] US (10/621,152) 2003-07-15

---

[21] **2,467,135**  
[13] A1

[51] Int.Cl. 7G10K 11/162  
[25] EN  
[54] COMPOSITE MATERIAL WITH IMPROVED DAMPING CHARACTERISTICS AND METHOD OF MAKING SAME  
[54] COMPOSITE POSSEDEANT DE MEILLEURES PROPRIETES D'AMORTISSEMENT DU SON ET METHODE DE FABRICATION CONNEXE  
[72] HUNTER, KIPPLAN D., US  
[72] LIGUORE, SALVATORE L., US  
[71] THE BOEING COMPANY, US  
[22] 2004-05-13  
[41] 2005-01-15  
[30] US (10/620,066) 2003-07-15

---

[21] **2,467,317**  
[13] A1

[51] Int.Cl. 7A01G 9/14 7A01G 9/24  
[25] EN  
[54] STRUCTURE OF A GREENHOUSE  
[54] STRUCTURE DE SERRE  
[72] ZIMMERMAN, WAYNE, CA  
[72] NORMANDIN, YVON, CA  
[72] GIERCKE, RON, CA  
[72] TURKEWITSCH, ALEX, CA  
[72] BRAULT, DAVID, CA  
[72] SCHRAM, STEVE, CA  
[71] CONTROLLED ENVIRONMENTS LIMITED, CA  
[22] 2004-05-14  
[41] 2005-01-10  
[30] US (10/616,296) 2003-07-10

---

[21] **2,467,323**  
[13] A1

[51] Int.Cl. 7A01G 9/24  
[25] EN  
[54] CLIMATE CONTROL FOR A GREENHOUSE  
[54] SYSTEME DE COMMANDE D'AMBiance POUR SERRE  
[72] NORMANDIN, YVON, CA  
[72] SCHRAM, STEVE, CA  
[72] TURKEWITSCH, ALEX, CA  
[72] ZIMMERMAN, WAYNE, CA  
[72] GIERCKE, RON, CA  
[72] BRAULT, DAVID, CA  
[71] CONTROLLED ENVIRONMENTS LIMITED, CA  
[22] 2004-05-14  
[41] 2005-01-10  
[30] US (10/616,298) 2003-07-10

---

[21] **2,467,335**  
[13] A1

[51] Int.Cl. 7A01G 9/20 7F21V 7/06 7A01G 9/14 7F21V 21/30  
[25] EN  
[54] LIGHTING SYSTEM FOR A GREENHOUSE  
[54] SYSTEME D'ECLAIRAGE POUR SERRE  
[72] BRAULT, DAVID, CA  
[72] WASNEY, PAUL A. (DECEASED), CA  
[72] ZIMMERMAN, WAYNE, CA  
[72] NORMANDIN, YVON, CA  
[71] CONTROLLED ENVIRONMENTS LIMITED, CA  
[22] 2004-05-14  
[41] 2005-01-10  
[30] US (10/616,297) 2003-07-10

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,468,160**  
 [13] A1

[51] Int.Cl. 7F04F 5/08  
 [25] EN  
 [54] HYDRAULIC VACUUM PUMP  
 [54] POMPE HYDRAULIQUE A VIDE  
 [72] RENSHAW, BEVERLY B., CA  
 [71] RENSHAW, BEVERLY B., CA  
 [22] 2004-05-25  
 [41] 2005-01-14  
 [30] US (10/617,738) 2003-07-14

---

[21] **2,468,218**  
 [13] A1

[51] Int.Cl. 7H01M 2/14  
 [25] EN  
 [54] HIGH MELT INTEGRITY  
 BATTERY SEPARATOR FOR LITHIUM  
 ION BATTERIES  
 [54] SEPARATEUR POUR PILES AUX  
 IONS LITHIUM POSSEDEANT UNE  
 HAUTE RESISTANCE AUX  
 TEMPERATURES DE FUSION  
 ELEVEES  
 [72] SHI, LIE, US  
 [72] YU, TA-HUA, US  
 [72] HARLESON, KEN J., US  
 [71] CELGARD, INC., US  
 [22] 2004-05-26  
 [41] 2005-01-15  
 [30] US (10/621,234) 2003-07-15

---

[21] **2,468,394**  
 [13] A1

[51] Int.Cl. 7H03L 7/00 7H03B 5/00  
 [25] EN  
 [54] AUTOMATED OPTIMIZATION OF  
 ASYMMETRIC WAVEFORM  
 GENERATOR LC TUNING  
 ELECTRONICS  
 [54] OPTIMISATION AUTOMATISEE  
 DE CIRCUITS ELECTRONIQUES  
 D'ACCORD LC POUR GENERATEUR  
 D'ONDES ASYMETRIQUES  
 [72] MCCRACKEN, IAIN, CA  
 [71] IONALYTICS CORPORATION, CA  
 [22] 2004-05-27  
 [41] 2005-01-11  
 [30] US (60/486,284) 2003-07-11

---

[21] **2,469,121**  
 [13] A1

[51] Int.Cl. 7F03D 3/06  
 [25] EN  
 [54] HORIZONTAL OMNI-  
 DIRECTIONAL WINDMILL  
 [54] AEROGENERATEUR  
 HORIZONTAL OMNIDIRECTIONNEL  
 [72] BAYER, WOLFGANG, CA  
 [71] CREATIVE WIND POWER  
 SOLUTIONS INC., CA  
 [22] 2004-05-28  
 [41] 2005-01-10  
 [30] US (10/615,944) 2003-07-10

---

[21] **2,469,137**  
 [13] A1

[51] Int.Cl. 7C12N 9/52 7C12N 5/00  
 7C12N 9/48  
 [25] EN  
 [54] NEUTRAL PROTEASE (NP) AND  
 PRODUCT BY USING NEUTRAL  
 PROTEASE FOR TISSUE  
 DISSOCIATION AS WELL AS METHOD  
 FOR THE PRODUCTION THEREOF  
 [54] PROTEASE NEUTRE (PN) ET  
 PRODUIT OBTENU A PARTIR DE LA  
 PROTEASE NEUTRE EMPLOYEE  
 POUR LA DISSOCIATION  
 TISSULAIRE, ET METHODE DE  
 PRODUCTION CONNEXE  
 [72] BERNEY, THIERRY, FR  
 [72] RAEMSCH, CHRISTIAN, DE  
 [72] BRANDHORST, DANIEL, DE  
 [72] RAEMSCH-GUENTHER, NICOLE,  
 DE  
 [72] HUETTLER, SILKE, DE  
 [72] FRIEDRICH, OLAF, DE  
 [72] BUCHER, PASCAL, CH  
 [72] KURFUErst, MANFRED, DE  
 [71] NORDMARK ARZNEIMITTEL  
 GMBH & CO., KG, DE  
 [22] 2004-06-22  
 [41] 2005-01-09  
 [30] DE (103 31 171.8) 2003-07-09

---

[21] **2,469,167**  
 [13] A1

[51] Int.Cl. 7F25D 23/00  
 [25] EN  
 [54] LOCALIZED REINFORCEMENT  
 SYSTEM FOR REFRIGERATOR  
 CABINET  
 [54] SYSTEME DE RENFORTS  
 LOCALISES POUR ARMOIRE  
 FRIGORIFIQUE  
 [72] WING, FORREST F., US  
 [72] GRACE, JAMES M., US  
 [72] SCHUCHERT, EUGENE H., US  
 [72] MARTIN, DEAN A., US  
 [71] MAYTAG CORPORATION, US  
 [22] 2004-05-28  
 [41] 2005-01-11  
 [30] US (10/617,401) 2003-07-11

---

[21] **2,470,372**  
 [13] A1

[51] Int.Cl. 7G01D 11/30  
 [25] EN  
 [54] MEASURING-POINT BOLT  
 [54] TIGE DE MESURE PAR POINTS  
 [72] SCHWARZ, HELMUT, DE  
 [72] HOMNER, BERNHARD, DE  
 [71] SCHWARZ VERBINDUNGSSYSTEME GMBH, DE  
 [22] 2004-06-07  
 [41] 2005-01-09  
 [30] DE (203 10 503.6) 2003-07-09

---

[21] **2,472,291**  
 [13] A1

[51] Int.Cl. 7B64C 13/20  
 [25] FR  
 [54] SYSTEME POUR COMMANDER  
 AUTOMATIQUEMENT DES  
 DISPOSITIFS  
 HYPERSUSTENTATEURS D'UN  
 AERONEF, EN PARTICULIER DES  
 BECS DE BORD D'ATTAQUE D'AILE  
 [54] SYSTEM FOR AUTOMATICALLY  
 CONTROLLING AN AIRCRAFT'S  
 HIGH-LIFT DEVICES, IN PARTICULAR  
 THE LEADING-EDGE SLATS ON THE  
 WINGS  
 [72] BUISSON, DOMINIQUE, FR  
 [72] DELAPLACE, FRANCK, FR  
 [71] AIRBUS FRANCE, FR  
 [22] 2004-06-21  
 [41] 2005-01-15  
 [30] FR (03 08603) 2003-07-15

---

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,472,528**  
 [13] A1

[51] Int.Cl. 7G06F 15/16  
 [25] EN  
**[54] GRANULAR CONTROL OVER THE AUTHORITY OF REPLICATED INFORMATION VIA FENCING AND UNFENCING**  
**[54] CONTROLE MODULAIRE DE L'AUTORITE DE GESTION D'INFORMATION DUPLIQUEE AU MOYEN D'UN CHAMP DE SECURITE**  
 [72] BJORNER, NIKOLAJ S., US  
 [72] TEODOSIU, DAN, US  
 [71] MICROSOFT CORPORATION, US  
 [22] 2004-06-25  
 [41] 2005-01-10  
 [30] US (60/486,627) 2003-07-10  
 [30] US (10/733,459) 2003-12-10

---

[21] **2,472,540**  
 [13] A1

[51] Int.Cl. 7F03B 11/00  
 [25] EN  
**[54] HYDRAULIC TURBINE WITH ENHANCED DISSOLVED OXYGEN**  
**[54] TURBINE HYDRAULIQUE AVEC OXYGENE DISSOUS AMELIORE**  
 [72] DESY, NORMAND, CA  
 [71] GENERAL ELECTRIC CANADA INC., CA  
 [22] 2004-06-25  
 [41] 2005-01-09  
 [30] US (10/615,261) 2003-07-09

---

[21] **2,472,560**  
 [13] A1

[51] Int.Cl. 7F24H 1/46 7F24H 9/12 7F24H 9/14  
 [25] EN  
**[54] MULTICOMPARTMENT HOT WATER TANK**  
**[54] RESERVOIR A EAU CHAude MULTI-COMPARTIMENTS**  
 [72] HOULE, ANDRE, CA  
 [71] HOULE, ANDRE, CA  
 [22] 2004-07-09  
 [41] 2005-01-11  
 [30] US (60/486,258) 2003-07-11

---

[21] **2,472,792**  
 [13] A1

[51] Int.Cl. 7E21B 33/06 7E21B 33/12  
 [25] EN  
**[54] VARIABLE BORE RAM**  
**[54] BELIER A DIAMETRE DE FORAGE VARIABLE**  
 [72] MELANCON, JEFFREY T., US  
 [72] MCWHORTER, DAVID J., US  
 [71] VARCO I/P, INC., US  
 [22] 2004-07-02  
 [41] 2005-01-11  
 [30] US (60/486,499) 2003-07-11  
 [30] US (10/769,022) 2004-01-30

---

[21] **2,472,840**  
 [13] A1

[51] Int.Cl. 7A47C 17/13 7A47C 17/04  
 7A47C 17/22

[25] EN  
**[54] A SOFA CONVERTIBLE INTO A BED**  
**[54] CANAPE-LIT TRANSFORMABLE**  
 [72] PIRETTI, GIANCARLO, IT  
 [71] PRO-CORD SPA, IT  
 [22] 2004-07-02  
 [41] 2005-01-14  
 [30] EP (03425463.1) 2003-07-14

---

[21] **2,472,860**  
 [13] A1

[51] Int.Cl. 7B60L 11/18 7H01M 8/04  
 [25] EN  
**[54] FUEL CELL VEHICLE**  
**[54] VEHICULE A PILES A COMBUSTIBLE**  
 [72] MAKUTA, YOHEI, JP  
 [72] OTSU, ATSUSHI, JP  
 [72] HORII, YOSHIYUKI, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2004-06-29  
 [41] 2005-01-11  
 [30] JP (2003-195924) 2003-07-11

---

[21] **2,472,913**  
 [13] A1

[51] Int.Cl. 7F16K 31/04 7F02M 23/08  
**7F16K 31/124**  
 [25] EN  
**[54] PRESSURE PULSE COMMUNICATION IN AN ENGINE INTAKE MANIFOLD**  
**[54] COMMUNICATION DE PULSATIONS DE PRESSION DANS UN COLLECTEUR D'ADMISSION DE MOTEUR**  
 [72] BOYCHUK, ROBERT JOHN, US  
 [72] PETRI, KEVIN J., US  
 [72] SANDERSON, MARC HAGEN, US  
 [72] KELLER, ROBERT DEAN, US  
 [71] EATON CORPORATION, US  
 [22] 2004-07-05  
 [41] 2005-01-15  
 [30] US (10/620,114) 2003-07-15

---

[21] **2,472,916**  
 [13] A1

[51] Int.Cl. 7B01D 53/52 7C01B 17/04  
**7B01D 53/62**  
 [25] FR  
**[54] PROCEDE D'ELIMINATION DE COMPOSES SOUFRES PAR OXYDATION DIRECTE**  
**[54] PROCESS TO ELIMINATE SULPHUR COMPOUNDS BY DIRECT OXIDATION**  
 [72] NEDEZ, CHRISTOPHE, FR  
 [72] CHAPAT, JEAN-FRANCOIS, FR  
 [72] RAY, JEAN-LOUIS, FR  
 [71] INSTITUT FRANCAIS DU PETROLE, FR  
 [22] 2004-07-07  
 [41] 2005-01-11  
 [30] FR (03 08 560) 2003-07-11

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

<b>[21] 2,472,934</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7F01D 5/02</b>
[25] FR
<b>[54] LIAISON AMELIOREE ENTRE DISQUES AUBAGES SUR LA LIGNE ROTOR D'UN COMPRESSEUR</b>
<b>[54] IMPROVED LINKAGE BETWEEN BLADED DISKS ON THE ROTOR LINE OF A COMPRESSOR</b>
[72] BOURGEOIS, MARIE-FRANCE, FR
[72] DAO, DANIEL, FR
[72] ESCURE, DIDIER RENE ANDRE, FR
[72] SONIAK, FRANCIS GILLES BASILE, FR
[72] AUDET, JACQUES ROBERT, FR
[72] MIRAUCOURT, GERARD GABRIEL, FR
[72] BOSTON, ERICK JACQUES, FR
[71] SNECMA MOTEURS, FR
[22] 2004-07-08
[41] 2005-01-11
[30] FR (0308556) 2003-07-11

---

<b>[21] 2,472,935</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7F01D 25/30 7F02C 7/24</b>
<b>7F02K 1/44</b>
[25] FR
<b>[54] DISPOSITIF DE REDUCTION DU BRUIT DE JET D'UNE TURBOMACHINE</b>
<b>[54] DEVICE FOR REDUCING JET NOISE FROM A TURBINE ENGINE</b>
[72] PROUTEAU, JACKIE, FR
[72] MIROUDOT, FREDERIC, FR
[71] SNECMA MOTEURS, FR
[22] 2004-07-08
[41] 2005-01-09
[30] FR (03 08 383) 2003-07-09

<b>[21] 2,472,939</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7F01D 25/26 7F02C 7/20</b>
[25] FR
<b>[54] DISPOSITIF POUR PILOTER PASSIVEMENT LA DILATATION THERMIQUE DU CARTER D'EXTENSION D'UN TURBOREACTEUR</b>
<b>[54] DEVICE TO PASSIVELY CONTROL THERMAL EXPANSION OF THE EXTENSION CASING OF A TURBOJET</b>
[72] CHEREAU, THOMAS, FR
[72] TOURNE, CHRISTOPHE YVON GABRIEL, FR
[72] SUET, PATRICE, FR
[72] RAFFY, ALAIN, FR
[72] NICLOT, THIERRY JEAN-MAURICE, FR
[71] SNECMA MOTEURS, FR
[22] 2004-07-08
[41] 2005-01-11
[30] FR (03 08584) 2003-07-11

<b>[21] 2,472,975</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7A47C 1/02 7A47C 1/034</b>
<b>7A47C 1/14</b>
[25] EN
<b>[54] CHAISE-LONGUE</b>
<b>[54] CHAISE LONGUE</b>
[72] PIRETTI, GIANCARLO, IT
[71] PRO-CORD SPA, IT
[22] 2004-07-02
[41] 2005-01-14
[30] EP (03425462.3) 2003-07-14

<b>[21] 2,472,978</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7B65D 51/18 7B65D 43/10</b>
[25] EN
<b>[54] CONTAINER WITH DOUBLE LIDS</b>
<b>[54] CONTENANT A COUVERCLE DOUBLE</b>
[72] WANG, SOO CHANG, KR
[71] KOREA ALPHALINE CO. LTD., KR
[22] 2004-07-06
[41] 2005-01-09
[30] KR (KR-10-2003-0046560) 2003-07-09

<b>[21] 2,472,983</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7B65B 69/00</b>
[25] EN
<b>[54] DEVICE FOR CUTTING THROUGH A BINDING STRIP</b>
<b>[54] DISPOSITIF DE COUPE DE BANDE D'ASSEMBLAGE</b>
[72] OLIVIER, HENDRIKUS WILHELMUS MARIA, NL
[72] SPAANS, JOHAN, NL
[72] LIEFTING, JOHANNES GERARDUS, NL
[71] TEBULO INDUSTRIAL AUTOMATION B.V., NL
[22] 2004-07-06
[41] 2005-01-10
[30] NL (1023884) 2003-07-10

<b>[21] 2,472,991</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7H01R 4/36 7H01R 11/00</b>
[25] EN
<b>[54] UNIVERSAL BUS BAR CONNECTOR WITH MULTI-PITCH THREADED HOLE</b>
<b>[54] CONNECTEUR DE BARRE OMNIBUS UNIVERSEL AVEC TROU FILETÉ A PAS MULTIPLES</b>
[72] TRIANTOPOULOS, GEORGE, US
[72] FERRETTI, MICHAEL JOHN, US
[71] THOMAS & BETTS INTERNATIONAL, INC., US
[22] 2004-07-06
[41] 2005-01-11
[30] US (60/486,318) 2003-07-11

<b>[21] 2,473,015</b> <b>[13] A1</b>
<b>[51] Int.Cl. 7E21B 43/25</b>
[25] EN
<b>[54] METHOD AND APPARATUS FOR TREATING A WELL</b>
<b>[54] METHODE ET DISPOSITIF DE TRAITEMENT D'UN PUITS</b>
[72] MURPHY, ROBERT, US
[72] HOFFMAN, COREY E., US
[71] WEATHERFORD/LAMB, INC., US
[22] 2004-07-06
[41] 2005-01-09
[30] US (10/616,455) 2003-07-09

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,473,019**

[13] A1

[51] Int.Cl. 7D06F 59/02 7F26B 13/00  
 7F26B 21/00 7A42C 3/00 7D06F 57/00  
**7A42C 1/08**  
[25] EN  
[54] CAP CONDITIONER  
[54] CONDITIONNEUR A CAPUCHON  
[72] VIA, GREG, US  
[72] AICHINGER, DAVE, US  
[71] NEW ERA CAP CO., INC., US  
[22] 2004-07-06  
[41] 2005-01-11  
[30] US (60/486,472) 2003-07-11

---

[21] **2,473,052**

[13] A1

[51] Int.Cl. 7B62J 1/02  
[25] EN  
[54] CYCLE SADDLE ASSEMBLY  
[54] ENSEMBLE DE SELLE DE  
**BICYCLETTE**  
[72] WARNER, DAVID BENJAMIN, GB  
[72] MARTIN, PETER GORDON, GB  
[71] WARNER, DAVID BENJAMIN, GB  
[71] MARTIN, PETER GORDON, GB  
[71] YU, TSAI-YUN, TW  
[22] 2004-07-07  
[41] 2005-01-09  
[30] GB (0316041.3) 2003-07-09

---

[21] **2,473,061**

[13] A1

[51] Int.Cl. 7A61D 3/00 7A61G 1/00  
**7A61G 13/00**  
[25] EN  
[54] METHOD AND APPARATUS FOR  
ANIMAL POSITIONING  
[54] METHODE ET DISPOSITIF DE  
POSITIONNEMENT D'ANIMAL  
[72] CHEN, JOSETTE, CA  
[72] DAZAI, JUN, CA  
[72] BOCK, NICHOLAS, CA  
[72] DAVIDSON, LORINDA, CA  
[71] THE HOSPITAL FOR SICK  
CHILDREN, CA  
[22] 2004-07-06  
[41] 2005-01-10  
[30] US (60/485,727) 2003-07-10

---

[21] **2,473,069**

[13] A1

[51] Int.Cl. 7C12Q 1/54 7C12N 11/08  
**7G01N 33/66 7G01N 21/78**  
[25] EN  
[54] CASTABLE DIFFUSION  
**MEMBRANE FOR ENZYME-BASED  
SENSOR APPLICATION**  
[54] MEMBRANE DE DIFFUSION  
**MOULABLE POUR DES  
APPLICATIONS DE DETECTION BASE  
SUR UN ENZYME**  
[72] DESPREZ, VALERIE, DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[22] 2004-07-06  
[41] 2005-01-11  
[30] EP (03 015 882.8) 2003-07-11

---

[21] **2,473,073**

[13] A1

[51] Int.Cl. 7E21B 43/01 7E21B 19/00  
**7F17D 3/00 7E21B 17/01 7E21B 43/013  
7E21B 43/017 7E21B 7/20 7B63B 35/44**  
[25] EN  
[54] VESSEL FOR WELL  
INTERVENTION  
[54] NAVIRE D'INTERVENTION  
OFFSHORE  
[72] BOYLE, JOHN, US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-07-07  
[41] 2005-01-11  
[30] US (10/618,093) 2003-07-11

---

[21] **2,473,183**

[13] A1

[51] Int.Cl. 7A01D 57/20 7A01D 61/02  
[25] EN  
[54] CROP GATHERING DEVICE WITH  
**CONVEYOR BELT ASSEMBLY**  
[54] RECOLTEUSE AGRICOLE AVEC  
**CONVOYEUR A BANDE**  
[72] KEMPF, GUENTER, DE  
[72] STAHL, MARTIN, DE  
[72] ZUERN, ROLF, DE  
[71] DEERE & COMPANY, US  
[22] 2004-07-07  
[41] 2005-01-10  
[30] DE (103 31 197.1) 2003-07-10

---

[21] **2,473,188**

[13] A1

[51] Int.Cl. 7A47J 31/06 7A47J 31/40  
**7A47J 31/44**  
[25] EN  
[54] LOCKING DEVICE SUSTAINING  
**HIGH PRESSURE FOR COFFEE  
MAKER LID**  
[54] DISPOSITIF DE BLOCAGE DE  
**COUVERCLE DE CAFETIERE POUR  
PRESSION ELEVEE**  
[72] CHEN, YEE MAU, CN  
[72] POON, SUM FAT, CN  
[71] ELECTRICAL AND ELECTRONICS  
LIMITED, CN  
[22] 2004-07-07  
[41] 2005-01-09  
[30] US (10/616,417) 2003-07-09

---

[21] **2,473,210**

[13] A1

[51] Int.Cl. 7E21B 33/05  
[25] EN  
[54] PLUG-DROPPING CONTAINER  
**FOR RELEASING A PLUG INTO A  
WELLCORE**  
[54] CONTENANT SERVANT A LA  
**LIBERATION D'UN BOUCHON DANS  
UN PUITS DE FORAGE**  
[72] HIRTH, DAVID E., US  
[72] PEDERSEN, GERALD D., US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-07-08  
[41] 2005-01-10  
[30] US (10/616,643) 2003-07-10

---

[21] **2,473,211**

[13] A1

[51] Int.Cl. 7F04D 29/04  
[25] EN  
[54] BEARING SUPPORT AND STATOR  
**ASSEMBLY FOR COMPRESSOR**  
[54] ENSEMBLE DE CORPS DE PALIER  
**ET DE STATOR POUR COMPRESSEUR**  
[72] WESTCOTT, DALE, US  
[72] SKINNER, ROBIN G., US  
[71] TECUMSEH PRODUCTS COMPANY,  
US  
[22] 2004-07-08  
[41] 2005-01-11  
[30] US (10/617,475) 2003-07-11

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,473,213**  
 [13] A1

[51] Int.Cl. 7H01M 8/04  
 [25] EN  
**METHOD OF STARTING UP OPERATION OF FUEL CELL AT LOW TEMPERATURE**  
**METHODE DE DEMARRAGE D'UNE PILE A COMBUSTIBLE A BASSE TEMPERATURE**  
 [72] JIMBA, RYO, JP  
 [72] MOHRI, MASAHIRO, JP  
 [72] KATO, HIDEO, JP  
 [72] MORIKAWA, HIROSHI, JP  
 [72] YOSHIDA, HIROMICHI, JP  
 [72] INAI, SHIGERU, JP  
 [72] HAYASHI, KATSUMI, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2004-07-08  
 [41] 2005-01-09  
 [30] JP (2003-195926) 2003-07-11

---

[21] **2,473,216**  
 [13] A1

[51] Int.Cl. 7E21B 29/00  
 [25] EN  
**EXPANSION APPARATUS**  
**DISPOSITIF DE DILATATION**  
 [72] METCALFE, PAUL DAVID, GB  
 [72] ELLINGTON, PETER, GB  
 [72] HARRALL, SIMON JOHN, GB  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-07-08  
 [41] 2005-01-09  
 [30] GB (0316048.8) 2003-07-09

---

[21] **2,473,217**  
 [13] A1

[51] Int.Cl. 7E21B 29/00  
 [25] EN  
**EXPANDING TUBING**  
**TUBAGE EXPANSIBLE**  
 [72] HILLIS, DAVID JOHN, GB  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-07-08  
 [41] 2005-01-09  
 [30] GB (0315997.7) 2003-07-09

---

[21] **2,473,261**  
 [13] A1

[51] Int.Cl. 7B60K 1/04 7H01M 2/10  
 [25] EN  
**FUEL CELL VEHICLE**  
**VEHICULE A PILE A COMBUSTIBLE**  
 [72] HORII, YOSHIYUKI, JP  
 [71] HONDA MOTOR CO., LTD., JP  
 [22] 2004-07-08  
 [41] 2005-01-11  
 [30] JP (2003-195926) 2003-07-11

---

[21] **2,473,268**  
 [13] A1

[51] Int.Cl. 7C08L 97/00  
 [25] EN  
**LIGNIN-SOLIDS COMPOSITIONS**  
**COMPOSITIONS DE LIGNINE ET DE SOLIDES**  
 [72] VARADARAJ, RAMESH, US  
 [71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US  
 [22] 2004-07-07  
 [41] 2005-01-15  
 [30] US (60/487,496) 2003-07-15  
 [30] US (10/846,813) 2004-05-14

---

[21] **2,473,272**  
 [13] A1

[51] Int.Cl. 7H02B 1/015 7H02B 1/56  
 [25] EN  
**GAS SEGREGATOR BARRIER FOR ELECTRICAL SWITCHING APPARATUS**  
**BARRIERE DE SEGREGATION DE GAZ POUR APPAREIL DE COMMUTATION ELECTRIQUE**  
 [72] HAAG, DAVID K., US  
 [72] AFSHARI, FARHAD, US  
 [72] OLSZEWSKI, DAVID M., US  
 [72] BEATTY, WILLIAM E., JR., US  
 [72] CROOKS, WILLIAM M., US  
 [72] RANDAL, WILLIAM M., US  
 [71] EATON CORPORATION, US  
 [22] 2004-07-07  
 [41] 2005-01-14  
 [30] US (10/619,030) 2003-07-14

---

[21] **2,473,274**  
 [13] A1

[51] Int.Cl. 7G06F 1/16 7H04Q 7/32  
 [25] EN  
**FOAM SUPPORT FOR MOBILE ELECTRONIC DEVICE DISPLAY**  
**SUPPORT DE MOUSSE POUR DISPOSITIF D'AFFICHAGE ELECTRONIQUE MOBILE**  
 [72] CHEN, CHAO, CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2004-07-08  
 [41] 2005-01-15  
 [30] GB (0316547.9) 2003-07-15

---

[21] **2,473,287**  
 [13] A1

[51] Int.Cl. 7G06F 19/00 7G07F 17/32  
 [25] EN  
**GAMING MACHINE HAVING TARGETED RUN-TIME SOFTWARE AUTHENTICATION**  
**MACHINE DE JEU A AUTHENTIFICATION LOGICIELLE DE TEMPS D'EXECUTION CIBLE**  
 [72] RYAN, CHAD A., US  
 [71] WMS GAMING INC., US  
 [22] 2004-07-08  
 [41] 2005-01-09  
 [30] US (10/616,459) 2003-07-09

---

[21] **2,473,290**  
 [13] A1

[51] Int.Cl. 7B65D 81/32 7B65D 55/02  
 [25] EN  
**CONTAINER FOR CONTAINING TWO DIFFERENT SEPARATE PRODUCTS AND MIXING THEM**  
**RECIPIENT SERVANT A CONTEINIR DEUX PRODUITS DIFFERENTS SEPARES ET A LES MELANGER**  
 [72] RODRIGUEZ, JOSE LUIS GALAZ, ES  
 [71] RODRIGUEZ, JOSE LUIS GALAZ, ES  
 [22] 2004-07-07  
 [41] 2005-01-11  
 [30] EP (03380171.3) 2003-07-11

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,473,301**  
 [13] A1  
 [51] Int.Cl. 7H01M 8/04 7H01M 8/24  
 [25] EN  
**[54] COOLING OF AIR-COOLED FUEL CELL SYSTEM**  
**[54] REFROIDISSEMENT A AIR DE SYSTEME DE PILES A COMBUSTIBLE**  
 [72] HSIAO, FENG-HSIANG, US  
 [72] BO, AILI, US  
 [72] PEN-MU KAO, MIKE, US  
 [72] YS YANG, JEFFERSON, US  
 [71] ASIA PACIFIC FUEL CELL TECHNOLOGIES, LTD., TW  
 [22] 2004-07-08  
 [41] 2005-01-10  
 [30] TW (92212815) 2003-07-10

---

[21] **2,473,315**  
 [13] A1  
 [51] Int.Cl. 7G06F 1/16 7H04Q 7/32  
 [25] EN  
**[54] COMPONENT ASSEMBLY CUSHIONING DEVICE FOR MOBILE DEVICES**  
**[54] APPAREIL AMORTISSEUR POUR COMPOSANTS EQUIPANT DES DISPOSITIFS MOBILES**  
 [72] TEMPELMAN, HERREBERTUS, CA  
 [72] PHILLIPS, ROBERT W., CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2004-07-08  
 [41] 2005-01-14  
 [30] GB (0316451.4) 2003-07-14

---

[21] **2,473,332**  
 [13] A1  
 [51] Int.Cl. 7C23C 4/00 7C23C 4/16  
 [25] EN  
**[54] METHOD FOR COATING AND/OR PARTIAL EXTRUSION-COATING OF FLEXIBLE, ELONGATED PRODUCTS**  
**[54] METHODE DE REVETEMENT COMPLET ET/OU DE REVETEMENT PARTIEL PAR EXTRUSION DE PRODUITS FLEXIBLES ALLONGES**  
 [72] SIKORA, MANFRED, DE  
 [71] HEW-KABEL/CDT GMBH & CO. KG, DE  
 [22] 2004-07-09  
 [41] 2005-01-12  
 [30] DE (103 31 608.6) 2003-07-12

---

[21] **2,473,304**  
 [13] A1  
 [51] Int.Cl. 7H01M 8/04 7H01M 8/24  
 [25] EN  
**[54] FLOW FIELD PATTERN FOR FUEL CELL STACK SEPARATOR PLATES**  
**[54] PATRON DE CHAMP D'ECOULEMENT POUR PLAQUES DE SEPARATION D'ASSEMBLAGE DE PILE A COMBUSTIBLE**  
 [72] HSIAO, FENG-HSIANG, US  
 [72] YS YANG, JEFFERSON, US  
 [72] PEN-MU KAO, MIKE, US  
 [72] BO, AILI, US  
 [71] ASIA PACIFIC FUEL CELL TECHNOLOGIES, LTD., TW  
 [22] 2004-07-08  
 [41] 2005-01-14  
 [30] TW (92212838) 2003-07-14

---

[21] **2,473,320**  
 [13] A1  
 [51] Int.Cl. 7H05B 41/14  
 [25] EN  
**[54] STARTING DEVICE FOR A HIGH-PRESSURE DISCHARGE LAMP, AND AN ILLUMINATING SYSTEM**  
**[54] DISPOSITIF D'AMORCAGE POUR LAMPE A DECHARGE A HAUTE PRESSION, ET SYSTEME D'ECLAIREMENT**  
 [72] SOWA, WOLFRAM, DE  
 [72] RUPP, ARNULF, DE  
 [71] PATENT-TREUHAND-GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH, DE  
 [22] 2004-07-08  
 [41] 2005-01-10  
 [30] DE (103 31 435.0) 2003-07-10

---

[21] **2,473,335**  
 [13] A1  
 [51] Int.Cl. 7F16C 35/073 7F02C 7/06  
**7F01D 25/16**  
 [25] FR  
**[54] DISPOSITIF PERFECTIONNE DE FIXATION D'UN ARBRE DE MOTEUR SUR UN SUPPORT DE PALIER**  
**[54] IMPROVED DEVICE FOR ATTACHING A MOTOR SHAFT TO A BEARING SUPPORT**  
 [72] LEJEUNE, PASCAL, FR  
 [72] CHARIER, GILLES, FR  
 [71] SNECMA MOTEURS, FR  
 [22] 2004-07-09  
 [41] 2005-01-15  
 [30] FR (03 08612) 2003-07-15

---

[21] **2,473,313**  
 [13] A1  
 [51] Int.Cl. 7A01K 23/00 7A01K 13/00  
**7A61F 13/15**  
 [25] EN  
**[54] DISPOSABLE ANIMAL DIAPER**  
**[54] COUCHE JETABLE POUR ANIMAUX**  
 [72] SOLOMON, IRVING, US  
 [71] PEDIGREE PERFECTION, US  
 [22] 2004-07-09  
 [41] 2005-01-10  
 [30] US (60/486,051) 2003-07-10

---

[21] **2,473,324**  
 [13] A1  
 [51] Int.Cl. 7H04L 12/24  
 [25] EN  
**[54] SYSTEM AND METHOD FOR MANAGING PROVISIONING PARAMETERS IN A CABLE NETWORK**  
**[54] SYSTEME ET METHODE DE GESTION DE PARAMETRES D'APPROVISIONNEMENT DANS UN RESEAU DE CABLES**  
 [72] DANFORTH, ANDREW, US  
 [71] TIME WARNER CABLE, A DIVISION OF TIME WARNER ENTERTAINMENT COMPANY, L.P., US  
 [22] 2004-07-08  
 [41] 2005-01-14  
 [30] US (10/619,262) 2003-07-14

---

[21] **2,473,339**  
 [13] A1  
 [51] Int.Cl. 7H04L 12/24  
 [25] EN  
**[54] SYSTEM AND METHOD FOR PROVISIONING A PROVISIONABLE NETWORK DEVICE WITH A DYNAMICALLY GENERATED BOOT FILE USING A SERVER**  
**[54] SYSTEME ET METHODE PERMETTANT DE FOURNIR A UN DISPOSITIF DE RESEAU APPROVISIONNABLE UN FICHIER D'AMORCAGE CREE DYNAMIQUEMENT AU MOYEN D'UN SERVEUR**  
 [72] DANFORTH, ANDREW, US  
 [71] TIME WARNER CABLE, A DIVISION OF TIME WARNER ENTERTAINMENT COMPANY, L.P., US  
 [22] 2004-07-08  
 [41] 2005-01-14  
 [30] US (10/619,236) 2003-07-14

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,473,342**  
 [13] A1  
 [51] Int.Cl. 7B32B 27/40 7G01N 21/00  
 [25] EN  
 [54] NANOPARTICLES FOR OPTICAL SENSORS  
 [54] NANOParticules pour capteurs optiques  
 [72] DESPREZ, VALERIE, DE  
 [72] SPINKE, JUERGEN, DE  
 [72] TUSA, JAMES KENNETH, US  
 [72] ORANTH, NORBERT, DE  
 [71] F. HOFFMANN-LA ROCHE AG, CH  
 [22] 2004-07-08  
 [41] 2005-01-10  
 [30] EP (03 015 781.2) 2003-07-10

---

[21] **2,473,344**  
 [13] A1  
 [51] Int.Cl. 7E03D 1/14 7E03D 1/34  
 [25] EN  
 [54] ECOBETA  
 [54] APPAREIL DE PLOMBERIE « ECOBETA »  
 [72] SYLVESTER, LISBETH PEDERSEN, DE  
 [72] KARSTENSEN, NILS, DE  
 [71] SYLVESTER, LISBETH PEDERSEN, DE  
 [71] KARSTENSEN, NILS, DE  
 [22] 2004-07-08  
 [41] 2005-01-10  
 [30] US (60/485,710) 2003-07-10

---

[21] **2,473,352**  
 [13] A1  
 [51] Int.Cl. 7F21V 21/02 7F16M 13/00  
 7F21V 27/00 7F21V 21/104  
 [25] EN  
 [54] ASSEMBLY INCLUDING A CHAIN FOR SUSPENDING AN ARTICLE SUCH AS A LIGHT AND FOR CONCEALING AN ELECTRICAL CONDUCTOR  
 [54] ENSEMBLE COMPRENANT UNE CHAINE POUR SUSPENDRE UN ARTICLE TEL QU'UNE LAMPE ET POUR DISSIMULER UN CONDUCTEUR ELECTRIQUE  
 [72] SANDERS, ALLAN, CA  
 [71] SANDERS, ALLAN, CA  
 [22] 2004-07-08  
 [41] 2005-01-11  
 [30] US (07/617,179) 2003-07-11

---

[21] **2,473,368**  
 [13] A1  
 [51] Int.Cl. 7E02D 1/00 7A01B 79/00  
 [25] EN  
 [54] INSTRUMENTED DEEP TILLAGE IMPLEMENT  
 [54] INSTRUMENT DE LABOURAGE PROFOND EQUIPE  
 [72] SKOTNIKOV, ANDREY VALERYEVICH, US  
 [72] ADAMCHUK, VIACHESLAV IVANOVYCH, US  
 [72] SPEICHHINGER, JUSTIN DOUGLAS, US  
 [71] DEERE & COMPANY, US  
 [22] 2004-07-09  
 [41] 2005-01-11  
 [30] US (10/617,614) 2003-07-11

---

[21] **2,473,370**  
 [13] A1  
 [51] Int.Cl. 7A61K 45/00 7A61P 3/06  
 7A61F 2/24  
 [25] EN  
 [54] METHOD FOR DECREASING BIOPROSTHETIC IMPLANT FAILURE  
 [54] METHODE POUR REDUIRE LE RISQUE DE DÉFAILLANCE DE BIOPROTHÉSES  
 [72] GREGORY, KENTON W., US  
 [71] PROVIDENCE HEALTH SYSTEM-OREGON, AN OREGON NON PROFIT CORPORATION, US  
 [71] GREGORY, KENTON W., US  
 [22] 2004-07-09  
 [41] 2005-01-10  
 [30] US (60/486,661) 2003-07-10

---

[21] **2,473,377**  
 [13] A1  
 [51] Int.Cl. 7A61B 18/02  
 [25] EN  
 [54] METHOD FOR PROVIDING A CRYOGENIC APPLICATOR, AND ASSEMBLY OF AT LEAST ONE APPLICATOR AND A COOLING DEVICE  
 [54] METHODE POUR FOURNIR UN APPLICATEUR CRYOGENIQUE ET ASSEMBLAGE D'AU MOINS UN APPLICATEUR ET D'UN DISPOSITIF DE REFROIDISSEMENT  
 [72] LIEVESTRO, ROBERT, NL  
 [72] JANSEN, LAMBERTUS, NL  
 [71] RETCICEL NEDERLAND B.V., NL  
 [22] 2004-07-08  
 [41] 2005-01-09  
 [30] NL (1023870) 2003-07-09

---

[21] **2,473,400**  
 [13] A1  
 [51] Int.Cl. 7A61G 10/02 7A61G 10/00  
 [25] EN  
 [54] SYSTEM AND METHOD FOR PROTECTION/ISOLATION AGAINST INFECTIONS  
 [54] DISPOSITIF ET MÉTHODE DE PROTECTION CONTRE LES INFECTIONS ET D'ISOLATION  
 [72] WEIDNER, SAMUEL, IL  
 [71] BETH-EL ZIKHRON-YA'AQOV INDUSTRIES LTD., IL  
 [22] 2004-07-08  
 [41] 2005-01-09  
 [30] IL (156,836) 2003-07-09

---

[21] **2,473,424**  
 [13] A1  
 [51] Int.Cl. 7E21B 17/10 7E21B 17/02  
 [25] EN  
 [54] DRILL STRING TOOL WITH BEARING SLEEVE  
 [54] OUTIL DE COLONNE DE FORAGE AVEC PALIER LISSE SOUS COUSSINET  
 [72] SWIETLIK, GEORGE, GB  
 [71] PILOT DRILLING CONTROL LIMITED, GB  
 [22] 2004-07-09  
 [41] 2005-01-11  
 [30] GB (0316326.8) 2003-07-11

---

[21] **2,473,428**  
 [13] A1  
 [51] Int.Cl. 7F03D 3/00  
 [25] EN  
 [54] WIND TURBINE ASSEMBLY  
 [54] EOLIENNE  
 [72] BEZEMER, DARYLE, CA  
 [71] BEZEMER, DARYLE, CA  
 [22] 2004-07-09  
 [41] 2005-01-10  
 [30] US (60/485,720) 2003-07-10

---

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,473,429**  
 [13] A1

[51] Int.Cl. 7C07F 1/12 7C01G 7/00  
 [25] EN  
**[54] PROCESS FOR PRODUCING GOLD NANOPARTICLES**  
**[54] METHODE DE PRODUCTION DE NANOParticules d'OR**  
 [72] LUONG, JOHN H. T., CA  
 [72] LIU, YALI, CA  
 [72] BOUVRETTE, PIERRE, CA  
 [72] MALE, KEITH B., CA  
 [71] NATIONAL RESEARCH COUNCIL OF CANADA, CA  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (60/485,381) 2003-07-09

---

[21] **2,473,431**  
 [13] A1

[51] Int.Cl. 7B25G 1/00 7A01B 15/12  
 7A01D 1/14  
 [25] EN  
**[54] REMOVABLE AUXILIARY HANDLE FOR TOOLS**  
**[54] POIGNEE AUXILIAIRE AMOVIBLE POUR OUTILS**  
 [72] ALAIN BOSA, CA  
 [71] ALAIN BOSA, CA  
 [22] 2004-07-09  
 [41] 2005-01-10  
 [30] CA (2,433,601) 2003-07-10

---

[21] **2,473,432**  
 [13] A1

[51] Int.Cl. 7C09D 5/00 7E04F 21/00  
 7E04F 13/02 7E02D 31/06 7E04B 1/66  
 [25] EN  
**[54] WATER-BASED COATING COMPOSITION FOR WATERPROOFING WALLS**  
**[54] MATIERE DE REVETEMENT A BASE D'EAU POUR L'HYDROFUGATION DES MURS**  
 [72] ROBERTS, MICHAEL G., JR., US  
 [72] ROBERTS, MICHAEL G., SR., US  
 [71] ROBERTS, MICHAEL G., JR., US  
 [71] ROBERTS, MICHAEL G., SR., US  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (60/485,886) 2003-07-09

---

[21] **2,473,440**  
 [13] A1

[51] Int.Cl. 7G01S 7/48 7G01B 11/00  
 7H01S 3/10 7G01J 1/56 7G01S 17/88  
 [25] EN  
**[54] LASER BRIGHTNESS**  
**[54] BRILLANCE DES FAISCEAUX LASER**  
 [72] BAGHAI, SHAHIN, US  
 [71] WHITE BOX, INC., US  
 [22] 2004-07-12  
 [41] 2005-01-14  
 [30] US (60/486,951) 2003-07-14

---

[21] **2,473,445**  
 [13] A1

[51] Int.Cl. 7F16H 9/12  
 [25] EN  
**[54] INFINITELY ADJUSTABLE CONE PULLEY DRIVE WITH TORQUE SENSOR**  
**[54] SYSTEME D'ENTRAINEMENT PAR CONES A INFINITE DE POSITIONS AVEC CAPTEUR DE COUPLE**  
 [72] SCHOENNENBECK, GERT, DE  
 [71] PIV DRIVES GMBH, DE  
 [22] 2004-07-12  
 [41] 2005-01-11  
 [30] DE (103 31 470.9) 2003-07-11

---

[21] **2,473,476**  
 [13] A1

[51] Int.Cl. 7E21B 33/12 7E21B 43/16  
 [25] EN  
**[54] ISOLATION OF SUBTERRANEAN ZONES**  
**[54] ISOLEMENT DE ZONES SOUTERRAINES**  
 [72] BRISCO, DAVID PAUL, US  
 [72] RAO, VIKRAM, US  
 [72] WADDELL, KEVIN KARL, US  
 [72] COOK, ROBERT LANCE, US  
 [72] RING, LEV, US  
 [71] ENVENTURE GLOBAL TECHNOLOGY, US  
 [22] 2004-07-12  
 [41] 2005-01-14  
 [30] US (10/619,285) 2003-07-14

---

[21] **2,473,477**  
 [13] A1

[51] Int.Cl. 7E06B 1/62  
 [25] EN  
**[54] WINDOW SILL FLASHING**  
**[54] SOLIN D'APPUI DE FENETRE**  
 [72] McDONALD, JAY K., US  
 [72] BROAD, ROBERT P., US  
 [71] PN II, INC., US  
 [22] 2004-07-12  
 [41] 2005-01-15  
 [30] US (60/487,343) 2003-07-15  
 [30] US (10/871,401) 2004-06-18

---

[21] **2,473,478**  
 [13] A1

[51] Int.Cl. 7G06K 11/06 7G06F 3/02  
 [25] EN  
**[54] MOBILE ELECTRONIC DEVICE KEYPAD**  
**[54] CLAVIER NUMERIQUE POUR DISPOSITIF MOBILE ELECTRONIQUE**  
 [72] FYKE, STEVEN H., CA  
 [72] LADOUCEUR, NORMAN M., CA  
 [71] RESEARCH IN MOTION LIMITED, CA  
 [22] 2004-07-12  
 [41] 2005-01-15  
 [30] GB (0316548.7) 2003-07-15

---

[21] **2,473,480**  
 [13] A1

[51] Int.Cl. 7B65D 65/38 7B32B 29/00  
 [25] EN  
**[54] REAMS OF WRAPPED PAPER ACCOMPANIED BY ONE OR MORE PRINTED MANUFACTURER OR RETAILER COUPONS OR COUPON BOOKLETS**  
**[54] RAMES DE PAPIER EMBALLEES, AVEC UN OU PLUSIEURS COUPONS OU CARNETS DE COUPONS IMPRIMES DU FABRICANT OU DU DETAILLANT**  
 [72] NOWAK, MICHAEL R., US  
 [71] COATING EXCELLENCE INTERNATIONAL, US  
 [22] 2004-07-12  
 [41] 2005-01-10  
 [30] US (10/616,590) 2003-07-10

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,473,482**  
 [13] A1  
 [51] Int.Cl. 7A61B 17/00 7A61B 1/008  
 [25] EN  
**A SURGICAL INSTRUMENT WITH A LATERAL-MOVING ARTICULATION CONTROL**  
 [54] INSTRUMENT CHIRURGICAL MUNI D'UNE ARTICULATION PERMETTANT UN MOUVEMENT LATERAL  
 [72] WALES, KENNETH S., US  
 [71] ETHICON ENDO-SURGERY, INC., US  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (10/615,972) 2003-07-09

---

[21] **2,473,485**  
 [13] A1  
 [51] Int.Cl. 7C08G 18/72 7C09D 183/04  
**7C08G 18/61 7C08G 18/80**  
 [25] EN  
**NCO COMPOUNDS WITH COVALENTLY BONDED POLYHEDRAL OLIGOMERIC SILICON-OXYGEN CLUSTER UNITS**  
 [54] COMPOSES DU TYPE ISOCYANATE (NCO) COMPRENANT DES CLUSTERS OLIGOMERES POLYEDRIQUES DE SILICIUM-OXYGENE A LIAISON COVALENTE  
 [72] SCHMIDT, FRIEDRICH GEORG, DE  
 [72] KUEHNLE, ADOLF, DE  
 [72] JOST, CARSTEN, DE  
 [72] SPYROU, EMMANOUIL, DE  
 [71] DEGUSSA AG, DE  
 [22] 2004-07-09  
 [41] 2005-01-11  
 [30] DE (10331787.2) 2003-07-11

---

[21] **2,473,488**  
 [13] A1  
 [51] Int.Cl. 7A01G 3/00 7A01G 3/08  
 [25] EN  
**VEGETATION PRUNING DEVICE**  
 [54] DISPOSITIF D'ELAGAGE  
 [72] BAKER, DAVID, GB  
 [72] STONES, KEVIN, GB  
 [71] BLACK & DECKER INC., US  
 [22] 2004-07-13  
 [41] 2005-01-14  
 [30] GB (0316447.2) 2003-07-14

---

[21] **2,473,504**  
 [13] A1  
 [51] Int.Cl. 7A61B 17/068  
 [25] EN  
**SURGICAL STAPLING INSTRUMENT INCORPORATING A TAPERED FIRING BAR FOR INCREASED FLEXIBILITY AROUND THE ARTICULATION JOINT**  
 [54] INSTRUMENT D'AGRAFAGE CHIRURGICAL MUNI D'UNE BARRE DE DECLENCHEMENT EFFILEE POUR ACCROITRE LA FLEXIBILITE AUTOEUR DU JOINT ARTICULE  
 [72] WEISENBURGH, WILLIAM BRUCE II, US  
 [72] SETSER, MICHAEL EARL, US  
 [72] SHELTON, FREDERICK E., IV, US  
 [71] ETHICON ENDO-SURGERY, INC., US  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (10/615,974) 2003-07-09

---

[21] **2,473,506**  
 [13] A1  
 [51] Int.Cl. 7A61B 17/068  
 [25] EN  
**SURGICAL STAPLING INSTRUMENT INCORPORATING AN ARTICULATION JOINT FOR A FIRING BAR TRACK**  
 [54] INSTRUMENT D'AGRAFAGE CHIRURGICAL MUNI D'UN JOINT ARTICULE POUR LA BARRE DE DECLENCHEMENT  
 [72] HOFFMAN, DOUGLAS B., US  
 [71] ETHICON ENDO-SURGERY, INC., US  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (10/615,962) 2003-07-09

---

[21] **2,473,511**  
 [13] A1  
 [51] Int.Cl. 7E21B 47/12  
 [25] EN  
**APPARATUS FOR WELLBORE COMMUNICATION**  
 [54] APPAREIL DE COMMUNICATIONS POUR PUITS DE FORAGE  
 [72] THANH LE, TUONG, US  
 [72] BANSAL, R.K., US  
 [72] NERO, KENNETH M., US  
 [72] NOSKE, JOE, US  
 [72] YOUNG, ALLEN R., US  
 [72] LYNCH, MICHAEL J., US  
 [72] PAVEL, DAVID, US  
 [72] ALLEN, JACK, US  
 [72] ROZEK, KENNETH EDMUND, US  
 [72] HOSIE, DAVID G., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (60/485,816) 2003-07-09

---

[21] **2,473,512**  
 [13] A1  
 [51] Int.Cl. 7A61B 17/00 7A61B 1/008  
 [25] EN  
**SURGICAL INSTRUMENT INCORPORATING AN ARTICULATION MECHANISM HAVING ROTATION ABOUT THE LONGITUDINAL AXIS**  
 [54] INSTRUMENT CHIRURGICAL MUNI D'UN MECANISME D'ARTICULATION A ROTATION PAR RAPPORT A L'AXE LONGITUDINAL  
 [72] SWAYZE, JEFFREY S., US  
 [72] SHELTON, FREDERICK E., IV, US  
 [72] WALES, KENNETH S., US  
 [72] HOFFMAN, DOUGLAS B., US  
 [71] ETHICON ENDO-SURGERY, INC., US  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (10/615,973) 2003-07-09

---

[21] **2,473,516**  
 [13] A1  
 [51] Int.Cl. 7A01G 3/00  
 [25] EN  
**VEGETATION PRUNING DEVICE**  
 [54] DISPOSITIF D'ELAGAGE  
 [72] STONES, KEVIN, GB  
 [72] BARKER, DAVID, GB  
 [71] BLACK & DECKER INC., US  
 [22] 2004-07-13  
 [41] 2005-01-14  
 [30] GB (0316447.2) 2003-07-14

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,473,517**  
[13] A1

[51] Int.Cl. 7A01G 3/00  
[25] EN  
[54] VEGETATION PRUNING DEVICE  
[54] DISPOSITIF D'ELAGAGE  
[72] STONES, KEVIN, GB  
[72] BARKER, DAVID, GB  
[71] BLACK & DECKER INC., US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] GB (0316447.2) 2003-07-14

---

[21] **2,473,518**  
[13] A1

[51] Int.Cl. 7A01G 3/00  
[25] EN  
[54] VEGETATION PRUNING DEVICE  
[54] DISPOSITIF D'ELAGAGE  
[72] STONES, KEVIN, GB  
[72] BARKER, DAVID, GB  
[71] BLACK & DECKER INC., US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] GB (0316447.2) 2003-07-14

---

[21] **2,473,525**  
[13] A1

[51] Int.Cl. 7C09D 183/04 7C09D 183/06  
[25] EN  
[54] THERMALLY CURABLE POWDER  
COATING COMPOSITIONS AND  
THEIR USE  
[54] COMPOSITIONS DE  
REVETEMENT EN POUDRE  
DURCISSANT A CHAUD, ET USAGES  
[72] WENNING, ANDREAS, DE  
[72] SCHMIDT, FRIEDRICH GEORG, DE  
[72] WOUTERS, MARIELLE, NL  
[72] JOST, CARSTEN, DE  
[72] VAN BRACHT, HENK, NL  
[72] KUEHNLE, ADOLF, DE  
[71] DEGUSSA AG, DE  
[22] 2004-07-09  
[41] 2005-01-11  
[30] DE (103 31 796.1) 2003-07-11

---

[21] **2,473,528**  
[13] A1

[51] Int.Cl. 7C08J 7/12 7B29C 71/00  
7B01J 15/00 7A47L 15/00 7A47L 15/42  
[25] EN  
[54] FLUORINE GAS TREATMENT OF  
WASHING MACHINE PARTS  
[54] TRAITEMENT AU FLUOR  
GAZEUX DE PIECES DE LAVEUSE  
[72] FLOWERS, CHRISTOPHER L., US  
[72] RUSHING, WILLIAM PAUL, II, US  
[72] SONG, SEUNGWON (CHRIS), US  
[71] MAYTAG CORPORATION, US  
[22] 2004-07-09  
[41] 2005-01-11  
[30] US (10/617,376) 2003-07-11

---

[21] **2,473,598**  
[13] A1

[51] Int.Cl. 7B01F 5/04  
[25] EN  
[54] SYSTEM AND METHOD FOR  
MIXING AT LEAST FOUR  
COMPONENTS  
[54] SYSTEME ET METHODE POUR  
MELANGER AU MOINS QUATRE  
COMPOSANTS  
[72] DAMM, CHRISTIAN, CH  
[72] NEIDHARDT, ASTRID, CH  
[72] FEHR, DANIEL, CH  
[71] STRAUMANN HOLDING AG, CH  
[22] 2004-07-13  
[41] 2005-01-15  
[30] EP (03 405 537.6) 2003-07-15

---

[21] **2,473,599**  
[13] A1

[51] Int.Cl. 7A01G 3/00  
[25] EN  
[54] VEGETATION PRUNING DEVICE  
[54] DISPOSITIF D'ELAGAGE  
[72] BARKER, DAVID, GB  
[72] STONES, KEVIN, GB  
[71] BLACK & DECKER INC., US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] GB (0316447.2) 2003-07-14

---

[21] **2,473,601**  
[13] A1

[51] Int.Cl. 7A01G 3/00  
[25] EN  
[54] VEGETATION PRUNING DEVICE  
[54] DISPOSITIF D'ELAGAGE  
[72] BARKER, DAVID, GB  
[72] STONES, KEVIN, GB  
[71] BLACK & DECKER INC., US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] GB (0316447.2) 2003-07-14

---

[21] **2,473,604**  
[13] A1

[51] Int.Cl. 7A01G 3/00  
[25] EN  
[54] VEGETATION PRUNING DEVICE  
[54] DISPOSITIF D'ELAGAGE  
[72] BARKER, DAVID, GB  
[72] STONES, KEVIN, GB  
[71] BLACK & DECKER INC., US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] GB (0316447.2) 2003-07-14

---

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,473,605**  
 [13] A1

[51] Int.Cl. 7A01G 3/00  
 [25] EN  
**[54] VEGETATION PRUNING DEVICE**  
**[54] DISPOSITIF D'ELAGAGE**  
 [72] STONES, KEVIN, GB  
 [72] BARKER, DAVID, GB  
 [71] BLACK & DECKER INC., US  
 [22] 2004-07-13  
 [41] 2005-01-14  
 [30] GB (0316447.2) 2003-07-14

---

[21] **2,473,607**  
 [13] A1

[51] Int.Cl. 7A01G 3/025 7B26B 13/26  
 [25] EN  
**[54] VEGETATION PRUNING DEVICE**  
**[54] DISPOSITIF D'ELAGAGE**  
 [72] BARKER, DAVID, GB  
 [72] STONES, KEVIN, GB  
 [71] BLACK & DECKER INC., US  
 [22] 2004-07-13  
 [41] 2005-01-14  
 [30] GB (0316447.2) 2003-07-14

---

[21] **2,473,612**  
 [13] A1

[51] Int.Cl. 7A61B 17/068  
 [25] EN  
**[54] SURGICAL STAPLING INSTRUMENT HAVING ARTICULATION JOINT SUPPORT PLATES FOR SUPPORTING A FIRING BAR**  
**[54] INSTRUMENT D'AGRAFAGE CHIRURGICAL MUNI DE PLAQUES QUI SUPPORTENT LA BARRE DE DECLENCHEMENT AU NIVEAU DU JOINT ARTICULE**  
 [72] WALES, KENNETH S., US  
 [72] HEUIL, JOSEPH CHARLES, US  
 [71] ETHICON ENDO-SURGERY, INC., US  
 [22] 2004-07-09  
 [41] 2005-01-09  
 [30] US (10/615,971) 2003-07-09

---

[21] **2,473,615**  
 [13] A1

[51] Int.Cl. 7E05B 1/00 7A61L 2/18  
 [25] EN  
**[54] SELF-CLEANING HANDLE**  
**[54] POIGNEE AUTONETTOYANTE**  
 [72] HUPP, VERNON, CA  
 [72] MATHESON, ERIC A., CA  
 [71] HUPP, VERNON, CA  
 [71] MATHESON, ERIC A., CA  
 [22] 2004-07-12  
 [41] 2005-01-14  
 [30] US (60486421) 2003-07-14

---

[21] **2,473,618**  
 [13] A1

[51] Int.Cl. 7A47G 11/00  
 [25] EN  
**[54] DECORATIVE TABLE COVERING**  
**[54] DESSUS DE TABLE DECORATIF**  
 [72] SACCOMANDI, DIANE C., US  
 [71] SACCOMANDI, DIANE C., US  
 [22] 2004-07-09  
 [41] 2005-01-15  
 [30] US (10/620,141) 2003-07-15

---

[21] **2,473,622**  
 [13] A1

[51] Int.Cl. 7B60J 7/04  
 [25] EN  
**[54] VEHICLE ROOF MOLDING**  
**[54] MOULURE DE TOIT DE VEHICULE**  
 [72] MIKKAICHI, TOSHIKI, JP  
 [72] YOSHIDA, TOSHIYA, JP  
 [71] HASHIMOTO FORMING INDUSTRY COMPANY LIMITED, JP  
 [22] 2004-07-09  
 [41] 2005-01-14  
 [30] JP (2003-196520) 2003-07-14

---

[21] **2,473,624**  
 [13] A1

[51] Int.Cl. 7E06B 3/48 7E06B 3/50  
 [25] EN  
**[54] EXTRUDED DOOR PANEL MEMBERS**  
**[54] ELEMENTS EXTRUDES DE PANNEAU DE PORTE**  
 [72] SNYDER, RONALD P., US  
 [71] RITE-HITE HOLDING CORPORATION, US  
 [22] 2004-07-09  
 [41] 2005-01-11  
 [30] US (10/617,533) 2003-07-11

---

[21] **2,473,761**  
 [13] A1

[51] Int.Cl. 7A01D 34/412 7A01D 34/52  
**7A01D 34/62**  
 [25] EN  
**[54] SHREDDER HEAD WITH PROTECTIVE ELEMENTS, AND MOBILE SYLVICULTURAL APPARATUS INCLUDING THE SAME**  
**[54] TETE DE DECHIQUETEUSE AVEC ELEMENTS DE PROTECTION, ET APPAREIL SYLVICOLE MOBILE**  
**EQUIPE DE CETTE TETE**  
 [72] MORENCY, JIMMY, CA  
 [72] POTVIN, DAVID, CA  
 [71] LES EQUIPEMENT NOKAMIC INC., CA  
 [22] 2004-07-12  
 [41] 2005-01-10  
 [30] CA (2,434,640) 2003-07-10  
 [30] CA (2,456,016) 2004-01-16

---

[21] **2,473,762**  
 [13] A1

[51] Int.Cl. 7B62K 25/02 7B62K 3/08  
**7B62K 19/24**  
 [25] EN  
**[54] REAR FORK END COMPONENT, BICYCLE FRAME AND BICYCLE**  
**[54] COMPOSANT DE PATTE ARRIERE, CADRE DE BICYCLETTE ET BICYCLETTE**  
 [72] KABURAGI, YUTAKA, JP  
 [72] SUNAMI, TAKEO, JP  
 [71] KABURAGI, YUTAKA, JP  
 [71] SUNAMI, TAKEO, JP  
 [22] 2004-07-12  
 [41] 2005-01-11  
 [30] JP (2003-273417) 2003-07-11

---

[21] **2,473,769**  
 [13] A1

[51] Int.Cl. 7D06F 37/28  
 [25] EN  
**[54] AN APPLIANCE DOOR OR LID**  
**[54] PORTE OU COUVERCLE D'APPAREIL MENAGER**  
 [72] DALEY, HOWARD, US  
 [72] BIENICK, CRAIG, US  
 [71] GEMTRON CORPORATION, US  
 [22] 2004-07-12  
 [41] 2005-01-14  
 [30] US (10/617,718) 2003-07-14

---

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,473,774**  
[13] A1

[51] Int.Cl. 7B26D 1/36  
[25] EN  
[54] DEVICE FOR DISPENSING A PAPER PRODUCT  
[54] DISPOSITIF DE DISTRIBUTION D'UN PRODUIT EN PAPIER  
[72] KASPER, KAZMIER J., US  
[71] ALGONQUIN INDUSTRIES, INC., US  
[22] 2004-07-12  
[41] 2005-01-14  
[30] US (60/487,124) 2003-07-14

[21] **2,473,823**  
[13] A1

[51] Int.Cl. 7G01K 7/36 7G01N 11/00  
[25] EN  
[54] DEVICES, SYSTEMS AND METHODS FOR SENSING TEMPERATURE OF A DRAG CUP IN A RHEOMETER MOTOR  
[54] DISPOSITIFS, SYSTEMES ET METHODES PERMETTANT DE DETECTER LA TEMPERATURE D'UNE CLOCHE DE MESURE DANS UN MOTEUR DE RHEOMETRE  
[72] DOE, NIGEL, GB  
[71] WATERS INVESTMENT LIMITED, US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] US (10/617,712) 2003-07-14

[21] **2,473,824**  
[13] A1

[51] Int.Cl. 7H01B 3/30 7H01B 3/44  
[25] EN  
[54] DIELECTRIC SUBSTRATES COMPRISING A POLYIMIDE CORE LAYER AND A HIGH TEMPERATURE FLUOROPOLYMER BONDING LAYER, AND METHODS RELATING THERETO  
[54] SUBSTRATS DIELECTRIQUES COMPRENANT UNE COUCHE CENTRALE EN POLYIMIDE ET UNE COUCHE D'ADHERENCE EN POLYMERÉE FLUORE RESISTANT AUX TEMPERATURES ELEVEES, ET METHODES CONNEXES  
[72] LACOURT, PHILIP ROLAND, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] US (10/620,089) 2003-07-14

[21] **2,473,869**  
[13] A1

[51] Int.Cl. 7A01G 3/00  
[25] EN  
[54] VEGETATION PRUNING DEVICE  
[54] DISPOSITIF D'ELAGAGE  
[72] BARKER, DAVID, GB  
[72] STONES, KEVIN, GB  
[71] BLACK & DECKER INC., US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] GB (0316447.2) 2003-07-14

[21] **2,473,928**  
[13] A1

[51] Int.Cl. 7A01G 3/00  
[25] EN  
[54] VEGETATION PRUNING DEVICE  
[54] DISPOSITIF D'ELAGAGE  
[72] STONES, KEVIN, GB  
[72] BARKER, DAVID, GB  
[71] BLACK & DECKER INC., US  
[22] 2004-07-13  
[41] 2005-01-14  
[30] GB (0316447.2) 2003-07-14

[21] **2,473,963**  
[13] A1

[51] Int.Cl. 7A61B 5/055 7G01V 8/10  
7G01R 33/20  
[25] EN  
[54] OPTICAL IMAGE-BASED POSITION TRACKING FOR MAGNETIC RESONANCE IMAGING  
[54] SUIVI DE POSITION SUR IMAGE OPTIQUE A DES FINS D'IMAGERIE PAR RESONANCE MAGNETIQUE  
[72] KUCHARCZYK, JOHN, US  
[72] TREMBLAY, MARLEINE, CA  
[72] TAM, FRED, CA  
[72] GRAHAM, SIMON JAMES, CA  
[71] SUNNYBROOK AND WOMEN'S COLLEGE AND HEALTH SCIENCES CENTRE, CA  
[22] 2004-07-13  
[41] 2005-01-14  
[30] US (60/487,402) 2003-07-14

[21] **2,474,105**  
[13] A1

[51] Int.Cl. 7F24H 9/20 7H05K 7/20  
[25] EN  
[54] HEAT DISSIPATION DEVICE AND WATER HEATER INCLUDING THE SAME  
[54] DISSIPATEUR DE CHALEUR ET CHAUFFE-EAU EQUIPE DE CE DISSIPATEUR  
[72] BRADENBAUGH, KEN A., US  
[71] BRADENBAUGH, KEN A., US  
[22] 2004-07-14  
[41] 2005-01-15  
[30] US (10/619,768) 2003-07-15

[21] **2,474,162**  
[13] A1

[51] Int.Cl. 7A63H 33/42 7G09B 25/04  
7A63H 33/04  
[25] EN  
[54] CHILDREN'S TWO-DIMENSIONAL PLAY STRUCTURE  
[54] STRUCTURE DE JEU BIDIMENSIONNELLE POUR ENFANTS  
[72] WRIGHT, ASHLEY, CA  
[71] WRIGHT, ASHLEY, CA  
[22] 2004-07-14  
[41] 2005-01-14  
[30] US (60/486,441) 2003-07-14

[21] **2,474,169**  
[13] A1

[51] Int.Cl. 7A23K 1/18 7A23K 1/10  
[25] EN  
[54] COLD CANINE TREATS  
[54] DELICES FROIDS POUR CHIENS  
[72] KASTOR, DANIEL R., US  
[72] KOSTLAN, GARY, US  
[71] KASTOR, DANIEL R., US  
[71] KOSTLAN, GARY, US  
[22] 2004-07-14  
[41] 2005-01-14  
[30] US (60/487,025) 2003-07-14  
[30] US (60/515,745) 2003-10-30  
[30] US (10/841,068) 2004-05-07

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,474,177**  
 [13] A1

[51] Int.Cl. 7F24B 1/198  
 [25] EN  
 [54] TRIMMABLE SURROUND FOR A HEAT GENERATING DEVICE  
 [54] BORDURE AJUSTABLE POUR DISPOSITIF DE PRODUCTION DE CHALEUR  
 [72] LYONS, DAVID CHARLES, US  
 [71] HON TECHNOLOGY INC., US  
 [22] 2004-07-14  
 [41] 2005-01-15  
 [30] US (10/620,297) 2003-07-15

---

[21] **2,474,293**  
 [13] A1

[51] Int.Cl. 7G07F 17/32 7A63F 13/00  
 [25] EN  
 [54] GAMING MACHINE WITH INTEGRATED DISPLAY  
 [54] APPAREIL DE JEUX DE HASARD AVEC AFFICHAGE INTEGRE  
 [72] GOMEZ, BENJAMIN T., US  
 [72] PACEY, LARRY J., US  
 [72] JAFFE, JOEL R., US  
 [72] THOMAS, ALFRED, US  
 [71] WMS GAMING INC., US  
 [22] 2004-07-14  
 [41] 2005-01-15  
 [30] US (10/619,935) 2003-07-15

---

[21] **2,474,310**  
 [13] A1

[51] Int.Cl. 7B65D 81/34  
 [25] EN  
 [54] MICROWAVE KEEP COOL CONTAINER  
 [54] CONTENANT DE REFROIDISSEMENT PAR REFLEXION DES MICRO-ONDES  
 [72] ROBBINS, BRUCE, US  
 [72] BOHRER, TIMOTHY, US  
 [71] REYNOLDS CONSUMER PRODUCTS, INC., US  
 [22] 2004-07-14  
 [41] 2005-01-14  
 [30] US (60/486,939) 2003-07-14

---

[21] **2,474,285**  
 [13] A1

[51] Int.Cl. 7A01G 3/00  
 [25] EN  
 [54] VEGETATION PRUNING DEVICE  
 [54] DISPOSITIF D'ELAGAGE  
 [72] JARMAN, DAVID, GB  
 [71] BLACK & DECKER INC., US  
 [22] 2004-07-13  
 [41] 2005-01-14  
 [30] GB (0316447.2) 2003-07-14

---

[21] **2,474,296**  
 [13] A1

[51] Int.Cl. 7E21B 33/134 7E21B 29/00  
**7E21B 33/00**  
 [25] EN  
 [54] RETRIEVABLE BRIDGE PLUG  
 [54] BOUCHON DE SONDEAGE RECUPERABLE  
 [72] TURLEY, ROCKY A., US  
 [72] GARCIA, JOSEPH R., US  
 [71] WEATHERFORD/LAMB, INC., US  
 [22] 2004-07-14  
 [41] 2005-01-14  
 [30] US (10/619,087) 2003-07-14

---

[21] **2,474,318**  
 [13] A1

[51] Int.Cl. 7A23G 3/00  
 [25] EN  
 [54] SOFT DRIED MARSHMALLOW AND METHOD OF PREPARATION  
 [54] GUIMAUVE MOLLE SECHEE ET METHODE DE PREPARATION  
 [72] SHIMEK, JUSTIN, US  
 [72] GEOFFRION, JAMES W., US  
 [72] KAMPER, SUSAN L., US  
 [72] PETERSON, ANDREW, US  
 [71] GENERAL MILLS IP HOLDINGS II, LLC, US  
 [22] 2004-07-15  
 [41] 2005-01-15  
 [30] US (10/620,038) 2003-07-15

---

[21] **2,474,286**  
 [13] A1

[51] Int.Cl. 7B60R 1/06  
 [25] EN  
 [54] DETENT JOINT  
 [54] JOINT A CRAN  
 [72] CENTMAYER, STEFAN, DE  
 [72] SEIBOTH, WOLFGANG, DE  
 [72] HECHT, GEORG, DE  
 [72] LANG, HEINRICH, DE  
 [71] LANG-MEKRA NORTH AMERICA, LLC, US  
 [22] 2004-07-14  
 [41] 2005-01-14  
 [30] DE (10331868.2) 2003-07-14  
 [30] US (10/798,098) 2004-03-11

---

[21] **2,474,298**  
 [13] A1

[51] Int.Cl. 7B60R 13/00 7B62D 35/00  
**7B60J 1/20**  
 [25] EN  
 [54] CHASSIS FAIRING LATCH WITH INTEGRAL HANDLE  
 [54] VERROU A POIGNEE INTEGREE POUR CARENAGE DE CHASSIS  
 [72] CONRAD, DAVID W., US  
 [72] SORRELLS, MICHAEL C., US  
 [71] VOLVO TRUCKS NORTH AMERICA, INC., US  
 [22] 2004-07-13  
 [41] 2005-01-15  
 [30] US (10/619,407) 2003-07-15

---

[21] **2,474,319**  
 [13] A1

[51] Int.Cl. 7G06F 17/50 7E21B 10/08  
 [25] EN  
 [54] AXIAL STABILITY IN ROCK BITS  
 [54] STABILITE AXIALE DES TREPANS A MOLETTES  
 [72] CENTALA, PRABHAKARAN K., US  
 [72] HUANG, SUJIAN, US  
 [72] BOUDRADE, MOHAMMED, US  
 [71] SMITH INTERNATIONAL, INC., US  
 [22] 2004-07-15  
 [41] 2005-01-15  
 [30] US (60/487,495) 2003-07-15  
 [30] US (10/890,524) 2004-07-13

**Demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

---

[21] **2,474,333**  
[13] A1

[51] Int.Cl. 7C09J 9/00  
[25] EN  
[54] ANTISTATIC ADHESIVE FOR WATER-BASED OR SOLVENT-BASED DRY LAMINATE AND COMPLEX PLASTIC FILM  
[54] ADHESIF ANTISTATIQUE POUR STRATIFIÉ SEC A BASE D'EAU OU DE SOLVANT ET PELLICULE EN MATIÈRE PLASTIQUE COMPLEXE  
[72] HAYASHI, KANJI, JP  
[71] HAYASHI, KANJI, JP  
[22] 2004-07-14  
[41] 2005-01-15  
[30] JP (2003-196911) 2003-07-15  
[30] JP (2004-47472) 2004-02-24

[21] **2,474,335**  
[13] A1

[51] Int.Cl. 7B65D 5/50 7B65D 5/18  
[25] EN  
[54] FOLDABLE BOX MEMBER CONFIGURED TO HOLD A SUPPORT  
[54] ELEMENT DE BOITE REPLIABLE CONFIGURÉ POUR RETENIR UN SUPPORT  
[72] WEST, THOMAS, US  
[71] NORAMPAC SCHENECTADY, INC., US  
[22] 2004-07-14  
[41] 2005-01-15  
[30] US (60/487,352) 2003-07-15

[21] **2,474,397**  
[13] A1

[51] Int.Cl. 7A61M 16/00  
[25] EN  
[54] METHODS AND DEVICES TO ACCELERATE WOUND HEALING IN THORACIC ANASTOMOSIS APPLICATIONS  
[54] METHODES ET DISPOSITIFS POUR ACCELERER LA GUERISON DE PLAIES DANS LE CADRE D'APPLICATIONS COMPRENANT UNE ANASTOMOSE AU NIVEAU DU THORAX  
[72] TANAKA, DON, US  
[71] CORDIS CORPORATION, US  
[22] 2004-07-15  
[41] 2005-01-15  
[30] US (60/487,412) 2003-07-15  
[30] US (10/881,408) 2004-06-30

[21] **2,474,408**  
[13] A1

[51] Int.Cl. 7E06B 1/04 7E06B 7/14 7E06B 7/26 7E06B 1/36 7E06B 1/52  
[25] EN  
[54] FENESTRATION FRAME ASSEMBLIES AND ASSOCIATED METHODS  
[54] ENCADREMENTS DE FENETRE ET MÉTHODES D'INSTALLATION CONNEXES  
[72] ENGBRETSON, DAVID, US  
[71] COMFORT DESIGN, INC., US  
[22] 2004-07-15  
[41] 2005-01-15  
[30] US (60/488,270) 2003-07-15  
[30] CA (2,464,566) 2004-04-15

[21] **2,474,410**  
[13] A1

[51] Int.Cl. 7F04B 49/22 7F04B 23/04 7F04B 47/04  
[25] EN  
[54] HYDRAULIC MULTIPHASE PUMP  
[54] POMPE HYDRAULIQUE MULTIPHASEE  
[72] BUTLER, BRYAN VIRGE, US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-07-15  
[41] 2005-01-15  
[30] US (10/621,108) 2003-07-15

[21] **2,474,413**  
[13] A1

[51] Int.Cl. 7G05D 23/19 7E21B 47/12 7H05K 7/20  
[25] EN  
[54] RELIABLE OUTDOOR INSTRUMENT COOLING SYSTEM  
[54] SYSTEME DE REFROIDISSEMENT D'INSTRUMENT EXTERIEUR FIABLE  
[72] MEADOWS, MICHAEL M., US  
[72] PERRY, LESLIE WAYNE, US  
[72] SALLWASSER, ALAN J., US  
[72] GRISHAM, JOHN N., US  
[71] WEATHERFORD/LAMB, INC., US  
[22] 2004-07-15  
[41] 2005-01-15  
[30] US (10/619,936) 2003-07-15

[21] **2,474,420**  
[13] A1

[51] Int.Cl. 7C09D 9/00  
[25] EN  
[54] WATER-BASED PAINT STRIPPER  
[54] DECAPANT POUR PEINTURE A BASE D'EAU  
[72] DETAR, MARVIN, US  
[72] CONNELLY, FREDERICK, US  
[71] STAR BRONZE COMPANY, INC., US  
[22] 2004-07-15  
[41] 2005-01-15  
[30] US (60/487,755) 2003-07-15

[21] **2,474,426**  
[13] A1

[51] Int.Cl. 7C09D 183/04 7C09D 183/06  
[25] EN  
[54] RADIATION-CURABLE POWDER COATING COMPOSITIONS AND THEIR USE  
[54] COMPOSES DE REVETEMENT EN POUDRE DURCI PAR RAYONNEMENTS ET UTILISATION DE CES COMPOSÉS  
[72] WENNING, ANDREAS, DE  
[72] SCHMIDT, FRIEDRICH GEORG, DE  
[72] VAN BRACHT, HENK, NL  
[72] KUEHNLE, ADOLF, DE  
[72] JOST, CARSTEN, DE  
[72] WOUTERS, MARIELLE, NL  
[71] DEGUSSA AG, DE  
[22] 2004-07-09  
[41] 2005-01-11  
[30] DE (10331794.5) 2003-07-11

[21] **2,474,435**  
[13] A1

[51] Int.Cl. 7B61B 12/00 7A47C 7/74  
[25] EN  
[54] A DEVICE FOR CONVEYING PEOPLE ON A CABLEWAY SYSTEM  
[54] DISPOSITIF DE TRANSPORT DE PERSONNES PAR SYSTEME A CABLE SUSPENDU  
[72] MUSIC, ELVIS, AT  
[71] INNOVA PATENT GMBH, AT  
[22] 2004-07-09  
[41] 2005-01-11  
[30] AT (A 1071/2003) 2003-07-11

**Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

---

[21] **2,474,534**

[13] A1

[51] Int.Cl. 7B60R 5/00 7B60R 7/00 7B60R

11/00

[25] EN

[54] ORGANIZER FOR STORAGE  
SPACE IN AN AUTOMOBILE  
[54] CLASSEUR A COMPARTIMENTS  
POUR ESPACE DE RANGEMENT DANS  
UNE AUTOMOBILE

[72] RYAN, PATRICK T., CA

[72] TARRANT, CHRISTOPHER F., CA

[72] BRIGGS, ROBERT S., CA

[72] BOOK, MICHAEL T., CA

[71] EXCO AUTOMOTIVE SOLUTIONS  
CANADA, INC., CA

[22] 2004-07-15

[41] 2005-01-15

[30] US (60/486,890) 2003-07-15

# PCT Applications Entering the National Phase

## Demandes PCT entrant en phase nationale

[21] **2,468,461**  
 [13] A1

[51] Int.Cl. 7H04L 12/16 7G06F 13/38  
 [25] EN  
**[54] RESOLVING A DISTRIBUTED TOPOLOGY TO STREAM DATA**  
**[54] RESOLUTION DE TOPOLOGIE REPARTIE POUR ACHEMINEMENT DE DONNEES**  
 [72] OLIVEIRA, EDUARDO P., US  
 [72] SATHER, DALE A., US  
 [72] AYALA, ROLAND Y., US  
 [72] DEBIQUE, KIRT A., US  
 [72] ABDO, NADIM Y., US  
 [72] THORNTON, THOMAS A., US  
 [72] BATTERBERRY, TROY D., US  
 [72] GRIGOROVITCH, ALEXANDRE A., US  
 [71] MICROSOFT CORPORATION, US  
 [85] 2004-06-02  
 [86] 2003-08-20 (PCT/US2003/026037)  
 [87] 2005-01-11 (WO/)  
 [30] US (10/618,335) 2003-07-11

[21] **2,477,624**  
 [13] A1

[51] Int.Cl. 7A01K 67/00 7G01N 33/00  
**7A01K 67/033 7C12Q 1/68**  
 [25] EN  
**[54] TRANSGENIC ZEBRAFISH MODELS FOR THROMBOSIS**  
**[54] MODELES TRANSGENIQUES DE POISSONS ZEBRES POUR DES COMPOSES EMPECHANT LA THROMBOSE**  
 [72] LIN, SHUO, US  
 [72] DOAN, THANH, US  
 [72] RUBINSTEIN, AMY L., US  
 [71] ZYGOGEN, LLC, US  
 [85] 2004-08-27  
 [86] 2003-02-28 (PCT/US2003/006354)  
 [87] 2003-09-04 (WO2003/072755)  
 [30] US (60/360,711) 2002-02-28

[21] **2,477,738**  
 [13] A1

[51] Int.Cl. 7G01N 33/15 7A61P 29/00  
**7C12Q 1/00 7A61K 45/06 7A61K 35/12**  
**7G01N 33/92**  
 [25] EN  
**[54] THERAPEUTIC PROPERTIES OF OILS**  
**[54] PROPRIETES THERAPEUTIQUES D'HUILES**  
 [72] FERRANTE, ANTONIO, AU  
 [71] RURAL INDUSTRIES RESEARCH & DEVELOPMENT CORPORATION, AU  
 [71] EMU INDUSTRY FEDERATION OF AUSTRALIA INCORPORATED, AU  
 [71] WOMEN'S & CHILDREN'S HOSPITAL, AU  
 [85] 2004-08-30  
 [86] 2003-03-03 (PCT/AU2003/000266)  
 [87] 2003-09-12 (WO2003/075003)  
 [30] AU (PS 0821) 2002-03-01

[21] **2,478,089**  
 [13] A1

[51] Int.Cl. 7A61K 31/21 7A61P 9/00  
**7A61K 31/04 7A61P 9/12**  
 [25] EN  
**[54] METHODS AND COMPOSITION BASED ON DISCOVERY OF METABOLISM OF NITROGLYCERIN**  
**[54] METHODES ET COMPOSITION BASEES SUR LA DECOUVERTE D'UN METABOLISME DE LA NITROGLYCERINE**  
 [72] STAMLER, JONATHAN S., US  
 [72] CHEN, ZHIQIANG, US  
 [71] DUKE UNIVERSITY, US  
 [85] 2004-09-07  
 [86] 2003-02-24 (PCT/US2003/003126)  
 [87] 2003-09-18 (WO2003/075832)  
 [30] US (60/361,689) 2002-03-06  
 [30] US (60/372,415) 2002-04-16  
 [30] US (60/377,204) 2002-05-03

[21] **2,477,741**  
 [13] A1

[51] Int.Cl. 7C07H 19/00 7C07H 21/00  
 [25] EN  
**[54] NUCLEOTIDE MIMICS AND THEIR PRODRUGS**  
**[54] MIMETIQUES NUCLEOTIDIQUES ET LEURS PROMEDICAMENTS**  
 [72] FAGAN, PATRICK C., US  
 [72] JIN, YI, US  
 [72] COOK, PHILLIP DAN, US  
 [72] ARIZA, EUGENIA, US  
 [72] BRUICE, THOMAS W., US  
 [72] WANG, GUANGYI, US  
 [72] BOYLE, NICHOLAS A., US  
 [72] BROOKS, JENNIFER L., US  
 [72] LEEDS, JANET M., US  
 [72] PRHAVC, MARIJA, US  
 [72] RAJWANSHI, VIVEK K., US  
 [72] TUCKER, KATHLEEN D., US  
 [71] BIOTA, INC., US  
 [85] 2004-08-30  
 [86] 2003-02-28 (PCT/US2003/006368)  
 [87] 2003-09-04 (WO2003/072757)  
 [30] US (60/360,915) 2002-02-28  
 [30] US (60/360,699) 2002-02-28

[21] **2,478,094**  
 [13] A1

[51] Int.Cl. 7A61K 31/13 7A61K 31/165  
**7A61K 31/44**  
 [25] EN  
**[54] METHODS OF INDUCING TERMINAL DIFFERENTIATION**  
**[54] PROCEDES D'INDUCTION DE DIFFERENTIATION TERMINALE**  
 [72] RICHON, VICTORIA M., US  
 [71] ATON PHARMA, INC., US  
 [85] 2004-09-07  
 [86] 2003-03-04 (PCT/US2003/006451)  
 [87] 2003-09-18 (WO2003/075839)  
 [30] US (60/361,759) 2002-03-04

## PCT Applications Entering the National Phase

---

[21] **2,478,096**  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7A61K 38/00  
7G01N 15/06 7G01N 1/14 7G01N 33/53  
[25] EN  
[54] MULTIPLEX DETECTION OF BIOLOGICAL MATERIALS IN A SAMPLE  
[54] DETECTION MULTIPLEX DE MATIERES BIOLOGIQUES DANS UN ECHANTILLON  
[72] CONNOLLY, DENNIS M., US  
[72] CHAFIN, DAVID R., US  
[71] INTEGRATED NANO-TECHNOLOGIES, LLC, US  
[85] 2004-09-01  
[86] 2003-03-07 (PCT/US2003/007215)  
[87] 2003-09-18 (WO2003/076902)  
[30] US (60/363,348) 2002-03-08

[21] **2,478,183**  
[13] A1

[51] Int.Cl. 7C07D 409/12 7C07D 255/04  
7C07D 401/12 7A61K 31/16 7C07D 213/64  
[25] EN  
[54] SUBSTITUTED AMIDES  
[54] AMIDES SUBSTITUÉS  
[72] HAGMANN, WILLIAM K., US  
[72] SHAH, SHRENIK K., US  
[72] LIN, LINUS S., US  
[72] QI, HONGBO, US  
[72] CHANG, LINDA L., US  
[72] GUTHIKONDA, RAVINDRA N., US  
[72] ARMSTRONG, HELEN M., US  
[72] LANZA, THOMAS J., JR., US  
[72] JEWELL, JAMES P., US  
[72] LIU, PING, US  
[71] MERCK & CO., INC., US  
[85] 2004-09-07  
[86] 2003-03-07 (PCT/US2003/007320)  
[87] 2003-09-25 (WO2003/077847)  
[30] US (60/363,597) 2002-03-12  
[30] US (60/428,351) 2002-11-22

[21] **2,478,220**  
[13] A1

[51] Int.Cl. 7C12N 5/06 7C12Q 1/02  
7C12Q 1/06  
[25] EN  
[54] METHOD FOR THE DETECTION OF PRION PROTEINS  
[54] PROCEDE  
[72] WEISSMANN, CHARLES, GB  
[72] STOLTZE, LARS, GB  
[72] KLOEHN, PETER, GB  
[72] FLECHSIG, ECKHARD, DE  
[72] ENARI, MASATO, JP  
[71] MEDICAL RESEARCH COUNCIL, GB  
[85] 2004-09-10  
[86] 2003-03-20 (PCT/GB2003/001313)  
[87] 2003-10-02 (WO2003/081249)  
[30] GB (0206585.2) 2002-03-20

[21] **2,478,302**  
[13] A1

[51] Int.Cl. 7C07D 219/10  
[25] EN  
[54] 9-AMINOACRIDINE DERIVATIVES AND PROCESS FOR THE PREPARATION THEREOF  
[54] DERIVES DE 9-AMINOACRIDINE ET PROCEDE DE PREPARATION  
[72] CHO, EUI-HWAN, KR  
[72] CHUNG, SUN-GAN, KR  
[72] LEE, SUN-HWAN, KR  
[72] KWON, HO-SEOK, KR  
[72] KANG, DONG-WOOK, KR  
[71] SAMJIN PHARMACEUTICAL CO., LTD., KR  
[85] 2004-09-08  
[86] 2002-03-07 (PCT/KR2002/000392)  
[87] 2003-09-12 (WO2003/074490)

[21] **2,478,236**  
[13] A1

[51] Int.Cl. 7C12M 1/42  
[25] EN  
[54] ELECTROPORATION CHAMBER  
[54] CHAMBRE D'ELECTROPORATION  
[72] MORRILL, JOHN, US  
[72] KASTE, KEITH, US  
[71] BIO-RAD LABORATORIES, INC., US  
[85] 2004-09-03  
[86] 2003-03-14 (PCT/US2003/008217)  
[87] 2003-10-02 (WO2003/080790)  
[30] US (10/105,037) 2002-03-20

[21] **2,478,412**  
[13] A1

[51] Int.Cl. 7C07K 5/06 7C07C 257/00  
7A61P 7/02 7A61K 38/04 7C07D 213/34  
7A61K 31/435  
[25] EN  
[54] INHIBITORS OF THE BLOOD-CLOTTING FACTOR XA, PRODUCTION THEREOF AND USE OF THE SAME  
[54] INHIBITEURS DU FACTEUR DE COAGULATION XA, LEUR PRODUCTION ET LEUR UTILISATION  
[72] STEINMETZER, TORSTEN, DE  
[72] SCHWEINITZ, ANDREA, DE  
[72] STUERZEBECHER, JOEG, DE  
[71] CURACYTE AG, DE  
[85] 2004-09-08  
[86] 2003-03-11 (PCT/EP2003/002487)  
[87] 2003-09-18 (WO2003/076457)  
[30] DE (102 10 590.1) 2002-03-11

[21] **2,478,275**  
[13] A1

[51] Int.Cl. 7C07D 217/20  
[25] EN  
[54] PROCESS FOR ASYMMETRIC HYDROGENATION OF HEXAHYDROQUINOLINE SALTS  
[54] PROCEDE D'HYDROGENATION ASYMETRIQUE DE SELS D'HEXAHYDROQUINOLINE  
[72] WANG, SHAONING, CH  
[72] SCALONE, MICHELANGELO, CH  
[72] PUENTENER, KURT, CH  
[71] DSM N.V., NL  
[85] 2004-09-07  
[86] 2003-03-13 (PCT/EP2003/002610)  
[87] 2003-09-25 (WO2003/078399)  
[30] EP (02006124.8) 2002-03-19

## Demandes PCT entrant en phase nationale

---

[21] **2,478,547**  
[13] A1

[51] Int.Cl. 7G01N 33/53 7G01N 33/557  
[25] EN  
[54] IDENTIFICATION OF HIGH AFFINITY MOLECULES BY LIMITED DILUTION SCREENING  
[54] IDENTIFICATION DE MOLECULES DE HAUTE AFFINITE PAR DEPISTAGE PAR DILUTIONS LIMITEES  
[72] ZHANG, LI, US  
[72] JIA, XIAO-CHI, US  
[72] BABCOOK, JOHN, CA  
[72] KANG, JASPAL SINGH, CA  
[71] ABGENIX, INC., US  
[85] 2004-09-01  
[86] 2002-12-02 (PCT/US2002/038530)  
[87] 2003-06-12 (WO2003/048730)  
[30] US (60/337,250) 2001-12-03

---

[21] **2,478,597**  
[13] A1

[51] Int.Cl. 7A47B 3/08  
[25] EN  
[54] TABLE  
[54] TABLE  
[72] JIN, JU-YOUNG, KR  
[71] LIFETIME PRODUCTS, INC., US  
[85] 2004-09-27  
[86] 2004-07-09 (PCT/US2004/021828)  
[87] 2005-01-09 (WO/)  
[30] US (60/485,754) 2003-07-09  
[30] US (60/485,817) 2003-07-09

---

[21] **2,478,605**  
[13] A1

[51] Int.Cl. 7G01N 33/48  
[25] EN  
[54] METHODS FOR IDENTIFYING LARGE SUBSETS OF DIFFERENTIALLY EXPRESSED GENES BASED ON MULTIVARIATE MICROARRAY DATA ANALYSIS  
[54] PROCEDES D'IDENTIFICATION DE SOUS-ENSEMBLES IMPORTANTS DE GENES EXPRIMES DE MANIERE DIFFERENTIELLE EN FONCTION D'ANALYSE DE DONNEES DE MICRORESEAU A VARIABLES MULTIPLES  
[72] BOUCHER, KENNETH, US  
[72] SZABO, ANIKO, US  
[72] YAKOVLEV, ANDREI, US  
[72] KLEBANOV, LEV, RU  
[72] JONES, DAVID, US  
[72] TSODIKOV, ALEXANDER, US  
[71] UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2004-09-02  
[86] 2003-03-07 (PCT/US2003/007103)  
[87] 2003-09-18 (WO2003/076928)  
[30] US (60/362,087) 2002-03-07

---

[21] **2,478,649**  
[13] A1

[51] Int.Cl. 7C12N 5/06 7A61P 37/00  
7C12N 5/08 7C12N 15/12 7A61K 38/17  
7G01N 33/50 7C07K 14/705  
[25] EN  
[54] MEANS AND METHODS FOR MANIPULATING HYPERSENSITIVITY-LIKE RESPONSES  
[54] DISPOSITIFS ET METHODES DE MANIPULATION DE REPONSES D'HYPERSENSIBILITE  
[72] NIJKAMP, FRANCISCUS PETRUS, NL  
[72] REDEGELD, FRANCISCUS ANTONIUS MARIA, NL  
[72] VIDARSSON, GESTUR, NL  
[72] VAN DE WINDEL, JOHANNES GERARDUS JOSEPH, NL  
[72] KRANEVELD, ALETTA DESIREE, NL  
[71] FORNIX BIOSCIENCES N.V., NL  
[85] 2004-09-03  
[86] 2003-03-05 (PCT/NL2003/000167)  
[87] 2003-09-12 (WO2003/074563)  
[30] EP (02075874.4) 2002-03-06  
[30] US (60/362,040) 2002-03-06  
[30] EP (02077352.9) 2002-06-14

---

[21] **2,478,680**  
[13] A1

[51] Int.Cl. 7C07K 17/06 7A61P 29/00  
7C07D 489/02 7C07K 7/06 7C07K 1/10  
7A61K 38/17 7A61K 47/22 7A61P 25/30  
7C07K 14/47 7A61K 47/48 7A61K 31/485  
[25] EN  
[54] CHIMERIC HYBRID ANALGESICS  
[54] ANALGESIQUES CHIMERES HYBRIDES  
[72] KREAM, RICHARD M., US  
[71] KREAM, RICHARD M., US  
[85] 2004-09-03  
[86] 2003-03-24 (PCT/US2003/009137)  
[87] 2003-11-06 (WO2003/090697)  
[30] US (10/134,187) 2002-04-26

---

[21] **2,478,699**  
[13] A1

[51] Int.Cl. 7G01N 33/58 7G01N 33/566  
7C07K 14/74  
[25] EN  
[54] IMMUNOASSAYS FOR .BETA.2-MICROGLOBULIN  
[54] DOSAGE IMMUNOLOGIQUE DE BETA2-MICROGLOBULINE  
[72] MONTERO-JULIAN, FELIX A., FR  
[72] NECKER, ANTJE, FR  
[71] BECKMAN COULTER, INC., US  
[85] 2004-09-09  
[86] 2003-03-10 (PCT/US2003/007611)  
[87] 2003-09-25 (WO2003/079023)  
[30] US (10/096,081) 2002-03-11

---

[21] **2,478,823**  
[13] A1

[51] Int.Cl. 7G01J 5/48  
[25] EN  
[54] METHOD FOR THE EVALUATION OF VELVET ANTLER  
[54] PROCEDE D'EVALUATION DE BOIS DE VELOURS  
[72] DESROCHES, GARRY B., CA  
[72] SCHAEFER, ALLAN L., CA  
[72] LEPAGE, PIERRE, CA  
[72] LAWRENCE, RICHARD A., CA  
[72] SUTTIE, JAMES M., NZ  
[71] DESROCHES, GARRY B., CA  
[71] SCHAEFER, ALLAN L., CA  
[71] LEPAGE, PIERRE, CA  
[71] LAWRENCE, RICHARD A., CA  
[71] SUTTIE, JAMES M., NZ  
[85] 2004-09-08  
[86] 2003-03-11 (PCT/CA2003/000334)  
[87] 2003-09-18 (WO2003/076929)  
[30] CA (2,375,870) 2002-03-11

## PCT Applications Entering the National Phase

---

**[21] 2,479,012**

[13] A1

[51] Int.Cl. 7C07D 235/32 7C07D 493/04  
 7C07D 401/12 7C07D 407/12 7C07D 413/  
 12 7C07D 417/12 7A61P 31/18 7C07D 235/  
 30 7A61K 31/415  
 [25] EN  
**[54] BROADSPECTRUM**  
**SUBSTITUTED BENZIMIDAZOLE**  
**SULFONAMIDE HIV PROTEASE**  
**INHIBITORS**  
**[54] INHIBITEURS DE PROTEASE DE**  
**VIH A BASE DE BENZIMIDAZOLE**  
**SULFONAMIDE SUBSTITUES A**  
**LARGE SPECTRE**  
 [72] VERGOUWEN, BERNHARD  
 JOANNA BERNARD, BE  
 [72] WIGERINCK, PIET TOM BERT  
 PAUL, BE  
 [72] SURLERAUX, DOMINIQUE LOUIS  
 NESTOR GHISLAIN, BE  
 [72] VENDEVILLE, SANDRINE MARIE  
 HELENE, BE  
 [72] VOETS, MARIEKE CHRISTIANE  
 JOHANNA, BE  
 [72] DE KOCK, HERMAN AUGUSTINUS,  
 BE  
 [71] TIBOTEC PHARMACEUTICALS  
 LTD., IE  
 [85] 2004-09-13  
 [86] 2003-03-12 (PCT/EP2003/050057)  
 [87] 2003-09-18 (WO2003/076413)  
 [30] EP (02075999.9) 2002-03-12

---

**[21] 2,479,016**

[13] A1

[51] Int.Cl. 7C07D 401/04 7C07D 471/04  
 7C07D 487/04 7A61P 9/12 7A61K 31/517  
 [25] EN  
**[54] QUINAZOLINE COMPOUNDS**  
**USEFUL IN THERAPY**  
**[54] COMPOSES DE QUINAZOLINE**  
**UTILES EN THERAPIE**  
 [72] STOBIE, ALAN, GB  
 [72] MATHIAS, JOHN PAUL, GB  
 [72] BLAGG, JULIAN, GB  
 [72] STEFANIAK, MARK HENRYK, GB  
 [72] LEWIS, MARK LLEWELLYN, GB  
 [72] FRAY, MICHAEL JONATHAN, GB  
 [71] PFIZER INC., US  
 [85] 2004-09-13  
 [86] 2003-03-05 (PCT/IB2003/000998)  
 [87] 2003-09-18 (WO2003/076427)  
 [30] GB (0206033.3) 2002-03-14

---

**[21] 2,479,116**

[13] A1

[51] Int.Cl. 7A61K 39/395  
 [25] EN  
**[54] TARGETED LIGANDS**  
**[54] LIGANDS CIBLES**  
 [72] HERMAN, WILLIAM, CA  
 [71] HERMAN, WILLIAM, CA  
 [85] 2004-09-09  
 [86] 2002-03-11 (PCT/CA2002/000317)  
 [87] 2002-09-19 (WO2002/072141)  
 [30] US (60/274,217) 2001-03-09  
 [30] US (60/276,911) 2001-03-20  
 [30] US (60/279,132) 2001-03-28  
 [30] US (60/281,029) 2001-04-04  
 [30] US (60/306,148) 2001-07-19  
 [30] CA (2,368,708) 2002-01-14

---

**[21] 2,479,187**

[13] A1

[51] Int.Cl. 7C07H 21/04 7A61K 48/00  
 [25] EN  
**[54] IMMUNOSTIMULATORY**  
**DOUBLE STRANDED RNA AND**  
**METHODS OF INDUCING,**  
**ENHANCING OR MODULATING THE**  
**IMMUNE RESPONSE**  
**[54] COMPOSITIONS ET PROCEDES**  
**PERMETTANT D'INITIER OU**  
**D'AMELIORER LES REPONSES DES**  
**CELLULES T LIMITEES PAR LE**  
**COMPLEXE MAJEUR**  
**D'HISTOCOMPATIBILITE DE CLASSE**  
**I OU II ET UN ANTICORPS AU MOYEN**  
**DE MOTIFS D'ARN NON CODANTS**  
**IMMUNOMODULATEURS**  
 [72] DELLAMARY, LUIS, US  
 [72] PHILLIPS, BILL, US  
 [72] SMITH, DAN, US  
 [72] BOT, ADRIAN I., US  
 [72] WANG, LILIN, US  
 [71] ASTRAL, INC., US  
 [85] 2004-09-14  
 [86] 2003-03-14 (PCT/US2003/007995)  
 [87] 2003-09-25 (WO2003/078595)  
 [30] US (60/364,490) 2002-03-15  
 [30] US (60/412,219) 2002-09-20

---

**[21] 2,479,270**

[13] A1

[51] Int.Cl. 7C07K 16/12 7C07K 16/02  
 [25] EN  
**[54] ANTIBODIES FOR PREVENTING**  
**AND TREATING ATTACHING AND**  
**EFFACING ESCHERICHIA COLI**  
**(AEEC) ASSOCIATED DISEASES**  
**[54] ANTICORPS POUR LA**  
**PREVENTION ET LE TRAITEMENT**  
**CONTRE LES MALADIES ASSOCIEES**  
**A DES SOUCHES D'ESCHERICHIA**  
**COLI ATTACHANTES ET**  
**EFFAYANTES(AEEC)**  
 [72] FAIRBROTHER, JOHN M., CA  
 [72] BATISSON, ISABELLE, FR  
 [72] HAREL, JOSEE, CA  
 [72] GUIMOND, MARIE-PIERRE, CA  
 [72] GIRARD, FRANCIS, CA  
 [71] VALORISATION-RECHERCHE,  
 SOCIETE EN COMMANDITE, CA  
 [85] 2004-09-14  
 [86] 2002-03-14 (PCT/CA2002/000353)  
 [87] 2002-09-26 (WO2002/074812)  
 [30] CA (2,339,436) 2001-03-15

---

**[21] 2,479,297**

[13] A1

[51] Int.Cl. 7G01N 31/00  
 [25] EN  
**[54] OPTICAL IMAGING OF**  
**NANOSTRUCTURED SUBSTRATES**  
**[54] IMAGERIE OPTIQUE DE**  
**SUBSTRATS NANOSTRUCTURES**  
 [72] ABBOTT, NICHOLAS, US  
 [72] NEALEY, PAUL, US  
 [71] WISCONSIN ALUMNI RESEARCH  
 FOUNDATION, US  
 [85] 2004-09-15  
 [86] 2003-01-10 (PCT/US2003/000865)  
 [87] 2003-10-02 (WO2003/081230)  
 [30] US (10/102,540) 2002-03-20

---

**[21] 2,479,304**

[13] A1

[51] Int.Cl. 7A61K 39/12 7C07K 14/025  
 7C12N 7/04  
 [25] EN  
**[54] VIRUS-LIKE PARTICLES OF**  
**HUMAN PAPILLOMAVIRUS**  
**[54] ANTIGENES VIRAUX**  
 [72] WETTENDORFF, MARTINE ANNE  
 CECILE, BE  
 [71] GLAXOSMITHKLINE  
 BIOLOGICALS S.A., BE  
 [85] 2004-09-14  
 [86] 2003-03-17 (PCT/EP2003/002826)  
 [87] 2003-09-25 (WO2003/077942)  
 [30] GB (0206360.0) 2002-03-18

---

## Demandes PCT entrant en phase nationale

---

[21] 2,479,306  
[13] A1

[51] Int.Cl. 7A61K 39/395 7A61K 39/40  
[25] EN  
[54] EGFR LIGANDS AND METHODS OF USE  
[54] LIGANDS DU RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE (R-EGF), ET PROCEDES D'UTILISATION  
[72] DEBINSKI, WALDEMAR, US  
[71] PENN STATE RESEARCH FOUNDATION, US  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/US2003/008375)  
[87] 2003-10-02 (WO2003/080569)  
[30] US (60/365,576) 2002-03-19

---

[21] 2,479,315  
[13] A1

[51] Int.Cl. 7A61K 39/39  
[25] EN  
[54] IMPROVEMENTS IN VACCINATION  
[54] AMELIORATIONS APPORTEES A DES TECHNIQUES DE VACCINATION  
[72] TITE, JOHN PHILIP, GB  
[72] THOMSEN, LINDY LOUISE, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2004-09-14  
[86] 2003-03-18 (PCT/EP2003/002878)  
[87] 2003-09-25 (WO2003/077944)  
[30] GB (0206461.6) 2002-03-19

---

[21] 2,479,506  
[13] A1

[51] Int.Cl. 7G01C 21/20 7A61H 3/06  
7A61F 9/08 7G01S 5/14  
[25] EN  
[54] WIRELESS HANDHELD NAVIGATION SYSTEM FOR VISUALLY IMPAIRED PEDESTRIANS  
[54] SYSTEME MANUEL DE NAVIGATION RADIO POUR PIETONS HANDICAPES VISUELS  
[72] HAMEL, PIERRE, CA  
[72] GAUDET, MANON, CA  
[72] PEPIN, GILLES, CA  
[71] VISUAIDE INC., CA  
[85] 2004-09-28  
[86] 2003-03-20 (PCT/CA2003/000412)  
[87] 2003-09-25 (WO2003/078929)  
[30] US (60/365,523) 2002-03-20

---

[21] 2,479,679  
[13] A1

[51] Int.Cl. 7C12N 5/00 7A61K 48/00  
7A01N 63/00  
[25] EN  
[54] METHODS OF INDUCING DIFFERENTIATION IN EX VIVO EXPANDED STEM CELLS  
[54] PROCEDES PERMETTANT D'INDUIRE LA DIFFERENCIATION DANS DES CELLULES SOUCHES EXPANSEES EX VIVO  
[72] TREVES, AVI, IL  
[72] PELED, TONY, IL  
[71] GAMIDA-CELL LTD., IL  
[85] 2004-09-17  
[86] 2003-03-18 (PCT/IL2003/000235)  
[87] 2003-09-25 (WO2003/078567)  
[30] US (60/364,590) 2002-03-18  
[30] IL (PCT/IL03/00062) 2003-01-23  
[30] IL (PCT/IL03/00064) 2003-01-26  
[30] US (60/452,545) 2003-03-07

---

[21] 2,479,714  
[13] A1

[51] Int.Cl. 7C07J 41/00 7A61P 31/04  
7A61K 31/57  
[25] EN  
[54] BRANCHED POLYAMINE STEROID DERIVATIVES  
[54] DERIVES DE POLYAMINES STEROIDES RAMIFIEES  
[72] DUVOLD, TORE, DK  
[71] LEO PHARMA A/S, DK  
[85] 2004-09-17  
[86] 2003-04-04 (PCT/DK2003/000220)  
[87] 2003-10-23 (WO2003/087121)  
[30] US (60/369,864) 2002-04-05

---

[21] 2,479,736  
[13] A1

[51] Int.Cl. 7C12P 7/10 7C12N 1/19  
[25] EN  
[54] METABOLIC ENGINEERING FOR IMPROVED XYLOSE UTILISATION OF SACCHAROMYCES CEREVISIAE  
[54] GENIE METABOLIQUE UTILE POUR UNE UTILISATION AMELIOREE DU XYLOSE DANS SACCHAROMYCES CEREVISIAE  
[72] WAHLBOM, FREDRIK, SE  
[72] SONDEREGGER, MARCO, IT  
[72] SAUER, UWE ERICH, CH  
[71] FORSKARPATENT I SYD AB, SE  
[85] 2004-09-16  
[86] 2003-03-17 (PCT/SE2003/000438)  
[87] 2003-09-25 (WO2003/078643)  
[30] SE (0200857-1) 2002-03-19

---

[21] 2,479,807  
[13] A1

[51] Int.Cl. 7A61K 38/48 7C07K 17/08  
7C12N 11/08 7A61K 38/46 7C12N 9/96  
[25] EN  
[54] ANTIMICROBIAL POLYMER CONJUGATES  
[54] CONJUGUES DE POLYMERES ANTIMICROBIENS  
[72] WALSH, SCOTT, US  
[72] SHAH, ANJALI, US  
[72] MOND, JAMES, US  
[72] LEES, ANDREW, US  
[72] DRABICK, JOSEPH, US  
[71] BIOSYNEXUS INCORPORATED, US  
[85] 2004-09-15  
[86] 2003-03-26 (PCT/US2003/009279)  
[87] 2003-10-09 (WO2003/082926)  
[30] US (60/368,112) 2002-03-26

---

[21] 2,479,840  
[13] A1

[51] Int.Cl. 7C12N 5/00 7C12N 5/02  
7C12N 5/06 7C12N 5/08  
[25] EN  
[54] REDIFFERENTIATED CELLS FOR REPAIRING CARTILAGE DEFECTS  
[54] CELLULES REDIFFERENCIEES UTILISEES POUR REPARER LES DEFAUTS DU CARTILAGE  
[72] FRENCH, MARGARET M., US  
[72] ATHANASIOU, KYRIACOS A., US  
[71] WILLIAM MARSH RICE UNIVERSITY, US  
[85] 2004-09-17  
[86] 2003-04-02 (PCT/US2003/010076)  
[87] 2003-10-16 (WO2003/084385)  
[30] US (60/369,421) 2002-04-02

---

[21] 2,479,920  
[13] A1

[51] Int.Cl. 7A61K 38/00 7A61K 39/00  
7A61K 45/00 7C07H 21/02 7C07H 21/04  
7A01N 37/18 7A61K 9/50 7A61K 31/70  
[25] EN  
[54] MICROGEL PARTICLES FOR THE DELIVERY OF BIOACTIVE MATERIALS  
[54] PARTICULES DE MICROGEL POUR L'ADMINISTRATION DE MATIERES BIOACTIVES  
[72] MURTHY, NIREN, US  
[72] FRECHET, JEAN M. J., US  
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US  
[85] 2004-09-20  
[86] 2003-03-28 (PCT/US2003/009849)  
[87] 2003-10-09 (WO2003/082316)  
[30] US (60/368,576) 2002-03-29

## PCT Applications Entering the National Phase

---

[21] 2,479,939  
[13] A1

[51] Int.Cl. 7A61K 38/03 7A61K 39/00  
7A61K 45/00 7C07K 4/00  
[25] EN  
[54] IMMUNOSUPPRESSANT COMPOUNDS, METHODS AND USES RELATED THERETO  
[54] COMPOSES IMMUNOSUPPRESSEURS, METHODES ET UTILISATIONS ASSOCIEES  
[72] BRANDSTETTER, TILMANN, DE  
[72] NAGY, ZOLTAN, DE  
[71] GPC BIOTECH AG, DE  
[85] 2004-09-20  
[86] 2003-03-24 (PCT/US2003/009219)  
[87] 2003-10-09 (WO2003/082197)  
[30] US (60/367,123) 2002-03-22

---

[21] 2,480,018  
[13] A1

[51] Int.Cl. 7A01K 67/00  
[25] EN  
[54] THE FUNCTIONAL DISRUPTION OF AVIAN IMMUNOGLOBULIN GENES  
[54] DISSOCIATION FONCTIONNELLE DE GENES D'IMMUNOGLOBULINES AVIAIRES  
[72] ZHU, LEI, US  
[72] KAY, ROBERT M., US  
[72] ETCHEZ, ROBERT J., US  
[71] ORIGEN THERAPEUTICS, US  
[85] 2004-09-21  
[86] 2003-03-24 (PCT/US2003/009178)  
[87] 2003-10-09 (WO2003/081992)  
[30] US (10/104,486) 2002-03-22

---

[21] 2,480,123  
[13] A1

[51] Int.Cl. 7A61K 9/08 7A61K 9/10  
7A61K 9/72  
[25] EN  
[54] HIGHLY AQUEOUS LIQUID CARRIER FORMULATIONS  
[54] FORMULATIONS DE SUPPORT LIQUIDES A TENEUR EN EAU ELEVEE  
[72] COWAN, SIU MAN L., US  
[72] PALMER, DONNA T., US  
[71] BATTELLEPHARMA, INC., US  
[85] 2004-09-22  
[86] 2003-03-17 (PCT/US2003/008157)  
[87] 2003-10-09 (WO2003/082242)  
[30] US (10/104,662) 2002-03-22

---

[21] 2,480,164  
[13] A1

[51] Int.Cl. 7C12Q 1/68  
[25] EN  
[54] HYBRIDIZATION RATE ENHANCEMENT FOR SUBSTRATE-BOUND SPECIFIC NUCLEIC ACID-BINDING AGENTS  
[54] AUGMENTATION DU TAUX D'HYBRIDATION POUR AGENTS DE LIAISON A UN ACIDE NUCLEIQUE SPECIFIQUE LIES A UN SUBSTRAT  
[72] POWDRILL, TOM, US  
[72] GUNNING, KERRY B., US  
[72] HOGAN, MICHAEL, US  
[71] SIGMA-GENOSYS, L.P., US  
[85] 2004-09-21  
[86] 2003-03-21 (PCT/US2003/008925)  
[87] 2003-10-09 (WO2003/083055)  
[30] US (10/104,307) 2002-03-22

---

[21] 2,480,170  
[13] A1

[51] Int.Cl. 7C12Q 1/00 7C12Q 1/42  
7C12Q 1/48 7G01N 33/53  
[25] EN  
[54] HYBRID PHOSPHOINOSITIDE PHOSPHOLIPIDS: COMPOSITIONS AND USES  
[54] COMPOSITIONS DE PHOSPHOLIPIDES- PHOSPHOINOSITIDES HYBRIDES ET UTILISATIONS DE CES COMPOSITIONS  
[72] PRESTWICH, GLENN, US  
[72] RZEPECKI, PIOTR W., US  
[72] NEILSEN, PAUL O., US  
[72] FERGUSON, COLIN G., US  
[72] BRANCH, ANGIE, US  
[72] CROSBY, LEE R., US  
[71] THE UNIVERSITY OF UTAH RESEARCH FOUNDATION, US  
[85] 2004-09-21  
[86] 2003-03-31 (PCT/US2003/009858)  
[87] 2003-10-09 (WO2003/082903)  
[30] US (60/368,556) 2002-03-29  
[30] US (60/392,783) 2002-06-28

---

[21] 2,480,190  
[13] A1

[51] Int.Cl. 7C12N 5/00 7C12N 5/02  
7C12N 5/08  
[25] EN  
[54] ENDOTHELIAL CELLS DERIVED FROM HUMAN EMBRYONIC STEM CELLS  
[54] CELLULES ENDOTHELIALES DERIVEES DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES  
[72] ITSKOVITZ-ELDOR, JOSEPH, IL  
[72] AMIT, MICHAL, IL  
[72] LEVENBERG, SHULAMIT, US  
[72] LANGER, ROBERT S., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[71] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION, LTD., IL  
[85] 2004-09-21  
[86] 2003-03-26 (PCT/US2003/009457)  
[87] 2003-10-09 (WO2003/083070)  
[30] US (60/367,689) 2002-03-26

---

[21] 2,480,200  
[13] A1

[51] Int.Cl. 7G01N 33/558  
[25] EN  
[54] METHODS AND APPARATUS FOR SEPARATION AND ISOLATION OF COMPONENTS FROM A BIOLOGICAL SAMPLE  
[54] PROCEDES, SYSTEMES ET APPAREILS DE SEPARATION ET D'ISOLATION D'AU MOINS UN COMPOSE D'ECHANTILLON D'UNE MATIERE BIOLOGIQUE D'ECHANTILLON  
[72] DUBROW, ROBERT S., US  
[72] BOUSSE, LUC J., US  
[72] PHAN, HUAN L., US  
[71] CALIPER LIFE SCIENCES, INC., US  
[85] 2004-09-23  
[86] 2003-03-27 (PCT/US2003/009628)  
[87] 2003-10-16 (WO2003/084629)  
[30] US (60/369,371) 2002-04-02

## Demandes PCT entrant en phase nationale

---

**[21] 2,480,216**  
[13] A1

[51] Int.Cl. 7G01N 33/48  
[25] EN  
[54] HUMAN METABOLIC MODELS AND METHODS  
[54] MODELES DE METABOLISMES HUMAINS, ET PROCEDES ASSOCIES  
[72] FAMILI, IMANDOKHT, US  
[72] SCHILLING, CHRISTOPHE H., US  
[72] PALSSON, BERNHARD O., US  
[72] COVERT, MARKUS W., US  
[71] GENOMATICA, INC., US  
[85] 2004-09-22  
[86] 2003-03-27 (PCT/US2003/009751)  
[87] 2003-10-09 (WO2003/082214)  
[30] US (60/368,588) 2002-03-29

---

**[21] 2,480,326**  
[13] A1

[51] Int.Cl. 7C07K 14/705  
[25] EN  
[54] KNOCKOUT MICE AND THEIR USE  
[54] SOURIS INACTIVEES ET LEUR UTILISATION  
[72] GULLBERG, DONALD, SE  
[72] LUNDGREN-.ANG.KERLUND, EVY, SE  
[71] CARTELA AB, SE  
[85] 2004-09-24  
[86] 2003-04-11 (PCT/SE2003/000584)  
[87] 2003-12-11 (WO2003/101497)  
[30] SE (0201130-2) 2002-04-12  
[30] US (60/371,731) 2002-04-12

---

**[21] 2,480,494**  
[13] A1

[51] Int.Cl. 7C07K 14/435 7A61K 38/17 7G01N 33/53  
[25] EN  
[54] SYNTHETIC ACTIVE PEPTIDE FRAGMENTS  
[54] FRAGMENTS DE PEPTIDES ACTIFS SYNTHETIQUES  
[72] ALMEIDA, MARILIA SIRIANNI DOS SANTOS, BR  
[72] DE BARRIENTOS, FRANK JEFFERSON ALARCON, BR  
[72] VILAR, MONICA MAGNO, BR  
[72] TENDLER, MIRIAM, BR  
[72] SIMPSON, ANDREW JOHN GEORGE, BR  
[72] KATZ, NAFTALE, BR  
[72] GARRAT, RICHARD CHARLES, BR  
[71] FUNDACAO OSWALDO CRUZ - FIOCRUZ, BR  
[85] 2004-10-01  
[86] 2003-04-01 (PCT/BR2003/000051)  
[87] 2003-10-09 (WO2003/082897)  
[30] US (10/113,946) 2002-04-02

---

**[21] 2,480,515**  
[13] A1

[51] Int.Cl. 7C12H 1/04 7B01D 37/02  
[25] EN  
[54] USE OF POLYMERS COMPRISING THERMOPLASTIC POLYMERS AS FILTRATION AIDS AND/OR STABILISING AGENT  
[54] UTILISATION DE POLYMERISATS CONTENANT DES POLYMERES THERMOPLASTIQUES COMME ADJUVANTS DE FILTRAGE ET/OU STABILISANTS  
[72] DROHMANN, CHRISTIAN, BE  
[72] HAMM DE BANTLEON, ELISA, DE  
[72] MUELLER, FRANK, DE  
[72] MATHAUER, KLEMENS, DE  
[72] KESSLER, THOMAS, DE  
[72] PETSCHE, TOBIAS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-09-24  
[86] 2003-04-02 (PCT/EP2003/003439)  
[87] 2003-10-16 (WO2003/084639)  
[30] DE (102 15 147.4) 2002-04-05

**[21] 2,480,639**  
[13] A1

[51] Int.Cl. 7C12N 15/53 7C12P 19/36 7C07K 1/22 7C12P 19/36  
[25] EN  
[54] NAD PHOSPHITE OXIDOREDUCTASE A NOVEL CATALYST FROM BACTERIA FOR REGENERATION OF NAD(P)H  
[54] NAD PHOSPHITE OXYDOREDUCTASE, NOUVEAU CATALYSEUR PROVENANT DE BACTERIES UTILE POUR REGENERER LE NAD(P)H  
[72] GARCIA COSTAS, AMAYA M., US  
[72] METCALF, WILLIAM, US  
[72] VAN DER DONK, WILFRED A., US  
[72] WHITE, ANDREA K., US  
[72] VRTIS, JENNIFER M., US  
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US  
[85] 2004-09-28  
[86] 2003-02-21 (PCT/US2003/005360)  
[87] 2003-09-04 (WO2003/072726)  
[30] US (60/359,091) 2002-02-22

---

**[21] 2,480,811**  
[13] A1

[51] Int.Cl. 7C12N 15/12 7A61P 35/00 7A61K 38/17 7C07K 16/32 7A61K 39/395 7A61K 38/46 7A61K 47/48 7G01N 33/574 7C12Q 1/68 7A61K 31/7088 7C07K 14/82  
[25] EN  
[54] NUCLEIC ACID AND CORRESPONDING PROTEIN ENTITLED 213P1F11 USEFUL IN TREATMENT AND DETECTION OF CANCER  
[54] ACIDE NUCLEIQUE ET PROTEINE CORRESPONDANTE 213P1F11 QUE L'ON UTILISE DANS LE TRAITEMENT ET LA DETECTION DU CANCER  
[72] FARIS, MARY, US  
[72] JAKOBOWITS, AYA, US  
[72] RAITANO, ARTHUR B., US  
[72] HUBERT, RENE S., US  
[72] MORRISON, ROBERT KENDALL, US  
[72] CHALLITA-EID, PIA M., US  
[72] GE, WANGMAO, US  
[71] AGENSYS, INC., US  
[85] 2004-09-29  
[86] 2002-04-01 (PCT/US2002/010220)  
[87] 2003-10-16 (WO2003/085121)

## PCT Applications Entering the National Phase

---

[21] 2,481,238  
[13] A1

[51] Int.Cl. 7C07H 21/02 7C07H 21/00  
7A61K 45/00 7C12Q 1/02 7A01K 67/027  
7C07K 16/18 7A61P 25/18 7C12Q 1/68  
[25] EN  
[54] TARGETS, METHODS, AND REAGENTS FOR DIAGNOSIS AND TREATMENT OF SCHIZOPHRENIA  
[54] CIBLES, PROCEDES ET REACTIFS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE LA SCHIZOPHRENIE  
[72] TONEGAWA, SUSUMU, US  
[72] MIYAKAWA, TSUYOSHI, JP  
[72] KARAYIORGOU, MARIA, US  
[72] GERBER, DAVID J., US  
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US  
[71] ROCKEFELLER UNIVERSITY, US  
[85] 2004-09-27  
[86] 2003-03-26 (PCT/US2003/009578)  
[87] 2003-10-09 (WO2003/082210)  
[30] US (60/367,944) 2002-03-26  
[30] US (60/452,813) 2003-03-07

---

[21] 2,481,719  
[13] A1

[51] Int.Cl. 7A61K 39/275  
[25] EN  
[54] MODIFIED CEA NUCLEIC ACID AND EXPRESSION VECTORS  
[54] ACIDE NUCLEIQUE D'ANTIGENE CARCINOEMBRYONNAIRE MODIFIE ET VECTEURS D'EXPRESSION  
[72] GREENHALGH, TRISH, US  
[72] GRITZ, LINDA R., US  
[72] PARRINGTON, MARK, CA  
[72] ZHANG, LINONG, CA  
[72] ROVINSKI, BENI, CA  
[71] AVENTIS PASTEUR LIMITED, CA  
[71] THERION BIOLOGICS CORPORATION, US  
[85] 2004-10-05  
[86] 2003-04-09 (PCT/US2003/010916)  
[87] 2003-10-16 (WO2003/085087)  
[30] US (60/372,972) 2002-04-09

---

[21] 2,481,827  
[13] A1

[51] Int.Cl. 7C12N 15/12 7C07H 21/00  
7C07K 19/00 7A01K 67/027 7C07K 16/28  
7G01N 33/566 7C07K 14/705  
[25] EN  
[54] POLYVALENT CATION-SENSING RECEPTOR IN ATLANTIC SALMON  
[54] RECEPTEUR DETECTANT LES CATIONS POLYVALENTS DANS DU SAUMON ATLANTIQUE  
[72] NEARING, JACQUELINE, US  
[72] HARRIS, H. WILLIAM JR., US  
[72] BETKA, MARLIES, US  
[71] MARICAL, INC., US  
[85] 2004-10-07  
[86] 2003-04-09 (PCT/US2003/011188)  
[87] 2003-10-23 (WO2003/087331)  
[30] US (10/121,441) 2002-04-11  
[30] US (10/125,778) 2002-04-18  
[30] US (10/125,772) 2002-04-18  
[30] US (10/125,792) 2002-04-18

---

[21] 2,482,077  
[13] A1

[51] Int.Cl. 7B81B 7/00  
[25] FR  
[54] PROCEDE DE FABRICATION D'UNE MICROSTRUCTURE COMPORTANT UNE CAVITE SOUS VIDE ET MICROSTRUCTURE  
[54] METHOD FOR THE PRODUCTION OF A MICROSTRUCTURE COMPRISING A VACUUM CAVITY AND MICROSTRUCTURE  
[72] THOMAS, ISABELLE, FR  
[72] LEFORT, PIERRE-OLIVIER, FR  
[71] THALES, FR  
[85] 2004-10-08  
[86] 2003-04-01 (PCT/FR2003/001012)  
[87] 2003-10-23 (WO2003/086957)  
[30] FR (02/04628) 2002-04-12

---

[21] 2,482,125  
[13] A1

[51] Int.Cl. 7H02K 21/12 7H02K 1/27  
[25] FR  
[54] MACHINE ELECTRIQUE A FLUX TRANSVERSE A ROTOR DENTELE  
[54] TRANSVERSE FLOW ELECTRIC MACHINE WITH A TOOTHED ROTOR  
[72] DUBOIS, MAXIME, CA  
[72] FERREIRA, JAN ABRAHAM, NL  
[72] POLINDER, HENK, NL  
[71] EO CYCLE TECHNOLOGIES INC., CA  
[85] 2004-10-08  
[86] 2003-04-07 (PCT/CA2003/000518)  
[87] 2003-10-23 (WO2003/088454)  
[30] US (60/371,422) 2002-04-11

---

[21] 2,482,154  
[13] A1

[51] Int.Cl. 7B41J 2/01 7B23K 26/02  
7B23K 26/04 7B23K 26/08 7B23K 26/18  
[25] FR  
[54] PERIPHERIQUE PERMETTANT L'IMPRESSION ET LA DECOUPE DE FEUILLES DE PAPIER A L'AIDE D'UNE SOURCE LASER DE FAIBLE PUISSANCE  
[54] PERIPHERAL WHICH CAN BE USED TO PRINT AND CUT SHEETS OF PAPER USING A LOW-POWER LASER SOURCE  
[72] ACHER, OLIVIER, FR  
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE, FR  
[71] ACHER, OLIVIER, FR  
[85] 2004-09-27  
[86] 2004-01-21 (PCT/FR2004/050020)  
[87] 2004-08-19 (WO2004/069542)  
[30] FR (0300911) 2003-01-28

---

[21] 2,482,291  
[13] A1

[51] Int.Cl. 7A61B 10/00 7A61B 5/055  
7G01R 33/34  
[25] EN  
[54] BIOPSY AND SAMPLING NEEDLE ANTENNAS FOR MAGNETIC RESONANCE IMAGING-GUIDED BIOPSIES  
[54] ANTENNES AIGUILLE D'ECHANTILLONNAGE ET DE BIOPSIE DESTINEES A DES BIOPSIES GUIDEES PAR IMAGERIE PAR RESONANCE MAGNETIQUE (IRM)  
[72] KUMAR, ANANDA, US  
[72] ATALAR, ERGIN, US  
[72] OCALI, OGUN, US  
[71] SURGI-VISION, INC., US  
[85] 2004-10-25  
[86] 2002-04-24 (PCT/US2002/012867)  
[87] 2002-10-31 (WO2002/085216)  
[30] US (60/286,271) 2001-04-24

## Demandes PCT entrant en phase nationale

---

**[21] 2,482,316**  
[13] A1

[51] Int.Cl. 7B65H 26/00  
[25] EN  
[54] WEB TENSION EQUALIZING ROLL AND TRACKING APPARATUS  
[54] ROULEAU EGALISATEUR DE TENSION DE BANDE ET APPAREIL DE SUIVI  
[72] HARRIS, JACK C., US  
[71] VISIONARY SOLUTIONS, LLC, US  
[85] 2004-10-25  
[86] 2002-09-10 (PCT/US2002/028640)  
[87] 2003-04-17 (WO2003/031298)  
[30] US (09/950,494) 2001-09-11

---

**[21] 2,482,550**  
[13] A1

[51] Int.Cl. 7C06C 5/06 7F42B 4/24  
[25] EN  
[54] SAFETY FUSE CONNECTOR  
[54] CONNECTEUR DE MECHE DE SURETE  
[72] YU, PETER SUNG YAN, US  
[71] AMERICAN PROMOTIONAL EVENTS, INC., US  
[85] 2004-10-25  
[86] 2002-06-28 (PCT/US2002/020493)  
[87] 2003-11-20 (WO2003/095394)  
[30] US (10/063,464) 2002-04-25

---

**[21] 2,482,566**  
[13] A1

[51] Int.Cl. 7G01N 37/00 7G03F 7/00  
7C12Q 1/68  
[25] EN  
[54] GRADIENT STRUCTURES INTERFACING MICROFLUIDICS AND NANOFUIDICS, METHODS FOR FABRICATION AND USES THEREOF  
[54] STRUCTURES DE GRADIENT INTERFACANT DES ELEMENTS MICROFLUIDIQUES ET DES ELEMENTS NANOFUIDIQUES, LEURS PROCEDES DE FABRICATION ET D'UTILISATION  
[72] CAO, HAN, US  
[72] CHOU, STEPHEN Y., US  
[72] TEGENFELDT, JONAS, US  
[71] PRINCETON UNIVERSITY, US  
[85] 2004-10-13  
[86] 2003-04-16 (PCT/US2003/011721)  
[87] 2003-12-24 (WO2003/106693)  
[30] US (60/373,409) 2002-04-16  
[30] US (60/419,742) 2002-10-18  
[30] US (10/414,620) 2003-04-16

---

**[21] 2,483,127**  
[13] A1

[51] Int.Cl. 7B05B 7/24  
[25] EN  
[54] VALVE CLOSURE FOR SPRAY GUN RESERVOIR  
[54] FERMETURE DE TYPE ROBINET POUR RESERVOIR DE PISTOLET DE PULVERISATION  
[72] BOUCIC, PHILIP J., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-10-25  
[86] 2003-05-07 (PCT/US2003/014306)  
[87] 2003-11-20 (WO2003/095101)  
[30] GB (0210448.7) 2002-05-08

---

**[21] 2,483,223**  
[13] A1

[51] Int.Cl. 7B29C 37/00  
[25] EN  
[54] DEVICE FOR CAREFULLY DETACHING AND REMOVING A PRESS-MOLDED PART FROM A DIE  
[54] DISPOSITIF POUR DEGAGER ET RETIRER SANS L'ABIMER UNE PIECE MOULEE PAR PRESSION D'UN OUTIL DE MOULAGE PAR PRESSION  
[72] HABISREITINGER, UWE, DE  
[72] NORDMANN, BERNHARD, DE  
[71] DAIMLERCHRYSLER AEROSPACE AG, DE  
[85] 2004-10-25  
[86] 2003-03-15 (PCT/EP2003/002727)  
[87] 2003-11-13 (WO2003/092978)  
[30] DE (102 19 276.6) 2002-04-30

---

**[21] 2,483,228**  
[13] A1

[51] Int.Cl. 7C07D 211/72 7C07D 453/06  
7C07D 401/12 7C07D 403/12 7C07D 409/12 7C07D 207/22 7C07D 265/30 7C07D 233/46 7C07D 233/48 7C07D 213/73  
[25] EN  
[54] CARBOXYLIC ACID AMIDES  
[54] AMIDES D'ACIDE  
CARBOXYLIQUE SERVANT D'INHIBITEURS DU FACTEUR DE COAGULATION XA  
[72] BARNES, CHRISTOPHER, DE  
[72] MEDERSKI, WERNER, DE  
[72] TSAKLAKIDIS, CHRISTOS, DE  
[72] CEZANNE, BERTRAM, DE  
[72] GLEITZ, JOHANNES, DE  
[72] DORSCH, DIETER, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG, DE  
[85] 2004-10-25  
[86] 2003-03-31 (PCT/EP2003/003331)  
[87] 2003-11-13 (WO2003/093235)  
[30] DE (102 18 974.9) 2002-04-27  
[30] DE (102 36 868.6) 2002-08-12

---

**[21] 2,483,260**  
[13] A1

[51] Int.Cl. 7C23C 14/22 7C23C 14/02  
7C03C 17/34 7C23C 14/34 7C23C 14/56  
[25] EN  
[54] SPUTTER COATING APPARATUS INCLUDING ION BEAM SOURCE(S), AND CORRESPONDING METHOD  
[54] APPAREIL DE REVETEMENT PAR PULVERISATION COMPRENANT UNE OU PLUSIEURS SOURCES DE FAISCEAUX IONIQUES, ET PROCEDE CORRESPONDANT  
[72] THOMSEN, SCOTT V., US  
[72] WALTON, HUGH A., US  
[71] GUARDIAN INDUSTRIES CORP., US  
[85] 2004-10-25  
[86] 2003-05-06 (PCT/US2003/014066)  
[87] 2003-11-20 (WO2003/095695)  
[30] US (60/377,620) 2002-05-06  
[30] US (60/431,192) 2002-12-06

## PCT Applications Entering the National Phase

---

**[21] 2,483,274**  
[13] A1

[51] Int.Cl. 7B64F 1/305  
[25] EN  
[54] BEACON DOCKING SYSTEM FOR AUTOMATICALLY ALIGNING A PASSENGER LOADING BRIDGE TO A DOORWAY OF AN AIRCRAFT  
[54] SYSTEME D'ARRIMAGE A BALISE DESTINE A ALIGNER AUTOMATIQUEMENT UNE PASSERELLE PASSAGERS SUR LA PORTE D'UN AVION  
[72] IBRAHIM, RAMI, CA  
[72] HUTTON, NEIL, CA  
[71] DEW ENGINEERING AND DEVELOPMENT LIMITED, CA  
[85] 2004-10-25  
[86] 2003-05-07 (PCT/CA2003/001166)  
[87] 2003-11-20 (WO2003/095306)  
[30] US (10/139,376) 2002-05-07

**[21] 2,483,275**  
[13] A1

[51] Int.Cl. 7A61K 31/165 7A61P 27/02  
7A61P 27/06 7A61K 31/196  
[25] EN  
[54] METHOD OF TREATING VASCULAR ENDOTHELIAL GROWTH FACTOR MEDIATED VASCULAR DISORDERS USING AMFENAC OR NEPAFENAC  
[54] PROCEDE DE TRAITEMENT DES TROUBLES VASCULAIRES MEDIES PAR LE FACTEUR DE CROISSANCE ENDOTHELIAL  
[72] GAMACHE, DANIEL A., US  
[72] YANNI, JOHN M., US  
[72] BINGAMAN, DAVID P., US  
[72] GRAFF, GUSTAV, US  
[72] KAPIN, MICHAEL A., US  
[71] ALCON, INC., CH  
[85] 2004-10-25  
[86] 2003-04-16 (PCT/US2003/011769)  
[87] 2003-11-13 (WO2003/092669)  
[30] US (60/377,429) 2002-05-03

**[21] 2,483,276**  
[13] A1

[51] Int.Cl. 7H04N 7/16 7H04N 7/20  
[25] EN  
[54] REMOTE MONITORING SYSTEM  
[54] SYSTEME DE SURVEILLANCE A DISTANCE  
[72] THAW, MICHAEL J., US  
[72] KIKTA, JACEK J., US  
[72] PHILLIPS, DENIS P., US  
[72] FITZSIMMONS, JOHN E., US  
[72] DARISH, JAY L., US  
[71] RADIANT COMMUNICATIONS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-23 (PCT/US2003/012517)  
[87] 2003-11-20 (WO2003/096549)  
[30] US (10/142,236) 2002-05-09  
[30] US (10/198,017) 2002-07-17

**[21] 2,483,278**  
[13] A1

[51] Int.Cl. 7H04L 29/08  
[25] EN  
[54] METHOD OF HANDLING PHONE COMMUNICATIONS AND RELATED EQUIPMENTS ON LANS SUPPORTING VOICE AND DATA TRANSMISSION IN AN INTEGRATED WAY  
[54] PROCEDE DE TRAITEMENT DE COMMUNICATIONS TELEPHONIQUES ET D'EQUIPEMENTS ASSOCIES SUR LAN PERMETTANT LA TRANSMISSION INTEGREEE DE VOIX ET DE DONNEES  
[72] DIOMELLI, GIUSEPPE, IT  
[71] C.D.C. S.R.L., IT  
[85] 2004-10-25  
[86] 2002-10-16 (PCT/EP2002/011739)  
[87] 2003-11-13 (WO2003/094480)  
[30] IT (PI2002A000026) 2002-04-30

**[21] 2,483,286**  
[13] A1

[51] Int.Cl. 7A61K 31/341 7A01N 43/00  
7A61P 33/14 7C07D 333/16 7C07D 333/28  
7C07D 333/32 7A61K 31/381 7C07D 307/42 7C07D 333/56 7C07D 307/58  
[25] EN  
[54] N-ACYLAMINOACETONITRILE DERIVATIVES AND THEIR USE FOR CONTROLLING PARASITES  
[54] DERIVES DE N-ACYLAMINOACETONITRILE ET LEUR EMPLOI EN MATIERE DE LUTTE ANTI-PARASITAIRE  
[72] DURANO, CORINNE, FR  
[72] DUCRAY, PIERRE, FR  
[72] GOEBEL, THOMAS, DE  
[72] BOUVIER, JACQUES, CH  
[71] NOVARTIS AG, CH  
[85] 2004-10-25  
[86] 2003-05-21 (PCT/EP2003/005334)  
[87] 2003-11-27 (WO2003/097036)  
[30] CH (0855/02) 2002-05-22

**[21] 2,483,293**  
[13] A1

[51] Int.Cl. 7H04N 7/50  
[25] EN  
[54] RANDOM ACCESS POINTS IN VIDEO ENCODING  
[54] POINTS A ACCES DIRECT DANS LE CODAGE VIDEO  
[72] HANNUKSELA, MISKA, FI  
[72] WANG, YE-KUI, FI  
[71] NOKIA CORPORATION, FI  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/FI2003/000331)  
[87] 2003-11-13 (WO2003/094530)  
[30] FI (20020810) 2002-04-29

## Demandes PCT entrant en phase nationale

---

[21] 2,483,300  
[13] A1

[51] Int.Cl. 7C10G 25/00 7C10G 25/05  
7G01N 31/22 7G01N 33/22 7G01N 21/78  
[25] EN  
[54] METHOD AND APPARATUS FOR IMPROVING THE OXIDATIVE THERMAL STABILITY OF DISTILLATE FUEL  
[54] PROCEDE ET APPAREIL POUR AMELIORER LA STABILITE THERMIQUE ET OXYDATIVE DU MAZOUT LEGER  
[72] TAYLOR, SPENCER EDWIN, GB  
[71] BP OIL INTERNATIONAL LIMITED, GB  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/GB2003/001752)  
[87] 2003-11-06 (WO2003/091361)  
[30] GB (0209624.6) 2002-04-26  
[30] GB (0218871.2) 2002-08-13  
[30] GB (0305551.4) 2003-03-11

---

[21] 2,483,303  
[13] A1

[51] Int.Cl. 7C07D 409/12 7A61P 31/04  
7C07D 401/12 7C07D 405/12 7C07D 405/  
14 7C07D 207/40 7A61K 31/40 7A61K 31/  
4025  
[25] EN  
[54] CINNAMIC ACID AMIDES  
[54] AMIDES D'ACIDE CINNAMIQUE  
[72] BRUNNER, NINA, DE  
[72] SHIMADA, MITSUYUKI, JP  
[72] SCHIFFER, GUIDO, DE  
[72] FREIBERG, CHRISTOPH, DE  
[72] NELL, PETER, DE  
[72] SVENSTRUP, NIELS, DE  
[72] POHLMANN, JENS, DE  
[72] ENDERMANN, RAINER, DE  
[72] LAMPE, THOMAS, DE  
[72] NEWTON, BEN, GB  
[72] OTTENEDER, MICHAEL, CH  
[72] PERNERSTORFER, JOSEF, DE  
[71] BAYER HEALTHCARE AG, DE  
[85] 2004-10-22  
[86] 2003-04-14 (PCT/EP2003/003834)  
[87] 2003-11-06 (WO2003/091212)  
[30] DE (102 18 582.4) 2002-04-26

---

[21] 2,483,304  
[13] A1

[51] Int.Cl. 7G06F 17/60 7E05B 47/00  
[25] EN  
[54] INFORMATION SECURITY  
[54] SECURITE D'INFORMATIONS  
[72] GARRETT, ANDREW JAMES, GB  
[72] ORMSTON, CHRISTOPHER STEPHEN, GB  
[72] PAYNE, ROGER ALYN, GB  
[72] BROWN, PETER JOHN, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY, GB  
[85] 2004-10-22  
[86] 2003-05-02 (PCT/GB2003/001873)  
[87] 2003-11-13 (WO2003/093958)  
[30] EP (02253141.2) 2002-05-03

---

[21] 2,483,306  
[13] A1

[51] Int.Cl. 7C07D 487/04 7A61P 9/00  
7A61P 11/00 7A61P 29/00 7A61P 43/00  
7A61P 27/02 7A61P 9/10 7A61P 9/12  
7A61K 31/519 7A61K 31/5377  
[25] EN

[54] PYRAZOLO-1,5-A|PYRIMIDINE DERIVATIVE AND NAD(P)H OXIDASE INHIBITOR CONTAINING THE SAME  
[54] DERIVE DE PYRAZOLO-1,5-A|PYRIMIDINE ET INHIBITEUR DE LA NAD(P)H OXYDASE CONTENANT LEDIT DERIVE  
[72] SENO, KAORU, JP  
[72] NISHI, KOICHI, JP  
[72] MATSUO, YOSHIYUKI, JP  
[72] FUJISHITA, TOSHIO, JP  
[71] SHIONOGI & CO., LTD., JP  
[85] 2004-10-22  
[86] 2003-04-18 (PCT/JP2003/005024)  
[87] 2003-11-06 (WO2003/091256)  
[30] JP (2002-121519) 2002-04-23

---

[21] 2,483,307  
[13] A1

[51] Int.Cl. 7B23B 5/04 7B23B 5/14  
[25] EN  
[54] LOG SAW APPARATUS AND METHOD  
[54] APPAREIL ET PROCEDE DE SCIAGE DE BOBINES  
[72] BUTTERWORTH, TAD T., US  
[71] C.G. BRETTING MANUFACTURING COMPANY, INC., US  
[85] 2004-10-22  
[86] 2003-04-24 (PCT/US2003/012610)  
[87] 2003-11-06 (WO2003/090958)  
[30] US (10/131,372) 2002-04-24

---

[21] 2,483,308  
[13] A1

[51] Int.Cl. 7C03C 25/10  
[25] EN  
[54] OPTICAL FIBER WITH REDUCED ATTENUATION LOSS  
[54] FIBRE OPTIQUE A AFFAIBLISSEMENT REDUIT  
[72] ARIMONDI, MARCO, IT  
[72] ROBA, GIACOMO STEFANO, IT  
[72] ABEL, ADRIANUS GIJSBERTUS MARIA, NL  
[72] VAN EKELEN, JOHANNES ADRIANUS, NL  
[72] FOGLIANI, SABRINA, IT  
[72] NAGELVOORT, SANDRA JOANNA, NL  
[72] TERRUZZI, LIDIA, IT  
[72] GEUS, GOUCE DIRK JAN, NL  
[72] ALKEMA, DUURT PIETER WILLEM, NL  
[71] PIRELLI & C. S.P.A., IT  
[85] 2004-10-22  
[86] 2002-04-24 (PCT/EP2002/004512)  
[87] 2003-11-06 (WO2003/091177)

---

[21] 2,483,309  
[13] A1

[51] Int.Cl. 7C08F 290/06 7B22F 9/24  
7A61K 47/34  
[25] EN  
[54] CROSSLINKED POLYMERS, POLYMER FINE PARTICLES, AND PROCESSES FOR PRODUCING THEM  
[54] POLYMERES RETICULES, PARTICULES FINES DE POLYMERES ET LEURS PROCEDES DE IONS  
[72] OGURA, ATSUSHIKO, JP  
[72] ISHII, TAKEHIKO, JP  
[72] KATAOKA, KAZUNORI, JP  
[72] HAYASHI, HISATO, JP  
[72] NAGASAKI, YUKIO, JP  
[72] OTSUKA, HIDENORI, JP  
[72] UNO, TEPPEI, JP  
[71] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP  
[71] NOF CORPORATION, JP  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/JP2003/005144)  
[87] 2003-11-06 (WO2003/091302)  
[30] JP (2002/121850) 2002-04-24

## PCT Applications Entering the National Phase

---

**[21] 2,483,310**  
[13] A1

[51] Int.Cl. 7C07C 43/11 7C07C 41/03  
7C11D 1/72  
[25] EN  
[54] C10-ALKANOL ALKOXYLATES AND THEIR USE  
[54] C10-ALCANOL ALCOXYLATES ET LEUR UTILISATION  
[72] OETTER, GUENTER, DE  
[72] TAEGER, KLAUS, DE  
[72] RULAND, ALFRED, DE  
[72] SCHOLTISSEK, MARTIN, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-10-22  
[86] 2003-04-25 (PCT/EP2003/004334)  
[87] 2003-11-06 (WO2003/091191)  
[30] DE (102 18 754.1) 2002-04-26  
[30] DE (102 43 360.7) 2002-09-18

---

**[21] 2,483,311**  
[13] A1

[51] Int.Cl. 7A61K 31/496 7A61K 31/135  
7A61K 31/4184 7A61K 31/44 7A61K 31/4418 7A61K 31/4422 7A61K 31/443  
7A61K 31/444  
[25] EN  
[54] MODULATORS OF HEDGEHOG SIGNALING PATHWAYS, COMPOSITIONS AND USES RELATED THERETO  
[54] MODULATEURS DE VOIES DE SIGNALISATION HEDGEHOG, COMPOSITIONS ET UTILISATIONS ASSOCIEES  
[72] BEACHY, PHILIP A., US  
[72] CHEN, JAMES K., US  
[72] TAIPALE, ANSSI JUSSI NIKOLAI, US  
[71] JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE, US  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/US2003/012406)  
[87] 2003-10-30 (WO2003/088970)  
[30] US (60/374,371) 2002-04-22  
[30] US (60/405,689) 2002-08-23  
[30] US (60/415,822) 2002-10-03

**[21] 2,483,314**  
[13] A1

[51] Int.Cl. 7C07D 407/12 7A61P 35/00  
7C07D 401/04 7C07D 309/08 7C07D 413/12 7C07D 407/14 7C07D 409/14 7C07D 417/14 7A61K 31/4535 7A61K 31/496  
7C07D 211/66 7C07D 213/74 7C07D 211/96  
[25] EN  
[54] PIPERIDINYL-AND PIPERAZINYL-SULFONYLMETHYL HYDROXAMIC ACIDS AND THEIR USE AS PROTEASE INHIBITORS  
[54] ACIDES PIPERIDINYL SULFONYLMETHYLHYDROXAMIQUES ET PIPERAZINYL SULFONYLMETHYLHYDROXAMIQUES ET LEUR UTILISATION COMME INHIBITEURS DE PROTEASE

[72] WANG, LIJUAN JANE, US  
[72] VILLAMIL, CLARA I., US  
[72] TALLEY, JOHN J., US  
[72] VERNIER, WILLIAM F., US  
[72] HEINTZ, ROBERT M., US  
[72] MCDONALD, JOSEPH, US  
[72] GRAPPERHAUS, MARGARET, US  
[72] MISCHKE, BRENT V., US  
[72] KOLODZIEJ, STEPHEN A., US  
[72] MISCHKE, DEBORAH A., US  
[72] MULLINS, PATRICK B., US  
[72] STEHLE, NATHAN W., US  
[72] WYNN, THOMAS A., US  
[72] BROWN, DAVID L., US  
[72] BECKER, DANIEL P., US  
[72] CARROLL, JEFFERY N., US  
[72] KHANNA, ISH KUMAR, US  
[72] BARTA, THOMAS E., US  
[72] CHEN, YIYUAN, US  
[72] MASSA, MARK, US  
[72] NAGY, MARK, US  
[72] NORTON, MONICA B., US  
[72] BOEHM, TERRI L., US  
[72] BEDELL, LOUIS J., US  
[72] FRESKOS, JOHN N., US  
[72] RICO, JOSEPH G., US  
[72] HOCKERMAN, SUSAN L., US  
[72] GASIECKI, ALAN F., US  
[72] SCHMIDT, MICHELLE A., US  
[72] FOBIAN, YVETTE, US  
[72] KASSAB, DARREN J., US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-10-22  
[86] 2003-04-25 (PCT/US2003/013123)  
[87] 2003-11-06 (WO2003/091247)  
[30] US (60/375,598) 2002-04-25  
[30] US (60/380,713) 2002-05-15  
[30] US (60/392,021) 2002-06-27

**[21] 2,483,316**  
[13] A1

[51] Int.Cl. 7H04N 7/16 7G06F 17/60  
[25] EN  
[54] VIDEO MESSAGING SYSTEM  
[54] SYSTEME DE MESSAGERIE VIDEO  
[72] BRANT, STEVEN B, US  
[72] BRUST, GEORGE A., US  
[71] BRANT, STEVEN B, US  
[71] BRUST, GEORGE A., US  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/US2003/012586)  
[87] 2003-11-06 (WO2003/092288)  
[30] US (10/134,246) 2002-04-26

---

**[21] 2,483,317**  
[13] A1

[51] Int.Cl. 7C08J 5/18 7C08L 35/00  
7B65D 30/02 7B65D 65/02 7C08L 33/02  
7C08J 7/04 7B32B 27/30 7B65D 65/40  
[25] EN  
[54] FILM AND PROCESS FOR PRODUCING THE SAME  
[54] FILM ET PROCEDE DE PRODUCTION  
[72] HASEGAWA, TOMOHIWA, JP  
[72] YAMAZAKI, MASAHIRO, JP  
[72] OBA, HIROYUKI, JP  
[72] TANAKA, HIDEAKI, JP  
[71] KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED, JP  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/JP2003/005173)  
[87] 2003-11-06 (WO2003/091317)  
[30] JP (2002-121246) 2002-04-23

---

**[21] 2,483,318**  
[13] A1

[51] Int.Cl. 7H04Q 7/38 7G01S 5/14  
[25] EN  
[54] POSITION DETERMINATION FOR A WIRELESS TERMINAL IN A HYBRID POSITION DETERMINATION SYSTEM  
[54] DETERMINATION DE LA POSITION D'UN TERMINAL SANS FIL DANS UN SYSTEME DE DETERMINATION DE POSITION HYBRIDE  
[72] SHEYNBLAT, LEONID, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/US2003/012195)  
[87] 2003-11-06 (WO2003/092319)  
[30] US (10/132,501) 2002-04-24

## Demandes PCT entrant en phase nationale

---

[21] 2,483,323  
[13] A1

[51] Int.Cl. 7C12N 15/12 7A61K 48/00  
7C12Q 1/00 7A01K 67/027 7A61K 38/17  
7C07K 16/18 7C07K 14/435 7C07K 14/47  
7G01N 33/53 7C12N 15/63 7C12Q 1/68  
7A61K 31/7088  
[25] EN  
[54] CONTRACEPTIVE TARGETS  
[54] CIBLES DE CONTRACEPTION  
[72] BAI, YUCHEN, US  
[72] MATZUK, MARTIN M., US  
[72] WANG, PEI, US  
[72] WU, XUEMEI, US  
[71] BAYLOR COLLEGE OF MEDICINE, US  
[71] WYETH, US  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/US2003/012720)  
[87] 2003-11-06 (WO2003/091400)  
[30] US (PCT/US02/13245) 2002-04-26  
[30] US (60/411,262) 2002-09-17  
[30] US (60/434,165) 2002-12-17  
[30] US (60/439,781) 2003-01-13  
[30] US (60/442,164) 2003-01-23

[21] 2,483,326  
[13] A1

[51] Int.Cl. 7C07F 17/00 7C08F 10/00  
7C07F 7/08 7C08F 4/64  
[25] EN  
[54] ALKARYL-SUBSTITUTED GROUP 4 METAL COMPLEXES, CATALYSTS AND OLEFIN POLYMERIZATION PROCESS  
[54] COMPLEXES METALLIQUES DE GROUPE 4 A SUBSTITUTION ALKARYLE, AINSI QUE PROCEDE DE POLYMERISATION D'OLEFINES ET DE CATALYSEURS  
[72] KRUPER, WILLIAM J., JR., US  
[72] KLOSIN, JERZY, US  
[72] ROOF, GORDON R., US  
[72] SOTO, JORGE, US  
[72] NICKIAS, PETER N., US  
[71] DOW GLOBAL TECHNOLOGIES INC., US  
[85] 2004-10-22  
[86] 2003-04-08 (PCT/US2003/010543)  
[87] 2003-11-06 (WO2003/091265)  
[30] US (10/128,788) 2002-04-23  
[30] US (10/154,534) 2002-05-23

[21] 2,483,327  
[13] A1

[51] Int.Cl. 7C12Q 1/68 7A61K 38/02  
7C07K 16/10 7C07K 14/15 7A61K 39/21  
7C12N 15/48 7C12Q 1/70 7A61K 31/7088  
[25] FR  
[54] OLIGONUCLEOTIDE ISSUS DES SEQUENCES CODANT POUR LA COMPOSANTE DE SURFACE DE PROTEINES D'ENVELOPPE DES VIRUS DES LYMPHOMES / LEUCEMIES T CHEZ LES PRIMATES (PTLV) ET LEURS UTILISATIONS  
[54] OLIGONUCLEOTIDES FROM SEQUENCES CODING FOR THE SURFACE COMPONENT OF ENVELOPE PROTEINS OF PRIMATE T-CELL LEUKAEMIA/LYMPHOMA VIRUSES (PTLV) AND USES THEREOF  
[72] KIM, FELIX JINHYUN, FR  
[72] SITBON, MARC KHAMOUS MICHEL, FR  
[72] MANEL, NICOLAS GABRIEL ALBERT, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/FR2003/001274)  
[87] 2003-10-30 (WO2003/088979)  
[30] FR (02/05001) 2002-04-22

[21] 2,483,329  
[13] A1

[51] Int.Cl. 7A61L 15/38 7A61L 15/22  
7A61L 15/44  
[25] EN  
[54] APPARATUS AND METHODS FOR ENZYMATIC ESCHAROTOMY IN BURN INDUCED COMPARTMENT SYNDROME  
[54] APPAREIL ET PROCEDES D'INCISION DE DECHARGE ENZYMATIQUE DANS LE SYNDROME DE COMPARTIMENT INDUIT PAR UNE BRULURE  
[72] ROSENBERG, LIOR, IL  
[71] MEDIWOUND, LTD., IL  
[85] 2004-10-21  
[86] 2003-04-21 (PCT/IL2003/000326)  
[87] 2003-11-06 (WO2003/090598)  
[30] US (60/374,499) 2002-04-23

[21] 2,483,330  
[13] A1

[51] Int.Cl. 7C12N 15/18 7C12P 21/02  
7A61K 38/17 7A61K 38/22 7A61K 38/27  
7C07K 14/575 7C07K 14/61 7C07K 14/72  
[25] EN  
[54] MULTIMERIC LIGANDS WITH ENHANCED STABILITY  
[54] LIGANDS MULTIMERES A STABILITE RENFORCEE  
[72] CHEN, WEN YAUN, US  
[71] GREENVILLE HOSPITAL SYSTEM, US  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/US2003/011486)  
[87] 2003-10-30 (WO2003/089582)  
[30] US (60/374,137) 2002-04-22

[21] 2,483,337  
[13] A1

[51] Int.Cl. 7C12N 15/62 7A01H 5/00  
7A61K 48/00 7C07K 19/00 7C12P 21/00  
7C12N 5/10 7C12N 15/63 7C12Q 1/68  
[25] EN  
[54] EXPRESSION OF POLYPEPTIDES IN CHLOROPLASTS, AND COMPOSITIONS AND METHODS FOR EXPRESSING SAME  
[54] EXPRESSION DE POLYPEPTIDES DANS DES CHLOROPLASTES, ET COMPOSITIONS ET PROCEDES PERMETTANT DE LES EXPRIMER  
[72] FRANKLIN, SCOTT, US  
[72] MAYFIELD, STEPHEN P., US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/US2003/012997)  
[87] 2003-11-06 (WO2003/091413)  
[30] US (60/375,129 (CIP)) 2002-04-23  
[30] US (60/434,957 (CIP)) 2002-12-19

## PCT Applications Entering the National Phase

---

**[21] 2,483,338**

[13] A1

[51] Int.Cl. 7C12N 15/63 7C12N 15/10  
 [25] EN  
**[54] METHOD OF CREATING A LIBRARY OF BACTERIAL CLONES WITH VARYING LEVELS OF GENE EXPRESSION**  
**[54] METHODE DE CREATION D'UNE BIBLIOTHEQUE DE CLONES BACTERIENS AVEC DIFFERENTS NIVEAUX D'EXPRESSION GENIQUE**  
 [72] SOUCAILLE, PHILIPPE, FR  
 [72] VALLE, FERNANDO, US  
 [72] CERVIN, MARGUERITE A., US  
 [71] GENENCOR INTERNATIONAL, INC., US  
 [85] 2004-10-22  
 [86] 2003-04-18 (PCT/US2003/012045)  
 [87] 2003-10-30 (WO2003/089605)  
 [30] US (60/374,627) 2002-04-22

**[21] 2,483,343**

[13] A1

[51] Int.Cl. 7G01N 33/48 7A61K 45/00  
 7C12Q 1/28 7G01N 33/566 7G01N 33/574  
 7G01N 33/58  
 [25] EN  
**[54] SOLUBLE MIC POLYPEPTIDES AS MARKERS FOR DIAGNOSIS, PROGNOSIS AND TREATMENT OF CANCER AND AUTOIMMUNE DISEASES OR CONDITIONS**  
**[54] POLYPEPTIDES MIC SOLUBLES UTILISES EN TANT QUE MARQUEURS POUR LE DIAGNOSTIC, LE PRONOSTIC ET LE TRAITEMENT D'UN CANCER ET DE MALADIES OU D'AFFECTIONS AUTO-IMMUNES**  
 [72] SPIES, THOMAS, US  
 [72] SPIES, VERONIKA, US  
 [71] FRED HUTCHINSON CANCER RESEARCH CENTER, US  
 [85] 2004-10-22  
 [86] 2003-04-22 (PCT/US2003/012299)  
 [87] 2003-10-30 (WO2003/089616)  
 [30] US (60/374,442) 2002-04-22

**[21] 2,483,368**

[13] A1

[51] Int.Cl. 7C07D 405/14 7A61P 1/00  
 7A61P 43/00 7A61P 1/04 7A61K 31/4545  
 [25] EN  
**[54] (S)-4-AMINO-5-CHLORO-2-TETRAHYDROFURYLCARBONYL)-4-PIPERIDINYL METHYL~4-PIPERIDINYL~BENZAMIDE, PROCESS FOR THE PREPARATION THEREOF, PHARMACEUTICAL COMPOSITION CONTAINING THE SAME, AND INTERMEDIATE THEREFOR**  
**[54] (S)-4-AMINO-5-CHLORO-2-METHOXY-N-Y1-Y1-(2-TETRAHYDROFURYLCARBONYL)-4-PIPERIDINYL METHYL~4-PIPERIDINYL~BENZAMIDE, SON PROCEDE DE PREPARATION, COMPOSITION PHARMACEUTIQUE LE CONTENANT ET INTERMEDIAIRE POUR LA PREPARATION DUDIT COMPOSE**

[72] MORIKAGE, YUKIKO, JP  
 [72] KATO, SHIRO, JP  
 [72] YAMAZAKI, HIROSHI, JP  
 [72] YOSHIDA, NAOYUKI, JP  
 [72] MORIKAGE, KAZUO, JP  
 [72] HIROKAWA, YOSHIMI, JP  
 [72] KAN, YOKO, JP  
 [71] DAINIPPON PHARMACEUTICAL CO., LTD., JP  
 [85] 2004-10-25  
 [86] 2003-05-15 (PCT/JP2003/006051)  
 [87] 2003-11-27 (WO2003/097638)  
 [30] JP (2002-141262) 2002-05-16

**[21] 2,483,374**

[13] A1

[51] Int.Cl. 7C21D 9/22 7C21D 1/42  
 [25] EN  
**[54] ROCK DRILL PRODUCT AND METHOD**  
**[54] ELEMENT DE FORAGE DE ROCHE ET PROCEDE**  
 [72] LUNDQUIST, AGNE, SE  
 [72] HAGELIN, GOERAN, SE  
 [72] HEGLUND, ANN-CATHRIN, SE  
 [71] SANDVIK AB, SE  
 [85] 2004-10-25  
 [86] 2003-05-15 (PCT/SE2003/000791)  
 [87] 2003-11-27 (WO2003/097885)  
 [30] SE (0201487-6) 2002-05-17

**[21] 2,483,376**

[13] A1

[51] Int.Cl. 7A61M 5/44 7A61F 7/00  
 [25] EN  
**[54] WARMING SYSTEM AND METHOD FOR HEATING VARIOUS ITEMS UTILIZED IN SURGICAL PROCEDURES**  
**[54] SYSTEME CHAUFFANT ET PROCEDE PERMETTANT DE CHAUFFER DIVERS ARTICLES UTILISES LORS D'INTERVENTIONS CHIRURGICALES**  
 [72] HENDRIX, DAVID, US  
 [72] HEYMANN, BRUCE R., US  
 [72] BLANKENSHIP, CALVIN, US  
 [72] FARIES, DURWARD I., JR., US  
 [71] MEDICAL SOLUTIONS, INC., US  
 [85] 2004-10-22  
 [86] 2003-03-25 (PCT/US2003/007796)  
 [87] 2003-11-06 (WO2003/091635)  
 [30] US (10/127,675) 2002-04-23

**[21] 2,483,385**

[13] A1

[51] Int.Cl. 7G02B 6/44 7G02B 6/16  
 [25] EN  
**[54] METHOD FOR CONTROLLING MICROBENDING INDUCED ATTENUATION LOSSES IN AN OPTICAL FIBER**  
**[54] PROCEDE DE CONTROLE DES PERTES D'ATTENUATION INDUITES PAR UNE MICROCOUBURE DANS UNE FIBRE OPTIQUE**  
 [72] FOGLIANI, SABRINA, IT  
 [72] ARIMONDI, MARCO, IT  
 [72] TERRUZZI, LIDIA, IT  
 [72] NAGELVOORT, SANDRA JOANNA, NL  
 [72] VAN EKELEN, JOHANNES ADRIANUS, NL  
 [72] ABEL, ADRIANUS GIJSBERTUS MARIA, NL  
 [72] ALKEMA, DUURT PIETER WILLEM, NL  
 [72] GEUS, GOUKE DIRK JAN, NL  
 [72] ROBA, GIACOMO STEFANO, IT  
 [71] PIRELLI & C. S.P.A., IT  
 [85] 2004-10-22  
 [86] 2002-04-24 (PCT/EP2002/004507)  
 [87] 2003-11-06 (WO2003/091781)

## Demandes PCT entrant en phase nationale

---

[21] 2,483,388  
[13] A1

[51] Int.Cl. 7B29C 33/36 7B29C 39/02  
7B29C 70/30  
[25] EN  
[54] OPEN MOLD MANUFACTURING PROCESS WITH CENTRALIZED APPLICATION STATION  
[54] PROCEDE DE FABRICATION DE MOULE OUVERT COMPRENANT UNE STATION D'APPLICATION CENTRALISEE  
[72] BROWN, CHARLES, US  
[71] AQUA GLASS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-01-31 (PCT/US2003/003136)  
[87] 2003-11-27 (WO2003/097319)  
[30] US (10/146,275) 2002-05-15

---

[21] 2,483,393  
[13] A1

[51] Int.Cl. 7C11D 3/39  
[25] EN  
[54] DETERGENT COMPOSITIONS AND COMPONENTS THEREOF  
[54] COMPOSITIONS DETERGENTES ET COMPOSANTS DE CES COMPOSITIONS  
[72] KITKO, DAVID JONATHAN, US  
[72] STEPHENSON, COLIN, GB  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/US2003/012876)  
[87] 2003-11-13 (WO2003/093405)  
[30] US (60/377,304) 2002-05-02

---

[21] 2,483,394  
[13] A1

[51] Int.Cl. 7H01M 2/00 7H01M 2/08  
7H01M 2/14  
[25] EN  
[54] MEMBRANE BASED ELECTROCHEMICAL CELL STACKS  
[54] EMPILEMENT DE CELLULES ELECTROCHIMIQUES A BASE DE MEMBRANE  
[72] FORMATO, RICHARD M., US  
[72] ENAYETULLAH, MOHAMMAD, US  
[72] SABIN, PAUL, US  
[72] OSENDAR, PAUL, US  
[71] PROTONEX TECHNOLOGY CORPORATION, US  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/US2003/012684)  
[87] 2003-11-06 (WO2003/092096)  
[30] US (60/374,631) 2002-04-23

---

[21] 2,483,400  
[13] A1

[51] Int.Cl. 7D21H 19/38 7D21H 19/40  
[25] EN  
[54] PAPER COATING PIGMENTS  
[54] PIGMENTS DE REVETEMENT DE PAPIER  
[72] NUTBEEM, CHRISTOPHER, GB  
[72] CUMMINGS, DAVID O., US  
[72] HUSBAND, JOHN C., GB  
[72] SKUSE, DAVE R., US  
[71] IMERYS MINERALS LIMITED, GB  
[85] 2004-10-25  
[86] 2003-01-29 (PCT/US2003/001064)  
[87] 2003-11-13 (WO2003/093577)  
[30] US (60/377,270) 2002-05-03

---

[21] 2,483,404  
[13] A1

[51] Int.Cl. 7G01L 5/00 7B64C 25/00  
7G07C 3/00 7G01D 9/00 7G01N 3/32  
[25] EN  
[54] MONITORING A PARAMETER WITH LOW POWER CONSUMPTION FOR AIRCRAFT LANDING GEAR-DATA LOGGER  
[54] SURVEILLANT UN PARAMETRE A FAIBLE CONSOMMATION D'ELECTRICITE POUR ENREGISTREUR CHRONOLOGIQUE DES DONNEES DU TRAIN D'ATTERRISSAGE D'UN AERONEF  
[72] SCHMIDT, ROBERT KYLE, CA  
[71] MESSIER-DOWTY, INC., CA  
[85] 2004-10-22  
[86] 2003-04-28 (PCT/GB2003/001820)  
[87] 2003-11-06 (WO2003/091682)  
[30] GB (0209584.2) 2002-04-26

---

[21] 2,483,407  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHOD FOR SELECTION OF MESSAGING SETTINGS  
[54] SYSTEME ET PROCEDE DE SELECTION DE PARAMETRES DE MESSAGERIE  
[72] ROBERTSON, IAN M., CA  
[71] RESEARCH IN MOTION LIMITED, CA  
[85] 2004-10-22  
[86] 2003-04-24 (PCT/CA2003/000606)  
[87] 2003-11-06 (WO2003/091917)  
[30] US (60/375,449) 2002-04-26

---

[21] 2,483,410  
[13] A1

[51] Int.Cl. 7H05B 6/78 7B65G 15/42  
7H05B 6/72  
[25] EN  
[54] INSTALLATION FOR MICROWAVE HEATING OF A PRODUCT HELD IN CONTAINERS  
[54] INSTALLATION POUR CHAUFFER PAR DES MICRO-ONDES UN PRODUIT CONTENU DANS DES RECIPIENTS  
[72] GERMAIN, ALAIN, FR  
[72] BERTEAUD, ANDRE-JEAN, FR  
[72] EL HABA, MOSTAFA, FR  
[72] MAHE, PATRICK, FR  
[71] M.E.S. TECHNOLOGIES, FR  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/FR2003/001279)  
[87] 2003-11-06 (WO2003/092331)  
[30] FR (02/05119) 2002-04-24

---

[21] 2,483,411  
[13] A1

[51] Int.Cl. 7B32B 17/10 7B41M 7/00  
7B32B 27/36  
[25] EN  
[54] DIGITAL COLOR-DESIGN COMPOSITE FOR USE IN LAMINATED GLASS  
[54] COMPOSITE COMPORANT DES IMAGES EN COULEURS, IMPRIMEES PAR IMPRESSION NUMERIQUE, DESTINE A ETRE UTILISE DANS DES VERRES FEUILLETES  
[72] BELL, WILLIAM PAUL, US  
[72] MORAN, JAMES R., US  
[72] YACOVONE, VINCENT J., US  
[71] SOLUTIA INC., US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013236)  
[87] 2003-11-13 (WO2003/092999)  
[30] US (10/135,417) 2002-04-30

## PCT Applications Entering the National Phase

---

**[21] 2,483,412**  
[13] A1

[51] Int.Cl. 7A61N 1/00  
[25] EN  
[54] PROCEDURE AND MACHINE FOR ELECTRO-INDUCING/STIMULATING DEEP-LAYERED MUSCLE CONTRACTIONS USING A BIPHASIC FARADIC PULSE SEQUENCE  
[54] PROCEDURE ET MACHINE POUR L'ELECTRO-INDUCTION/LA STIMULATION DE CONTRACTIONS MUSCULAIRES A COUCHES PROFONDES A L'AIDE D'UNE SEQUENCE D'IMPULSION FARADIQUE BIPHASIQUE  
[72] BUCHNER, KELLY WAYNE, US  
[71] MICROVAS TECHNOLOGIES, INC., US  
[85] 2004-10-22  
[86] 2003-04-24 (PCT/US2003/012685)  
[87] 2003-11-06 (WO2003/090845)  
[30] US (10/131,376) 2002-04-24

---

**[21] 2,483,415**  
[13] A1

[51] Int.Cl. 7G08C 25/00  
[25] EN  
[54] METHOD OF USING FLASH MEMORY FOR STORING METERING DATA  
[54] PROCEDE D'UTILISATION D'UNE MEMOIRE FLASH DESTINEE AU STOCKAGE DES DONNEES DE MESURE  
[72] SIMMONS, STEPHEN M., US  
[72] NORROD, ERIC, US  
[72] SEAL, BRIAN K., US  
[71] SCHLUMBERGERSEMA INC., US  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/US2003/012306)  
[87] 2003-11-06 (WO2003/091964)  
[30] US (10/131,605) 2002-04-24

---

**[21] 2,483,417**  
[13] A1

[51] Int.Cl. 7G02B 6/38  
[25] EN  
[54] FIBER OPTIC CONNECTOR FOR A SEGMENTED FTTH OPTICAL NETWORK  
[54] CONNECTEUR POUR FIBRES OPTIQUES DESTINE A UN RESEAU OPTIQUE FTTH SEGMENTE  
[72] GALL, DONALD T., US  
[72] PANGRAC, DAVID M., US  
[71] PANGRAC & ASSOCIATES DEVELOPMENT, INC., US  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/US2003/012460)  
[87] 2003-11-06 (WO2003/091780)  
[30] US (10/128,820) 2002-04-24

---

**[21] 2,483,423**  
[13] A1

[51] Int.Cl. 7G06F 17/20 7G06F 7/00  
[25] EN  
[54] SYSTEM AND METHOD FOR PROCESSING OF XML DOCUMENTS REPRESENTED AS AN EVENT STREAM  
[54] SYSTEME ET PROCEDE DE TRAITEMENT DE DOCUMENTS EN LANGAGE XML REPRESENTES SOUS LA FORME D'UN FLUX D'EVENEMENTS  
[72] MOOG, THOMAS H., US  
[72] RADJA, COUMARA D., US  
[71] SARVEGA, INC., US  
[85] 2004-10-22  
[86] 2003-04-24 (PCT/US2003/012978)  
[87] 2003-11-06 (WO2003/091903)  
[30] US (60/375,241) 2002-04-24

---

**[21] 2,483,427**  
[13] A1

[51] Int.Cl. 7F25D 3/08  
[25] EN  
[54] SYSTEMS AND METHODS FOR STORING ITEMS WITH CONTAINERS  
[54] SYSTEMES ET PROCEDES DE STOCKAGE D'ARTICLES DANS DES CONTENEURS  
[72] GANO, JOHN H., III, US  
[71] GANO & GANDY INDUSTRIES, INC., US  
[85] 2004-10-22  
[86] 2003-04-30 (PCT/US2003/013527)  
[87] 2003-11-13 (WO2003/093741)  
[30] US (10/135,606) 2002-04-30  
[30] US (10/236,764) 2002-09-05  
[30] US (10/262,314) 2002-10-01

---

**[21] 2,483,430**  
[13] A1

[51] Int.Cl. 7B60R 7/02 7B65D 6/18  
[25] EN  
[54] UNIVERSAL CONTAINER FOR A VEHICLE TRUNK  
[54] CONTENANT POLYVALENT POUR COFFRE DE VEHICULE  
[72] FATIGATI, FRANCO, IT  
[71] FATIGATI, FRANCO, IT  
[85] 2004-10-22  
[86] 2003-01-30 (PCT/IT2003/000040)  
[87] 2003-11-06 (WO2003/091073)  
[30] IT (RM2002U000071) 2002-04-23

---

**[21] 2,483,433**  
[13] A1

[51] Int.Cl. 7C12N 15/12 7A61K 45/00  
7C12P 21/02 7A01K 67/027 7C07K 16/18  
7C07K 14/435 7C07K 14/47 7G01N 33/53  
7C12Q 1/68  
[25] EN  
[54] ISOLATED HUMAN PROTEINS THAT SHOW HIGH HOMOLOGY TO HUMAN DISEASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING THESE HUMAN PROTEINS, AND USES THEREOF  
[54] PROTEINES HUMAINES ISOLEES PRESENTANT UNE HOMOLOGIE ELEVEE AVEC DES PROTEINES HUMAINES PATHOLOGIQUES, MOLECULES D'ACIDES NUCLEIQUES CODANT CES PROTEINES HUMAINES, ET UTILISATIONS ASSOCIEES  
[72] SUBRAMANIAN, GANGADHARAN, US  
[71] APPLERA CORPORATION, US  
[85] 2004-10-13  
[86] 2003-04-23 (PCT/US2003/012432)  
[87] 2003-11-06 (WO2003/091393)  
[30] US (60/374,494) 2002-04-23

## Demandes PCT entrant en phase nationale

---

[21] **2,483,436**  
[13] A1

[51] Int.Cl. 7C12N 15/54 7C12P 21/02  
7C12N 9/10 7C12N 15/63  
[25] EN  
[54] N-  
**ACETYLGLUCOSAMINYLTRANSFERASE VB CODING SEQUENCE, RECOMBINANT CELLS AND METHODS**  
[54] SEQUENCE DE CODAGE DE N-  
**ACETYLGLUCOSAMINYLTRANSFERASE VB, CELLULES RECOMBINANTES ET PROCEDES ASSOCIES**  
[72] KAMAR, MARIA, US  
[72] PIERCE, JAMES MICHAEL, US  
[72] KANEKO, MIKA, US  
[72] LEE, JIN-KYU, US  
[71] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/US2003/012759)  
[87] 2003-11-06 (WO2003/091402)  
[30] US (60/375,172) 2002-04-23

[21] **2,483,447**  
[13] A1

[51] Int.Cl. 7C07D 301/12  
[25] EN  
[54] **PROCESS FOR THE EPOXIDATION OF OLEFINS**  
[54] **PROCEDE D'EPOXYDATION DES OLEFINES**  
[72] MOROFF, GERALD, DE  
[72] POHL, WERNER, DE  
[72] ULLRICH, NORBERT, DE  
[72] THIELE, GEORG, DE  
[72] WOELL, WOLFGANG, DE  
[72] STOCHNIOL, GUIDO, DE  
[72] HAAS, THOMAS, DE  
[72] EICKHOFF, HUBERTUS, DE  
[72] HOFEN, WILLI, DE  
[72] KAMPEIS, PERCY, DE  
[72] BRASSE, CLAUDIA, DE  
[72] BERGES, JOSE, DE  
[71] DEGUSSA AG, DE  
[71] UHDE GMBH, DE  
[85] 2004-11-01  
[86] 2003-04-29 (PCT/EP2003/004442)  
[87] 2003-11-13 (WO2003/093255)  
[30] EP (02009869.5) 2002-05-02

[21] **2,483,448**  
[13] A1

[51] Int.Cl. 7A61K 31/60 7A61K 33/14  
[25] EN  
[54] **ANTI-ACNE COMPOSITIONS AND METHODS OF USE**  
[54] **COMPOSITIONS ANTIACNEIQUES ET LEURS PROCEDES D'UTILISATION**  
[72] KLING, WILLIAM, O., US  
[71] KLING, WILLIAM, O., US  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/US2003/012891)  
[87] 2003-11-06 (WO2003/090756)  
[30] US (60/376,043) 2002-04-25

[21] **2,483,452**  
[13] A1

[51] Int.Cl. 7B28B 21/18 7B28B 7/30  
[25] EN  
[54] **VERTICAL MOULDING OF CONCRETE**  
[54] **MOULAGE VERTICAL DE BETON**  
[72] HUME, GRAEME REGINALD, AU  
[71] VERTECH HUME PTY LTD, AU  
[85] 2004-10-26  
[86] 2003-04-24 (PCT/AU2003/000481)  
[87] 2003-11-06 (WO2003/090988)  
[30] AU (PS 1953) 2002-04-26

[21] **2,483,458**  
[13] A1

[51] Int.Cl. 7C08L 23/04 7C08F 10/02  
7B60K 15/03  
[25] EN  
[54] **POLYMER FOR FUEL TANKS**  
[54] **POLYMERES POUR RESERVOIRS DE CARBURANT**  
[72] SIBERDT, FABIAN, BE  
[72] NEURAY, FRANCOIS, BE  
[72] LEQUEUX, MICHEL WALTER GHISLAIN, BE  
[71] SOLVAY POLYOLEFINS EUROPE-BELGIUM (SOCIETE ANONYME), BE  
[85] 2004-10-25  
[86] 2003-04-10 (PCT/EP2003/003791)  
[87] 2003-11-06 (WO2003/091329)  
[30] EP (02077189.5) 2002-04-26

[21] **2,483,460**  
[13] A1

[51] Int.Cl. 7A61K 7/34 7A61K 7/38  
[25] EN  
[54] **UNDERARM PRODUCT IN A METERED-DOSE PACKAGE**  
[54] **PRODUIT POUR AISSELLES CONTENU DANS UN CONDITIONNEMENT DOSEUR**  
[72] SMITH, SCOTT EDWARD, US  
[72] HILVERT, JENNIFER ELAINE, US  
[72] JOHNSON, THERESA LOUISE, US  
[72] SCHROEDER, KENNETH MICHAEL, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-25  
[86] 2003-05-12 (PCT/US2003/014900)  
[87] 2003-11-27 (WO2003/097002)  
[30] US (10/146,001) 2002-05-15

[21] **2,483,461**  
[13] A1

[51] Int.Cl. 7C07D 217/24 7A61P 25/16  
7A61K 31/472  
[25] EN  
[54] **ISOQUINOLINE DERIVATIVES**  
[54] **DERIVES D'ISOQUINOLEINE**  
[72] CESURA, ANDREA, CH  
[72] WYLER, RENE, CH  
[72] THOMAS, ANDREW WILLIAM, CH  
[72] SCALONE, MICHELANGELO, CH  
[72] RODRIGUEZ SARMIENTO, ROSA MARIA, CH  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2004-10-25  
[86] 2003-04-14 (PCT/EP2003/003845)  
[87] 2003-11-06 (WO2003/091219)  
[30] EP (02009253.2) 2002-04-26

## PCT Applications Entering the National Phase

---

[21] 2,483,463  
[13] A1

[51] Int.Cl. 7B65D 83/14  
[25] EN  
**PRODUCT IN PLASTIC PACKAGE HAVING A REDUCED FIRE HAZARD CLASSIFICATION**  
[54] PRODUITS EN AEROSOL A FAIBLE COMBUSTION CONTENUS DANS UN EMBALLAGE EN PLASTIQUE A CLASSIFICATION DE RISQUE D'INCENDIE REDUITE  
[72] SWAILE, DAVID FREDERICK, US  
[72] SMITH, SCOTT EDWARD, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-25  
[86] 2003-05-12 (PCT/US2003/014901)  
[87] 2003-11-27 (WO2003/097485)  
[30] US (10/146,191) 2002-05-15

---

[21] 2,483,465  
[13] A1

[51] Int.Cl. 7B67D 1/07  
[25] EN  
**FLUID DISPENSING DEVICE WITH SELF-CLEANING NOZZLE AND CLEANING METHOD**  
[54] DISPOSITIF DE DISTRIBUTION DE FLUIDES EQUIPE D'UNE BUSE AUTONETTOYANTE ET PROCÉDES D'UTILISATION  
[72] DICKINSON, EDWARD L., US  
[72] CARHUFF, PETER, US  
[72] KOLVEK, EDWARD M., US  
[72] HARVEY, ANDREW C., US  
[71] SOCIETE DES PRODUITS NESTLE S.A., CH  
[85] 2004-10-25  
[86] 2003-04-15 (PCT/EP2003/003926)  
[87] 2003-11-06 (WO2003/091152)  
[30] US (10/133,126) 2002-04-26

---

[21] 2,483,467  
[13] A1

[51] Int.Cl. 7B42D 15/00 7G09F 3/02  
[25] EN  
**SECURITY ELEMENT COMPRISING METALLIC LAYERS**  
[54] ELEMENT DE SECURITE ET SON PROCÉDE DE PRODUCTION  
[72] HEIM, MANFRED, DE  
[72] SCHMITZ, CHRISTIAN, DE  
[71] GIESECKE & DEVRIENT GMBH, DE  
[85] 2004-10-25  
[86] 2003-04-23 (PCT/EP2003/004221)  
[87] 2003-11-06 (WO2003/091042)  
[30] DE (102 18 897.1) 2002-04-26

[21] 2,483,469  
[13] A1

[51] Int.Cl. 7B27N 7/00 7B24B 19/24  
[25] EN  
**DEVICE FOR REPLACING HEATABLE TOOLS**  
[54] DISPOSITIF POUR REMPLACER DES OUTILS CHAUFFANTS  
[72] RAATZ, CHRISTOPH, DE  
[72] REHM, KLAUS, DE  
[71] IHD INSTITUT FÜR HOLZTECHNOLOGIE DRESDEN GMBH, DE  
[85] 2004-10-25  
[86] 2002-06-01 (PCT/DE2002/002012)  
[87] 2003-12-04 (WO2003/099534)  
[30] DE (102 22 993.7) 2002-05-24

---

[21] 2,483,470  
[13] A1

[51] Int.Cl. 7C07C 43/11 7C11D 1/825  
[25] EN  
**ALKOXYLATE MIXTURES AND DETERGENTS COMPRISING THESE**  
[54] MELANGES D'ALKOXYLATE ET LESSIVES LES CONTENANT  
[72] TROPSCH, JURGEN, DE  
[72] BAUR, RICHARD, DE  
[72] SCHOLTISSEK, MARTIN, DE  
[72] RULAND, ALFRED, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/EP2003/004333)  
[87] 2003-11-06 (WO2003/091190)  
[30] DE (102 18 752.5) 2002-04-26  
[30] DE (102 43 361.5) 2002-09-18

---

[21] 2,483,472  
[13] A1

[51] Int.Cl. 7C07C 43/11 7C11D 1/722  
[25] EN  
**C10-ALKANOLALKOXYLATE MIXTURES AND THE USE THEREOF**  
[54] MELANGES DE C10-ALCANOLALCOXYLATES ET LEUR UTILISATION  
[72] RULAND, ALFRED, DE  
[72] TROPSCH, JURGEN, DE  
[72] WULFF, CHRISTIAN, DE  
[72] SCHOLTISSEK, MARTIN, DE  
[72] BOHN, ROLAND, DE  
[72] HACKMANN, CLAUS, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/EP2003/004335)  
[87] 2003-11-06 (WO2003/091192)  
[30] DE (102 18 753.3) 2002-04-26  
[30] DE (102 43 363.1) 2002-09-18

[21] 2,483,479  
[13] A1

[51] Int.Cl. 7B23H 3/00 7B23H 9/00  
7B23H 9/12  
[25] EN  
**SHAPING METAL ARTICLES**  
[54] MISE EN FORME DE D'ARTICLES EN METAL  
[72] CHUGUNOV, BORIS, RU  
[72] RITSEMA VAN ECK, SIMON, GB  
[72] ARMITAGE, IAN GORDON, GB  
[71] ULTRA SYSTEMS LIMITED, GB  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/GB2003/001761)  
[87] 2003-11-06 (WO2003/090961)  
[30] GB (0209416.7) 2002-04-25

---

[21] 2,483,496  
[13] A1

[51] Int.Cl. 7C07D 487/04 7C07D 209/00  
7C07D 307/00 7C07D 333/00 7A61P 35/00  
7C07D 491/04 7C07D 495/04 7A61K 31/407  
[25] EN  
**INHIBITORS OF CHECKPOINT KINASES (WEE1 AND CHK1)**  
[54] INHIBITEURS DE CHECKPOINT KINASES (WEE1 ET CHK1)  
[72] MCCARTHY, FLORENCE OLIVER JOSEPH, NZ  
[72] LEE, HO HUAT, NZ  
[72] PALMER, BRIAN DESMOND, NZ  
[72] BOOTH, RICHARD JOHN, US  
[72] DENNY, WILLIAM ALEXANDER, NZ  
[72] DOBRUSIN, ELLEN MYRA, US  
[72] MITCHELL, LORNA HELEN, US  
[72] KRAKER, ALAN JOHN, US  
[72] SMAILL, JEFFREY BRUCE, NZ  
[72] THOMPSON, ANDREW MARK, NZ  
[71] WARNER-LAMBERT COMPANY, US  
[85] 2004-10-25  
[86] 2003-04-15 (PCT/IB2003/001417)  
[87] 2003-11-06 (WO2003/091255)  
[30] US (60/375,806) 2002-04-26

## Demandes PCT entrant en phase nationale

---

[21] **2,483,497**  
[13] A1

[51] Int.Cl. 7C12N 15/54 7A61K 45/00  
7C12P 21/02 7A01K 67/027 7C12N 9/12  
7C07K 16/40 7C12Q 1/48 7G01N 33/53  
[25] EN  
[54] ISOLATED HUMAN KINASE PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN KINASE PROTEINS, AND USES THEREOF  
[54] PROTEINES KINASES HUMAINES ISOLEES, MOLECULES D'ACIDE NUCLEIQUE CODANT LESDITES PROTEINES KINASES HUMAINES, ET UTILISATION DESDITES PROTEINES ET MOLECULES  
[72] ABU-THREIDEH, JANE, US  
[72] NEELAM, BEENA, US  
[72] YAN, CHUNHUA, US  
[71] APPLERA CORPORATION, US  
[85] 2004-10-22  
[86] 2003-05-05 (PCT/US2003/013975)  
[87] 2003-11-20 (WO2003/095612)  
[30] US (60/380,134) 2002-05-06

---

[21] **2,483,498**  
[13] A1

[51] Int.Cl. 7C12N 15/82 7A01H 5/00  
7C12Q 1/68  
[25] EN  
[54] GENERATION OF PLANTS WITH IMPROVED PATHOGEN RESISTANCE  
[54] GENERATION DE VEGETAUX A RESISTANCE AUX AGENTS PATHOGENES AMELIOREE  
[72] FEDERSPIEL, NANCY, US  
[72] FITCH, JONATHAN R., US  
[72] LAMMERS, ALLAN, US  
[72] LIU, XING LIANG, US  
[72] WESTERLUND, CHRISTINA, US  
[72] BATES, STANLEY R., US  
[71] AGRINOMICS, LLC, US  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/US2003/012981)  
[87] 2003-11-06 (WO2003/091412)  
[30] US (60/375,333) 2002-04-24

---

[21] **2,483,500**  
[13] A1

[51] Int.Cl. 7A61K 31/515 7A61P 35/00  
7C07D 403/12 7C07D 403/14  
[25] EN  
[54] PYRIMIDINE-2, 4, 6-TRIONE METALLO-PROTEINASE INHIBITORS  
[54] INHIBITEURS DE METALLOPROTEINASE A BASE DE PYRIMIDINE-2, 4, 6-TRIONE  
[72] NOE, MARK CARL, US  
[72] WOLF-GOUVEIA, LILLI ANN, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-10-25  
[86] 2003-04-15 (PCT/IB2003/001546)  
[87] 2003-11-06 (WO2003/090751)  
[30] US (60/375,974) 2002-04-26

---

[21] **2,483,504**  
[13] A1

[51] Int.Cl. 7C07D 401/12 7A61P 1/00  
7A61P 17/00 7A61P 43/00 7A61P 11/02  
7C07D 487/04 7C07D 495/04 7A61P 17/04  
7A61P 11/06 7A61P 37/08 7C07D 417/12  
7C07D 401/14 7C07D 405/14 7C07D 409/  
14 7C07D 413/14 7C07D 417/14 7A61P 27/  
14 7A61P 31/18 7A61K 31/454 7A61K 31/  
4545 7A61K 31/4709 7A61K 31/517  
[25] EN  
[54] 4,4-(DISUBSTITUTED)PIPERIDINE DERIVATIVES WITH CCR3 ANTAGONISM  
[54] DERIVES DE PIPERIDINE 4,4 DISUBSTITUES A ANTAGONISME CCR3  
[72] YOKOYAMA, TOMONORI, JP  
[72] NAKANISHI, AKINOBU, JP  
[72] MINAMIZONO, KUNIO, JP  
[72] TAKEUCHI, SUSUMU, JP  
[72] IMAI, MINORU, JP  
[72] SAWAI, YOSHIYUKI, JP  
[72] MATSUMOTO, YOSHIYUKI, JP  
[71] TEIJIN LIMITED, JP  
[85] 2004-10-25  
[86] 2003-04-16 (PCT/JP2003/004842)  
[87] 2003-11-06 (WO2003/091245)  
[30] JP (2002-123883) 2002-04-25  
[30] JP (2002-240508) 2002-08-21

---

[21] **2,483,505**  
[13] A1

[51] Int.Cl. 7C12N 15/11 7A61K 31/70  
[25] EN  
[54] CIRCULAR DUMBBELL DECOY OLIGODEOXYNUCLEOTIDES (CDODN) CONTAINING DNA BINDINGS SITES OF TRANSCRIPTION  
[54] OLIGODEOXYNUCLEOTIDES CIRCULAIRES EN HALTERE, LEURRES, (CDODN) RENFERMANT DES SITES DE LIAISON DE L'ADN DE TRANSCRIPTION  
[72] MORISHITA, RYUICHI, JP  
[72] LEE, IN-KYU, KR  
[71] LEE, IN-KYU, KR  
[71] ANGES MG, INC., JP  
[85] 2004-10-25  
[86] 2002-04-26 (PCT/JP2002/004303)  
[87] 2003-11-06 (WO2003/091432)

---

[21] **2,483,509**  
[13] A1

[51] Int.Cl. 7H01H 31/12  
[25] EN  
[54] FUSE CUTOUT WITH IMPROVED DROPOUT PERFORMANCE  
[54] COUPE-CIRCUIT A FUSIBLE ENTRAINANT UNE AMELIORATION DE LA DESEXCITATION  
[72] MONTANTE, JORGE R., US  
[71] S&C ELECTRIC COMPANY, US  
[85] 2004-10-25  
[86] 2003-04-14 (PCT/US2003/012449)  
[87] 2003-11-06 (WO2003/092027)  
[30] US (60/375,800) 2002-04-26  
[30] US (60/377,516) 2002-05-03

## PCT Applications Entering the National Phase

---

**[21] 2,483,510**  
[13] A1

[51] Int.Cl. 7C08L 83/05 7C08L 63/00  
7H01L 33/00 7C08K 5/057 7H01L 23/29  
7C08K 5/541 7C08K 5/55  
[25] EN  
[54] HARDENABLE COMPOSITION,  
HARDENING PRODUCT, PROCESS  
FOR PRODUCING THE SAME AND  
LIGHT EMITTING DIODE SEALED  
WITH THE HARDENING PRODUCT  
[54] COMPOSITION DURCISSABLE,  
PRODUIT DURCISSANT, PROCEDE DE  
PRODUCTION CORRESPONDANT ET  
DIODE EMETTRICE DE LUMIERE  
SCELLEE AVEC LE PRODUIT  
DURCISSANT  
[72] IDE, MASAHIKO, JP  
[72] MIKI, TOMOHIDE, JP  
[72] KURAMOTO, MASAFUMI, JP  
[72] OUCHI, KATSUYA, JP  
[72] TSUMURA, MANABU, JP  
[72] NII, IKUYA, JP  
[71] KANEKA CORPORATION, JP  
[85] 2004-10-26  
[86] 2003-04-23 (PCT/JP2003/005142)  
[87] 2003-11-06 (WO2003/091338)  
[30] JP (2002-125947) 2002-04-26  
[30] JP (2002-133412) 2002-05-09  
[30] JP (2002-135022) 2002-05-10  
[30] JP (2002-225189) 2002-08-01  
[30] JP (2003-26649) 2003-02-04

**[21] 2,483,511**  
[13] A1

[51] Int.Cl. 7H03D 3/00  
[25] EN  
[54] DC REMOVAL TECHNIQUES FOR  
WIRELESS NETWORKING  
[54] TECHNIQUES DE SUPPRESSION  
C.C. POUR RESEAUX SANS FIL  
[72] FILIPOVIC, DANIEL F., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/US2003/012935)  
[87] 2003-11-06 (WO2003/092152)  
[30] US (10/133,915) 2002-04-26

**[21] 2,483,512**  
[13] A1

[51] Int.Cl. 7H04L 1/00 7H04N 7/64  
[25] EN  
[54] ENCODED PACKET  
TRANSMISSION/RECEPTION  
METHOD, DEVICE THEREOF, AND  
PROGRAM  
[54] TECHNIQUE D'EMISSION/  
RECEPTION DE PAQUETS CODES,  
DISPOSITIF ET PROGRAMME A CET  
EFFET  
[72] KOYAMA, KAZUHIRO, JP  
[72] OZAWA, KAZUNORI, JP  
[72] HATABU, ATSUSHI, JP  
[71] NEC CORPORATION, JP  
[85] 2004-10-25  
[86] 2003-04-15 (PCT/JP2003/004738)  
[87] 2003-11-06 (WO2003/092208)  
[30] JP (2002-126599) 2002-04-26

**[21] 2,483,514**  
[13] A1

[51] Int.Cl. 7B29C 37/00 7B29C 45/16  
[25] EN  
[54] SELECTIVELY CONTROLLING  
IN-MOLD COATING FLOW  
INCLUDING INLET FLOW CONTROL  
AND REMOVABLE CONTAINMENT  
FLANGE  
[54] PROCEDE DE CONTROLE  
SELECTIF DU DEBIT DE  
REVETEMENT DANS LE MOULE,  
REGULATION DU DEBIT D'ENTREE  
ET COLLERETTE DE CONFINEMENT  
AMOVIBLE  
[72] THOMPSON, JOHN A., US  
[72] STRAUS, ELLIOTT J., US  
[71] OMNOVA SOLUTIONS, INC., US  
[85] 2004-10-25  
[86] 2003-05-01 (PCT/US2003/013466)  
[87] 2003-11-13 (WO2003/092979)  
[30] US (10/136,877) 2002-05-01  
[30] US (10/152,132) 2002-05-20

**[21] 2,483,516**  
[13] A1

[51] Int.Cl. 7H04N 7/26  
[25] EN  
[54] MOVING PICTURE DATA CODE  
CONVERSION/TRANSMISSION  
METHOD AND DEVICE, CODE  
CONVERSION/RECEPTION METHOD  
AND DEVICE  
[54] PROCEDE DE CONVERSION/  
TRANSMISSION DE CODES DE  
DONNEES D'IMAGES ANIMEES  
PROCEDE DE CONVERSION/  
RECEPTION DE CODES ET  
DISPOSITIF ASSOCIE  
[72] HATABU, ATSUSHI, JP  
[72] OZAWA, KAZUNORI, JP  
[72] DEI, HIROAKI, JP  
[71] NEC CORPORATION, JP  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/JP2003/005455)  
[87] 2003-11-06 (WO2003/092296)  
[30] JP (2002-126674) 2002-04-26

**[21] 2,483,517**  
[13] A1

[51] Int.Cl. 7A61F 5/58  
[25] EN  
[54] NON-STUTTERING  
BIOFEEDBACK METHOD AND  
APPARATUS USING DAF  
[54] METHODES ET DISPOSITIFS DE  
TRAITEMENT DE TROUBLES DE LA  
PAROLE-DU LANGAGE, AUTRES QUE  
LE BEGAITEMENT, FAISANT APPEL A  
UNE RETROACTION AUDITIVE  
DIFFEREE  
[72] STUART, ANDREW, US  
[72] RASTATTER, MICHAEL, US  
[72] KALINOWSKI, JOSEPH, US  
[71] EAST CAROLINA UNIVERSITY, US  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/US2003/012931)  
[87] 2003-11-06 (WO2003/091988)  
[30] US (60/375,937) 2002-04-26

## Demandes PCT entrant en phase nationale

---

[21] 2,483,519  
[13] A1

[51] Int.Cl. 7H05B 41/24 7H05B 39/00  
[25] EN  
[54] INDUCTIVELY POWERED LAMP ASSEMBLY  
[54] ENSEMBLE LAMPE ALIMENTÉE PAR VOIE INDUCTIVE  
[72] BAARMAN, DAVID W., US  
[71] ACCESS BUSINESS GROUP INTERNATIONAL LLC, US  
[85] 2004-10-25  
[86] 2002-06-07 (PCT/US2002/017901)  
[87] 2003-11-06 (WO2003/092329)  
[30] US (10/133,860) 2002-04-26

---

[21] 2,483,525  
[13] A1

[51] Int.Cl. 7C12Q 1/02 7A61K 45/00  
7A61P 43/00 7G01N 33/15 7A61K 38/17  
7A61P 25/28 7G01N 33/50  
[25] EN  
[54] METHOD OF MEASURING NEPRILYSIN ACTIVITY  
[54] METHODE DE MESURE DE L'ACTIVITE DE LA NEPRILYSINE  
[72] TAKAKI, YOSHIE, JP  
[72] NAKAYA, TADASHI, JP  
[72] IWATA, NOBUHISA, JP  
[72] TSUBUKI, SATOSHI, JP  
[72] SAITO, TAKASHI, JP  
[72] SAIDO, TAKAOMI, JP  
[71] RIKEN, JP  
[71] TAKEDA CHEMICAL INDUSTRIES, LTD., JP  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/JP2003/005239)  
[87] 2003-11-06 (WO2003/091449)  
[30] JP (2002-126257) 2002-04-26  
[30] JP (2002-261250) 2002-09-06

---

[21] 2,483,528  
[13] A1

[51] Int.Cl. 7C23C 26/00  
[25] EN  
[54] ROTOR AND COATING METHOD THEREFOR  
[54] ROTOR ET PROCEDE DE REVETEMENT DESTINE A CELUI-CI  
[72] ARAI, MIKIYA, JP  
[72] GOTO, AKIHIRO, JP  
[72] AKIYOSHI, MASAO, JP  
[72] TSUGUMI, SHOGO, JP  
[72] YAMAKAWA, TSUYOSHI, JP  
[72] OCHIAI, HIROYUKI, JP  
[72] WATANABE, MITSUTOSHI, JP  
[72] TEZUKA, TSUNAO, JP  
[72] SAKAI, JUN, JP  
[72] SABURI, SHIGERU, JP  
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2004-10-25  
[86] 2003-10-09 (PCT/JP2003/012945)  
[87] 2004-04-22 (WO2004/033755)  
[30] JP (2002-295964) 2002-10-09  
[30] JP (2002-295966) 2002-10-09  
[30] JP (2003/167075) 2003-06-11

---

[21] 2,483,529  
[13] A1

[51] Int.Cl. 7C07D 215/54 7C07D 401/12  
7C07D 405/12 7C07D 409/12 7C07D 417/12 7C07D 215/22  
[25] EN  
[54] PROCESS FOR THE PREPARATION OF 7-SUBSTITUTED-3-QUINOLINE AND 3-QUINOL-4-ONE CARBONITRILES  
[54] PREPARATION DE 3-QUINOLINE ET DE 3-QUINOL-4-ONE CARBONITRILES SUBSTITUES EN POSITION 7  
[72] BERGER, DAN MAARTEN, US  
[72] JOHNSON, STEVEN LAWRENCE, US  
[72] WANG, YANONG DANIEL, US  
[72] BOSCHELLI, DIANE HARRIS, US  
[71] WYETH HOLDINGS CORPORATION, US  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/US2003/013149)  
[87] 2003-11-13 (WO2003/093241)  
[30] US (60/376,456) 2002-04-30

---

[21] 2,483,530  
[13] A1

[51] Int.Cl. 7C07D 239/95 7C07D 493/04  
7A61P 17/04 7C07D 401/06 7C07D 413/06  
7C07D 401/12 7C07D 403/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12 7A61K 31/357 7A61K 31/517  
7A61K 31/5377 7A61K 31/541  
[25] EN  
[54] QUINAZOLINE DERIVATIVES AND MEDICAMENTS  
[54] DERIVE ET MEDICAMENT DE QUINAZOLINE  
[72] OKANO, MASAHIKO, JP  
[72] OYAMA, TATSUYA, JP  
[71] NIPPON SHINYAKU CO., LTD., JP  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/JP2003/005432)  
[87] 2003-11-06 (WO2003/091224)  
[30] JP (2002/125452) 2002-04-26  
[30] JP (2002/272314) 2002-09-18  
[30] JP (2002/373400) 2002-12-25

---

[21] 2,483,531  
[13] A1

[51] Int.Cl. 7E04B 1/19 7E04B 1/58  
[25] EN  
[54] SYSTEM, METHOD AND DEVICE FOR PRODUCING A SUPPORTING FRAMEWORK OR RIGID GIRDER  
[54] SYSTEME, PROCEDE ET DISPOSITIF DE PRODUCTION D'UNE STRUCTURE PORTEUSE OU OSSATURE RIGIDE  
[72] WALLNER, ULRICH, DE  
[71] HEIKE WALLNER AUTOMATION GMBH, DE  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/EP2003/004264)  
[87] 2003-11-06 (WO2003/091507)  
[30] DE (102 18 597.2) 2002-04-25

## PCT Applications Entering the National Phase

---

[21] 2,483,532

[13] A1

[51] Int.Cl. 7C07D 401/06 7A61K 31/473

[25] EN

[54] NOVEL CRYSTAL FORMS OF ONDANSETRON, PROCESSES FOR THEIR PREPARATION, PHARMACEUTICAL COMPOSITIONS CONTAINING THE NOVEL FORMS AND METHODS FOR TREATING NAUSEA USING THEM  
[54] NOUVELLES FORMES CRISTALLINES D'ONDANSETRON, PROCEDES DE PREPARATION CORRESPONDANT, COMPOSITIONS PHARMACEUTIQUES CONTENANT CES NOUVELLES FORMES ET PROCEDES DE TRAITEMENT DE LA NAUSSEE AU MOYEN DES CES NOUVELLES FORMES

[72] MOLNAR, SANDOR, HU

[72] ARONHIME, JUDITH, IL

[72] TAMAS, TIVADAR, HU

[72] SZABO, CSABA, HU

[72] SALYI, SZABOLCS, HU

[72] MESZAROS SOS, ERZSEBET, HU

[71] BIOGAL GYOGYSZERGYAR RT., HU

[85] 2004-10-26

[86] 2003-04-29 (PCT/US2003/013220)

[87] 2003-11-13 (WO2003/093260)

[30] US (60/376,395) 2002-04-30

---

[21] 2,483,533

[13] A1

[51] Int.Cl. 7C07D 499/88 7C07D 471/00  
7C07D 487/00 7C07D 495/00 7C07D 498/  
00 7C07D 499/00 7C07D 513/00 7C07D  
519/00

[25] EN

[54] PROCESS FOR PREPARING 6-ALKYLIDENE PENEM DERIVATIVES

[54] PROCEDE DE PREPARATION DE DERIVES DE 6-ALKYLIDENE PENEM

[72] VENKATESAN, ARANAPAKAM  
MUDUMBAI, US

[72] SATO, KOICHI, JP

[72] TAKASAKI, TSUYOSHI, JP

[72] USHIROGOCHI, HIDEKI, JP

[72] MANSOUR, TAREK SUHAYL, US

[72] ABE, TAKAO, JP

[72] SATO, CHISATO, JP

[72] MIHIRA, ADO, JP

[72] MATSUNAGA, HIROSHI, JP

[71] WYETH, US

[85] 2004-10-26

[86] 2003-04-30 (PCT/US2003/013429)

[87] 2003-11-13 (WO2003/093277)

[30] US (60/377,048) 2002-05-01

---

[21] 2,483,534

[13] A1

[51] Int.Cl. 7A61K 7/00 7A61K 7/48  
[25] EN  
[54] RINSABLE SKIN CONDITIONING COMPOSITIONS

[54] COMPOSITIONS RINCABLES POUR LE SOIN DE LA PEAU

[72] DECKNER, GEORGE ENDEL, US

[72] MANCHUSO, SCOTT EDWARD, US

[72] SINE, MARK RICHARD, US

[72] RODRIGUEZ, VICTOR RUBEN, US

[72] MONSUEIR, WILLIAM JOSEPH, US

[71] THE PROCTER & GAMBLE COMPANY, US

[85] 2004-10-25

[86] 2003-05-07 (PCT/US2003/014321)

[87] 2003-11-20 (WO2003/094867)

[30] US (10/142,217) 2002-05-09

[30] US (10/298,891) 2002-11-18

---

[21] 2,483,535

[13] A1

[51] Int.Cl. 7F16H 55/08 7B23F 19/00  
7B21J 5/06 7B21J 5/08 7B21K 1/30

[25] EN

[54] GEAR PRODUCT AND METHOD OF MANUFACTURING THE GEAR PRODUCT

[54] ROUE DENTEE ET SON PROCEDE DE PRODUCTION

[72] OOKA, JUNICHI, JP

[71] O-OKA CORPORATION, JP

[85] 2004-10-25

[86] 2003-04-24 (PCT/JP2003/005231)

[87] 2003-11-06 (WO2003/091604)

[30] JP (2002-127352) 2002-04-26

---

[21] 2,483,536

[13] A1

[51] Int.Cl. 7A61N 1/362

[25] EN

[54] METHOD AND APPARATUS FOR DELAYING A VENTRICULAR TACHYCARDIA THERAPY

[54] PROCEDE ET DISPOSITIF PERMETTANT DE DIFFERER UNE THERAPIE SUR TACHYCARDIE VENTRICULAIRE

[72] DEGROOT, PAUL J., US

[72] BURNES, JOHN E., US

[71] MEDTRONIC, INC., US

[85] 2004-10-25

[86] 2003-04-02 (PCT/US2003/010041)

[87] 2003-11-06 (WO2003/090858)

[30] US (10/134,352) 2002-04-26

---

[21] 2,483,537

[13] A1

[51] Int.Cl. 7C08G 73/10 7C08G 69/10

[25] EN

[54] COPOLYMERS OF AMINO ACIDS AND METHODS OF THEIR PRODUCTION

[54] COPOLYMERES D'ACIDES AMINES ET PROCEDE PREPARATION

[72] SIKES, C. STEVEN, US

[71] AQUERO COMPANY LLC, US

[85] 2004-10-25

[86] 2003-05-07 (PCT/US2003/014312)

[87] 2003-11-20 (WO2003/095525)

[30] US (60/378,915) 2002-05-07

---

[21] 2,483,538

[13] A1

[51] Int.Cl. 7C07D 519/00 7C07D 471/00

7C07D 487/00 7C07D 495/00 7C07D 498/

00 7C07D 499/00 7C07D 503/00 7C07D

513/00 7A61P 31/04 7A61K 31/431 7C07D

499/88

[25] EN

[54] BICYCLIC 6-ALKYLIDENE-PENEMS AS .SFLIG.-LACTAMASES INHIBITORS

[54] PENEMES 6-ALKYLIDENE BICYCLIQUE UTILISES EN TANT QU'INHIBITEURS DE .SFLIG.-LACTAMASES

[72] ABE, TAKAO, JP

[72] LIN, YANG-I, US

[72] AGARWAL, ATUL, US

[72] SANTOS, OSVALDO DOS, US

[72] SUM, FUK-WAH, US

[72] MANSOUR, TAREK SUHAYL, US

[72] VENKATESAN, ARANAPAKAM

MUDUMBAI, US

[72] TAKASAKI, TSUYOSHI, JP

[72] YAMAMURA, ITSUKI, JP

[71] WYETH, US

[85] 2004-10-26

[86] 2003-04-30 (PCT/US2003/013428)

[87] 2003-11-13 (WO2003/093279)

[30] US (60/377,052) 2002-05-01

## Demandes PCT entrant en phase nationale

---

**[21] 2,483,539**  
[13] A1

[51] Int.Cl. 7E05F 15/00 7E05F 15/16  
7H01R 13/703  
[25] EN  
[54] METHOD AND DEVICE FOR  
ADJUSTING AN INTERNAL  
OBSTRUCTION FORCE SETTING FOR  
A MOTORIZED GARAGE DOOR  
OPERATOR  
[54] PROCEDE ET DISPOSITIF DE  
REGLAGE D'UNE FORCE  
D'OBSTRUCTION INTERNE POUR UN  
OPERATEUR DE PORTE DE GARAGE  
MOTORIZEE  
[72] MURRAY, JAMES S., US  
[71] WAYNE-DALTON CORP., US  
[85] 2004-10-25  
[86] 2003-03-24 (PCT/US2003/008985)  
[87] 2003-11-20 (WO2003/095779)  
[30] US (10/142,642) 2002-05-10

**[21] 2,483,540**  
[13] A1

[51] Int.Cl. 7A23G 7/00 7A23G 3/00  
7A23G 9/26  
[25] EN  
[54] APPARATUS AND METHOD FOR  
MAKING CONFECTIONERY ON A  
STICK  
[54] DISPOSITIF ET PROCEDE  
SERVANT A LA FABRICATION DE  
CONFISERIES SUR BATONNETS  
[72] WRAY, MARTYN THOMAS, GB  
[71] APV SYSTEMS LIMITED, GB  
[85] 2004-10-26  
[86] 2003-04-17 (PCT/GB2003/001680)  
[87] 2003-11-13 (WO2003/092401)  
[30] GB (0210093.1) 2002-05-02

**[21] 2,483,542**  
[13] A1

[51] Int.Cl. 7H01J 49/42  
[25] EN  
[54] IMPROVED AXIAL EJECTION  
RESOLUTION IN MULTIPOLE MASS  
SPECTROMETERS  
[54] RESOLUTION D'EJECTION  
AXIALE AMELIOREE POUR  
SPECTROMETRES DE MASSE  
MULTIPOLAIRES  
[72] LONDRY, FRANK, CA  
[72] COLLINGS, BRUCE A., CA  
[72] HAGER, JAMES W., CA  
[72] STOTT, WILLIAM R., CA  
[71] MDS INC., DOING BUSINESS AS  
MDS SCIEX, CA  
[85] 2004-10-26  
[86] 2003-04-02 (PCT/CA2003/000475)  
[87] 2003-12-11 (WO2003/103009)  
[30] US (10/159,766) 2002-05-30

**[21] 2,483,547**  
[13] A1

[51] Int.Cl. 7A61K 35/36 7A61K 48/00  
7A61K 38/18 7A61L 27/38 7A61L 27/60  
[25] EN  
[54] KERATINOCYTES EXPRESSING  
EXOGENOUS ANGIOGENIC GROWTH  
FACTORS  
[54] KERATINOCYTES EXPRIMANT  
DES FACTEURS DE CROISSANCE  
ANGIOGENIQUES EXOGENES  
[72] HOFFMANN, LYNN-ALLEN, US  
[72] COMER, ALLEN, US  
[72] HOFFMANN, MICHAEL, US  
[71] STRATATECH CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-29 (PCT/US2003/013327)  
[87] 2003-11-13 (WO2003/093418)  
[30] US (60/376,488) 2002-04-30  
[30] US (10/425,784) 2003-04-29

**[21] 2,483,548**  
[13] A1

[51] Int.Cl. 7B01J 23/40 7B01J 23/02  
7B01J 23/06 7B01J 23/42 7B01J 23/60  
[25] EN  
[54] FISCHER-TROPSCH CATALYST  
[54] CATALYSEUR FISCHER-  
TROPSCH  
[72] BAIJENSE, CORNELIS ROELAND,  
NL  
[72] REKKER, TJALLING, NL  
[71] ENGELHARD CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-22 (PCT/US2003/012378)  
[87] 2003-11-06 (WO2003/090925)  
[30] EP (02076677.0) 2002-04-25

**[21] 2,483,549**  
[13] A1

[51] Int.Cl. 7A47C 3/02  
[25] EN  
[54] ROCKING CHAIR  
[54] FAUTEUIL A BASCULE  
[72] BODINEK, MARGRIT, DE  
[71] BODINEK, MARGRIT, DE  
[85] 2004-10-26  
[86] 2003-09-24 (PCT/DE2003/003184)  
[87] 2004-04-08 (WO2004/028303)  
[30] DE (102 45 173.7) 2002-09-26

**[21] 2,483,545**  
[13] A1

[51] Int.Cl. 7A23L 1/00 7A23P 1/02 7A23L  
1/30  
[25] EN  
[54] COATED, AGGLOMERATED  
PHYTOCHEMICALS  
[54] PHYTOCHIMIQUES ENROBES ET  
AGGLOMERES  
[72] KUELLMER, VOLKER, US  
[72] SHUKLA, RISHI, US  
[71] KUELLMER, VOLKER, US  
[71] SHUKLA, RISHI, US  
[85] 2004-10-26  
[86] 2003-05-02 (PCT/US2003/013724)  
[87] 2003-11-13 (WO2003/092406)  
[30] US (60/376,836) 2002-05-02

## PCT Applications Entering the National Phase

---

[21] 2,483,554

[13] A1

[51] Int.Cl. 7A61K 31/585 7A61P 9/12  
7A61P 15/12 7A61K 31/401 7A61K 38/55  
7A61K 31/565 7A61K 31/567 7A61K 31/  
675  
[25] EN  
[54] TREATMENT OF HYPERTENSION  
IN WOMEN RECEIVING HORMONE  
REPLACEMENT THERAPY  
[54] TRAITEMENT DE  
L'HYPERTENSION CHEZ DES  
FEMMES SUIVANT UNE  
HORMONOTHERAPIE SUBSTITUTIVE  
[72] KARARA, ADEL H., US  
[71] SCHERING  
AKTIENGESELLSCHAFT, DE  
[85] 2004-10-26  
[86] 2003-03-24 (PCT/US2003/012596)  
[87] 2003-11-06 (WO2003/090755)  
[30] US (60/375,439) 2002-04-26

[21] 2,483,555

[13] A1

[51] Int.Cl. 7C07D 207/27 7A61K 31/4172  
[25] EN  
[54] GAMMA LACTAMS AS  
PROSTAGLANDIN AGONISTS AND  
USE THEREOF  
[54] GAMMA LACTAMES UTILISES EN  
TANT QU'AGONISTES DE LA  
PROSTAGLANDINE ET LEUR  
UTILISATION  
[72] REDDY, ADULLA P., US  
[72] ZHAO, ZHONG, US  
[72] ARALDI, GIAN LUCA, US  
[72] BAO, BAGNA, US  
[72] MCKENNA, SEAN D., US  
[71] APPLIED RESEARCH SYSTEMS ARS  
HOLDING N.V., AN  
[85] 2004-10-25  
[86] 2003-06-09 (PCT/US2003/018202)  
[87] 2003-12-18 (WO2003/103604)  
[30] US (60/387,340) 2002-06-10  
[30] US (60/451,804) 2003-03-03

[21] 2,483,558

[13] A1

[51] Int.Cl. 7F03D 11/04 7B66C 1/42  
[25] EN  
[54] METHODS OF HANDLING WIND  
TURBINE BLADES AND MOUNTING  
SAID BLADES ON A WIND TURBINE,  
SYSTEM AND GRIPPING UNIT FOR  
HANDLING A WIND TURBINE BLADE  
[54] PROCEDES DE MANIPULATION  
DE PALES D'EOLIENNE ET DE  
MONTAGE DESDITES PALES SUR UNE  
EOLIENNE, SYSTEME ET UNITE DE  
PREHENSION POUR MANIPULER UNE  
PALE D'EOLIENNE  
[72] BERVANG, ANDERS GREVE, DK  
[71] VESTAS WIND SYSTEMS A/S, DK  
[85] 2004-10-26  
[86] 2002-05-27 (PCT/DK2002/000360)  
[87] 2003-12-04 (WO2003/100249)

[21] 2,483,561

[13] A1

[51] Int.Cl. 7H04B 1/69  
[25] EN  
[54] SIMPLE AND ROBUST DIGITAL  
CODE TRACKING LOOP FOR  
WIRELESS COMMUNICATION  
SYSTEMS  
[54] BOUCLE DE POURSUITE DE  
CODE NUMERIQUE SIMPLE ET  
ROBUSTE POUR SYSTEMES DE  
COMMUNICATION SANS FIL  
[72] LI, BIN, US  
[71] INTERDIGITAL TECHNOLOGY  
CORPORATION, US  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/US2003/013248)  
[87] 2003-11-13 (WO2003/093929)  
[30] US (60/376,465) 2002-04-29

[21] 2,483,562

[13] A1

[51] Int.Cl. 7C07D 519/00 7A61P 31/00  
7A61K 31/55  
[25] EN  
[54] HETEROTRICYCLYL-6-  
ALKYLIDENE-PENEMS AS BETA-  
LACTAMASE INHIBITORS  
[54] DERIVES D'HETEROTRICYCLYL  
6-ALKYLIDENE-PENEMES EN TANT  
QU'INHIBITEURS DE BETA-  
LACTAMASE  
[72] MIHIRA, ADO, JP  
[72] AGARWAL, ATUL, US  
[72] VENKATESAN, ARANAPAKAM  
MUDUMBAI, US  
[72] MANSOUR, TAREK SUHAYL, US  
[72] SUM, FUK-WAH, US  
[72] ABE, TAKAO, JP  
[72] TAMAI, SATOSHI, JP  
[72] GU, YANSONG, US  
[72] USHIROGOCHI, HIDEKI, JP  
[71] WYETH, US  
[85] 2004-10-26  
[86] 2003-04-30 (PCT/US2003/013451)  
[87] 2003-11-13 (WO2003/093280)  
[30] US (60/377,051) 2002-05-01

[21] 2,483,563

[13] A1

[51] Int.Cl. 7B01D 11/04  
[25] EN  
[54] PARTICLES FROM  
SUPERCritical FROM  
SUPERCritical FLUID  
EXTRACTION OF EMULSION  
[54] PARTICULES OBTENUES PAR  
EXTRACTION PAR FLUIDE  
SUPERCritIQUE D'UNE EMULSION  
[72] HUFF, ROBERT W., US  
[72] SHEKUNOV, BORIS Y., US  
[72] SEITZINGER, JEFFREY S., US  
[72] CHATTOPADHYAY, PRATIBHASH,  
US  
[71] FERRO CORPORATION, US  
[85] 2004-10-25  
[86] 2003-06-20 (PCT/US2003/019633)  
[87] 2004-01-15 (WO2004/004862)  
[30] US (60/393,904) 2002-07-03  
[30] US (60/445,944) 2003-02-07  
[30] US (10/423,492) 2003-04-25

## Demandes PCT entrant en phase nationale

---

[21] 2,483,565  
[13] A1

[51] Int.Cl. 7A01J 5/007  
[25] EN  
[54] AUTOMATIC MILK SEPARATION  
[54] SEPARATION AUTOMATIQUE DU LAIT  
[72] BOSMA, EPKE, SE  
[71] DELAVAL HOLDING AB, SE  
[85] 2004-10-26  
[86] 2003-05-06 (PCT/SE2003/000676)  
[87] 2003-11-20 (WO2003/094602)  
[30] SE (0201380-3) 2002-05-07

---

[21] 2,483,566  
[13] A1

[51] Int.Cl. 7C07D 521/00 7C07D 403/06  
7A61P 1/08 7A61K 31/4178  
[25] EN  
[54] PROCESS FOR PREPARING 1,2,3,9-TETRAHYDRO-9-METHYL-3-(2-METHYL-1H-IMIDAZOL-1-YL)METHYL]-4H-CARBAZOL-4-ONE  
[54] METHODE DE PREPARATION DE 1,2,3,9-TETRAHYDRO-9-METHYL-3-(2-METHYL-1H-IMIDAZOL-1-YL)METHYL]-4H-CARBAZOL-4-ONE  
[72] MOLNAR, SANDOR, HU  
[72] TAMAS, TIVADAR, HU  
[72] SALYI, SZABOLCS, HU  
[72] MESZAROS SOS, ERZSEBET, HU  
[72] SZABO, CSABA, HU  
[71] BIOGAL GYOGYSZERGYAR RT., HU  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/US2003/013221)  
[87] 2003-11-13 (WO2003/093281)  
[30] US (60/376,323) 2002-04-29

---

[21] 2,483,567  
[13] A1

[51] Int.Cl. 7G01R 31/34 7G01R 31/06  
7G01R 31/12  
[25] EN  
[54] METHOD FOR DIAGNOSING DETERIORATION OF COIL AND SYSTEM FOR DIAGNOSING DETERIORATION OF COIL  
[54] PROCEDE ET SYSTEME DE DIAGNOSTIC DE DETERIORATION DE BOBINE  
[72] TAKAHASHI, SHINJI, JP  
[72] OGAWA, HIROAKI, JP  
[72] INOUE, YOSHIIUKI, JP  
[72] HASEGAWA, HIROSHI, JP  
[72] SEKITO, SHINOBU, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[71] TOSHIBA PLANT SYSTEMS & SERVICES CORPORATION, JP  
[85] 2004-10-26  
[86] 2003-02-17 (PCT/JP2003/001649)  
[87] 2003-11-06 (WO2003/091743)  
[30] JP (2002-126293) 2002-04-26

---

[21] 2,483,568  
[13] A1

[51] Int.Cl. 7C10G 29/06 7C10G 19/00  
7C10G 29/10 7C07C 51/41  
[25] EN  
[54] METHOD OF REDUCING HYDROLYSIS IN HYDROCARBON STREAMS  
[54] PROCEDE PERMETTANT DE REDUIRE L'HYDROLYSE DANS DES FLUX D'HYDROCARBURES  
[72] EATON, PAUL EUGENE, US  
[72] VENTER, PETROUS JOHANNES, US  
[72] JONES, GEORGE BURTON, CA  
[71] CHAMPION TECHNOLOGIES, INC., US  
[85] 2004-10-26  
[86] 2003-04-28 (PCT/US2003/013361)  
[87] 2003-11-13 (WO2003/093399)  
[30] US (60/376,131) 2002-04-29  
[30] US (10/369,396) 2003-02-21

---

[21] 2,483,569  
[13] A1

[51] Int.Cl. 7C07C 209/84 7C07C 211/42  
[25] EN  
[54] PROCESS FOR PREPARATION OF POLYMORPHIC FORM II OF SERTRALINE HYDROCHLORIDE, PHARMACEUTICAL FORMULATIONS AND METHODS OF ADMINISTRATION THEREOF  
[54] PROCEDES POUR PREPARER UNE FORME II POLYMORPHE D'HYDROCHLORURE DE SERTRALINE, PREPARATIONS PHARMACEUTIQUES ET PROCEDES D'ADMINISTRATION  
[72] ARONHIME, JUDITH, IL  
[72] HRAKOVSKY, JULIA, IL  
[72] MENDELLOVICI, MARIOARA, IL  
[72] NIDAM, TAMAR, IL  
[72] BOROCHOVITCH, RONEN, IL  
[72] TENENGAUZER, RUTH, IL  
[71] TEVA PHARMACEUTICAL INDUSTRIES LTD., IL  
[85] 2004-10-28  
[86] 2003-04-29 (PCT/US2003/013438)  
[87] 2003-11-13 (WO2003/093217)  
[30] US (60/376,787) 2002-04-29

---

[21] 2,483,572  
[13] A1

[51] Int.Cl. 7G02B 6/35  
[25] EN  
[54] MULTIPLE-AXIS CONTROL SYSTEM FOR AN OPTICAL SWITCH  
[54] SYSTEME DE COMMANDE MULTI-AXE DESTINE A UN COMMUTATEUR OPTIQUE  
[72] GHANDI, KAMYAR, US  
[72] GLENN, TIMOTHY SCOTT, US  
[72] HAGOOD, NESBITT WARD IV, US  
[71] CONTINUUM PHOTONICS, INC., US  
[85] 2004-10-26  
[86] 2003-03-18 (PCT/US2003/008378)  
[87] 2003-10-02 (WO2003/081292)  
[30] US (60/365,457) 2002-03-18

## PCT Applications Entering the National Phase

---

[21] 2,483,573  
[13] A1

[51] Int.Cl. 7C07D 241/44 7A61P 29/00  
7C07D 401/12 7C07D 403/12 7C07D 405/  
12 7C07D 409/12 7C07D 413/12 7C07D  
417/12 7C07D 401/14 7C07D 405/14  
7C07D 409/14 7C07D 413/14 7C07D 417/  
14 7A61K 31/498 7A61K 31/5377  
[25] EN  
[54] SULFONYLQUINOXALONE  
ACETAMIDE DERIVATIVES AND  
RELATED COMPOUNDS AS  
BRADYKININ ANTAGONISTS  
[54] DERIVES D'ACETAMIDE  
SULFONYLQUINOXALONE ET  
COMPOSES ASSOCIES EN TANT  
QU'ANTAGONISTES DE LA  
BRADYKININE  
[72] NEITZEL, MARTIN, US  
[72] FAROUZ, FRANCINE, US  
[72] KHAN, AMIN, US  
[72] KASAR, RAMESH A., US  
[72] DAPPAN, MICHAEL S., US  
[72] BARTULIS, SARAH, US  
[72] BROGLEY, LOUIE, US  
[72] TUCKER, JOHN, US  
[72] YE, MICHAEL, US  
[72] THORSETT, EUGENE D., US  
[72] PLEISS, MICHAEL A., US  
[71] ELAN PHARMACEUTICALS, INC.,  
US  
[85] 2004-10-28  
[86] 2003-05-02 (PCT/US2003/013805)  
[87] 2003-11-13 (WO2003/093245)  
[30] US (60/378,206) 2002-05-03

[21] 2,483,584  
[13] A1

[51] Int.Cl. 7H01L 31/032 7H01L 31/18  
[25] FR  
[54] PROCEDE DE FABRICATION DE  
SEMI-CONDUCTEURS EN COUCHES  
MINCES A BASE DE COMPOSES I-III-  
VI2, POUR APPLICATIONS  
PHOTOVOLTAIQUES  
[54] METHOD FOR MAKING THIN-  
FILM SEMICONDUCTORS BASED ON  
I-III-VI2 COMPOUNDS, FOR  
PHOTOVOLTAIC APPLICATIONS  
[72] MAHE, MICHEL, FR  
[72] GUIMARD, DENIS, FR  
[72] GUILLEMOLES, JEAN-FRANCOIS,  
FR  
[72] KERREC, OLIVIER, FR  
[72] GRAND, PIERRE PHILIPPE, FR  
[72] COWACHE, PIERRE, FR  
[72] TAUNIER, STEPHANE, FR  
[72] VEDEL, JACQUES, FR  
[72] LINCOT, DANIEL, FR  
[72] BEN-FARAH, MOEZ, FR  
[71] ELECTRICITE DE FRANCE-  
SERVICE NATIONAL, FR  
[71] CENTRE NATIONAL DE LA  
RECHERCHE SCIENTIFIQUE, FR  
[85] 2004-10-26  
[86] 2003-04-23 (PCT/FR2003/001282)  
[87] 2003-11-13 (WO2003/094246)  
[30] FR (02/05362) 2002-04-29

[21] 2,483,595  
[13] A1

[51] Int.Cl. 7H04Q 7/20  
[25] EN  
[54] POINT TO MULTI-POINT  
SERVICES USING SHARED  
CHANNELS IN WIRELESS  
COMMUNICATION SYSTEMS  
[54] SERVICES POINT-MULTI-POINT  
FAISANT APPEL A DES CANAUX  
PARTAGES DANS DES SYSTEMES DE  
COMMUNICATION SANS FIL  
[72] TERRY, STEPHEN E., US  
[71] INTERDIGITAL TECHNOLOGY  
CORPORATION, US  
[85] 2004-11-01  
[86] 2003-04-30 (PCT/US2003/013427)  
[87] 2003-11-13 (WO2003/094550)  
[30] US (60/377,037) 2002-05-01

[21] 2,483,597  
[13] A1

[51] Int.Cl. 7A61K 31/496 7A61P 15/00  
7A61P 25/16 7A61K 9/20 7A61P 25/28  
[25] EN  
[54] NEW PHARMACEUTICAL  
COMPOSITIONS CONTAINING  
FLIBANSERIN POLYMORPH A  
[54] NOUVELLES COMPOSITIONS  
PHARMACEUTIQUES CONTENANT  
UN POLYMORPHE A DE  
FLIBANSERINE  
[72] FRIEDL, THOMAS, DE  
[72] RADTKE, GUIDO BERNHARD  
EDMUND, DE  
[71] BOEHRINGER INGELHEIM  
PHARMA GMBH & CO. KG, DE  
[85] 2004-10-27  
[86] 2003-05-19 (PCT/EP2003/005226)  
[87] 2003-11-27 (WO2003/097058)  
[30] EP (02011224.9) 2002-05-22

[21] 2,483,601  
[13] A1

[51] Int.Cl. 7H04N 7/167 7G06F 11/30  
[25] EN  
[54] METHOD AND APPARATUS FOR  
IN-LINE SERIAL DATA ENCRYPTION  
[54] PROCEDE ET APPAREIL POUR LE  
CRYPTAGE EN LIGNE DES DONNEES  
SERIE  
[72] SULLIVAN, PATRICK L., US  
[71] GENERAL DYNAMICS ADVANCED  
INFORMATION SYSTEMS, INC., US  
[85] 2004-11-01  
[86] 2003-04-29 (PCT/US2003/013578)  
[87] 2003-11-13 (WO2003/094513)  
[30] US (60/376,580) 2002-04-30

## Demandes PCT entrant en phase nationale

---

[21] 2,483,605  
[13] A1

[51] Int.Cl. 7G06F 12/14 7H04L 9/32  
[25] EN  
[54] METHOD AND APPARATUS FOR PROTECTING INFORMATION AND PRIVACY  
[54] PROCEDE ET APPAREIL DE PROTECTION D'INFORMATIONS ET DE VIE PRIVEE  
[72] SHASHA, DENNIS E., US  
[72] RABIN, MICHAEL O., US  
[72] BEINART, YOSSI, US  
[72] CACERES, RAMON, US  
[72] MOLNAR, DAVID, US  
[72] ROLINSON, SEAN, US  
[72] KARIA, TIMIR, US  
[71] SHIELDIP, INC., US  
[85] 2004-11-01  
[86] 2003-05-01 (PCT/US2003/013644)  
[87] 2003-11-13 (WO2003/093961)  
[30] US (60/377,580) 2002-05-02

---

[21] 2,483,613  
[13] A1

[51] Int.Cl. 7H04N 7/24  
[25] EN  
[54] MULTIMEDIA CONTENT ASSEMBLY  
[54] ASSEMBLAGE DE CONTENUS MULTIMEDIA  
[72] CARVER, DAVID, US  
[72] GEROVAC, BRANKO J., US  
[71] SEACHANGE INTERNATIONAL, INC., US  
[85] 2004-11-01  
[86] 2003-05-02 (PCT/US2003/013858)  
[87] 2003-11-13 (WO2003/094522)  
[30] US (10/138,552) 2002-05-03

---

[21] 2,483,634  
[13] A1

[51] Int.Cl. 7A61K 7/06  
[25] EN  
[54] REDUCTION OF HAIR GROWTH  
[54] LIMITATION DE LA POUSSE DES POILS  
[72] HWANG, CHENG SHINE, US  
[72] AHLUWALIA, GURPREET S., US  
[72] JARDIEN, ANWAR, US  
[72] SHANDER, DOUGLAS, US  
[71] THE GILLETTE COMPANY, US  
[85] 2004-10-26  
[86] 2003-05-02 (PCT/US2003/013956)  
[87] 2003-11-27 (WO2003/096997)  
[30] US (10/145,283) 2002-05-14

---

[21] 2,483,636  
[13] A1

[51] Int.Cl. 7C07D 401/06 7A61P 25/28  
7A61K 31/4709  
[25] EN  
[54] 3,4-DIHYDROQUINOLIN-2(1H)-ONE COMPOUNDS AS NR2B RECEPTOR ANTAGONISTS  
[54] COMPOSES DE 3,4-DIHYDROQUINOLINE-2(1H)-ONE COMME ANTAGONISTES DU RECEPTEUR DE NR2B  
[72] KAWAMURA, MITSUHIRO, JP  
[71] PFIZER INC., US  
[85] 2004-10-25  
[86] 2003-04-15 (PCT/IB2003/001556)  
[87] 2003-11-06 (WO2003/091241)  
[30] US (60/375,939) 2002-04-26

---

[21] 2,483,647  
[13] A1

[51] Int.Cl. 7C08L 51/08 7C08L 69/00  
[25] EN  
[54] POLYORGANOSILOXANE-CONTAINING GRAFT COPOLYMER COMPOSITION  
[54] COMPOSITION DE COPOLYMERE GREFFE CONTENANT DU POLYORGANOSILOXANE  
[72] TSUNEISHI, HIROSHI, JP  
[72] TAKAKI, AKIRA, JP  
[72] MIYATAKE, NOBUO, JP  
[72] HASHIMOTO, TOMOMICHI, JP  
[72] SAEGUSA, KAZUNORI, JP  
[71] KANEKA CORPORATION, JP  
[85] 2004-10-22  
[86] 2003-04-25 (PCT/JP2003/005324)  
[87] 2003-11-13 (WO2003/093365)  
[30] JP (2002-128969) 2002-04-30

---

[21] 2,483,648  
[13] A1

[51] Int.Cl. 7C01C 1/12 7C01C 1/02  
7B01D 53/58 7B01D 53/73  
[25] EN  
[54] PROCESS FOR REMOVING AMMONIA FROM AN AMMONIA-CONTAINING GAS STREAM  
[54] PROCEDE POUR EXTRAIRE DE L'AMMONIAC D'UN FLUX GAZEUX CONTENANT DE L'AMMONIAC  
[72] BIERMANS, ANDREAS JOHANNES, NL  
[72] BUITINK, FREDERICUS HENRICUS MARIA, NL  
[71] DSM IP ASSETS B.V., NL  
[85] 2004-10-22  
[86] 2003-05-06 (PCT/NL2003/000331)  
[87] 2003-12-04 (WO2003/099721)  
[30] NL (1020665) 2002-05-23

---

[21] 2,483,649  
[13] A1

[51] Int.Cl. 7C11D 17/04 7C11D 3/37  
[25] EN  
[54] METHOD FOR MANUFACTURING LAUNDRY ADDITIVE ARTICLE  
[54] PROCEDE DE FABRICATION D'UN ARTICLE ADDITIF DE BLANCHISSERIE  
[72] PANANDIKER, RAJAN KESHAV, US  
[72] WAGERS, SHANNON DALE, US  
[72] AOUAD, YOUSEF GEORGES, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-22  
[86] 2002-10-09 (PCT/US2002/032261)  
[87] 2003-04-17 (WO2003/031559)  
[30] US (09/973,440) 2001-10-09  
[30] US (09/973,445) 2001-10-09  
[30] US (10/051,660) 2002-01-18  
[30] US (10/058,717) 2002-01-28

---

[21] 2,483,650  
[13] A1

[51] Int.Cl. 7C08G 61/12 7H01L 51/30  
[25] EN  
[54] COPOLYMERS HAVING TUNABLE ENERGY LEVELS AND COLOR OF EMISSION  
[54] COPOLYMERES AYANT DES NIVEAUX D'ENERGIE ACCORDABLES ET UNE COULEUR D'EMISSION REGLABLE  
[72] WANG, HAILIANG, US  
[72] YU, GANG, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-10-22  
[86] 2003-05-27 (PCT/US2003/016853)  
[87] 2003-12-11 (WO2003/103070)  
[30] US (60/384,494) 2002-05-31

## PCT Applications Entering the National Phase

---

[21] 2,483,651

[13] A1

[51] Int.Cl. 7C08F 265/04 7C09D 11/00  
7C09D 151/00 7C08F 291/00 7C08L 51/00  
7C08F 290/06  
[25] EN  
[54] GRAFT COPOLYMER WITH A URETHANE/UREA GROUP AS A PIGMENT DISPERSANT  
[54] COPOLYMERE GREFFE COMPORTANT UN GROUPE URETHANE/UREE EN TANT QUE DISPERSANT DE PIGMENT  
[72] MA, SHEAU-HWA, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-10-22  
[86] 2003-06-03 (PCT/US2003/017256)  
[87] 2003-12-11 (WO2003/102891)  
[30] US (10/162,186) 2002-06-03

---

[21] 2,483,679

[13] A1

[51] Int.Cl. 7B65H 5/24  
[25] EN  
[54] METHOD AND APPARATUS FOR OVERLAPPING SHEETS IN A SHEET FEEDER AND PROVIDING THE OVERLAPPED SHEETS TO A PRINTING PRESS  
[54] PROCEDE ET APPAREIL PERMETTANT DE SUPERPOSER DES FEUILLES DANS UN MARGEUR ET DE PRESENTER LES FEUILLES SUPERPOSEES A UNE PRESSE A IMPRIMER  
[72] SPELLER, MICHAEL, CA  
[71] MAGNUM MANUFACTURING LIMITED, CA  
[85] 2004-10-26  
[86] 2003-03-20 (PCT/CA2003/000398)  
[87] 2003-10-02 (WO2003/080490)  
[30] US (60/366,251) 2002-03-22

---

[21] 2,483,680

[13] A1

[51] Int.Cl. 7A01G 9/02 7A01G 31/02  
7A01G 31/06  
[25] EN  
[54] PLANT GROWTH UNIT  
[54] UNITE DE CROISSANCE DE VEGETAUX  
[72] WARE, LARRY AUSTEN, CA  
[71] WARE, LARRY AUSTEN, CA  
[85] 2004-10-25  
[86] 2003-04-30 (PCT/CA2003/000644)  
[87] 2003-11-13 (WO2003/092355)  
[30] US (10/063,506) 2002-05-01

---

[21] 2,483,681

[13] A1

[51] Int.Cl. 7A01K 63/02 7B63B 35/26  
[25] EN  
[54] SLIDING BULKHEAD FOR SORTING OF LIVE FISH  
[54] CLOISON COUILLASANTE PERMETTANT DE TRIER DES POISSONS VIVANTS  
[72] BJORSHOL, NILS H., NO  
[71] SINTEF FISKERI OG HAVBRUK AS, NO  
[85] 2004-11-01  
[86] 2003-04-30 (PCT/NO2003/000140)  
[87] 2003-11-13 (WO2003/092369)  
[30] NO (20022116) 2002-05-02

---

[21] 2,483,683

[13] A1

[51] Int.Cl. 7A01N 63/00 7C12N 5/00  
7A61K 35/12 7A61K 35/37  
[25] EN  
[54] VASCULARIZATION ENHANCED GRAFT CONSTRUCTS  
[54] CONSTRUCTIONS DE GREFFE AMELIOREES DE VASCULARISATION  
[72] BADYLAK, STEPHEN FRANCIS, US  
[71] PURDUE RESEARCH FOUNDATION, US  
[85] 2004-11-01  
[86] 2003-05-01 (PCT/US2003/013657)  
[87] 2003-11-13 (WO2003/092381)  
[30] US (60/377,573) 2002-05-02

---

[21] 2,483,698

[13] A1

[51] Int.Cl. 7C12N 15/19 7C12P 21/02  
7C07K 16/24 7C07K 14/52 7G01N 33/53  
[25] EN  
[54] CYTOKINE POLYPEPTIDES  
[54] POLYPEPTIDES CYTOKINES  
[72] MOSLEY, BRUCE A., US  
[72] BAUM, PETER R., US  
[71] IMMUNEX CORPORATION, US  
[85] 2004-10-27  
[86] 2003-05-06 (PCT/US2003/014200)  
[87] 2003-11-20 (WO2003/095614)  
[30] US (60/378,533) 2002-05-07

---

[21] 2,483,699

[13] A1

[51] Int.Cl. 7A43B 13/20 7A43B 13/18  
[25] EN  
[54] FOOTWEAR SOLE COMPONENT WITH A SINGLE SEALED CHAMBER  
[54] SEMELLE DE CHAUSSURE DOTEE D'UNE SEULE CAVITE ETANCHE  
[72] SWIGART, JOHN F., US  
[71] NIKE INTERNATIONAL LTD., US  
[85] 2004-11-01  
[86] 2003-05-08 (PCT/US2003/014399)  
[87] 2003-11-20 (WO2003/094645)  
[30] US (10/143,745) 2002-05-09

---

[21] 2,483,709

[13] A1

[51] Int.Cl. 7E04B 1/82 7D04H 5/06  
7D04H 3/14 7D04H 3/16 7G10K 11/16  
7G10K 11/162 7D04H 1/54  
[25] EN  
[54] GRADIENT DENSITY PADDING MATERIAL AND METHOD OF MAKING SAME  
[54] MATERIAU DE REMPLISSAGE A GRADIENT DE DENSITE ET SON PROCEDE DE FABRICATION  
[72] BORCHARDT, STEVEN, US  
[72] GOMEZ, DURWARD, US  
[71] LYDALL, INC., US  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/US2003/012173)  
[87] 2003-10-30 (WO2003/089731)  
[30] US (60/374,140) 2002-04-22

---

[21] 2,483,710

[13] A1

[51] Int.Cl. 7G01C 19/56  
[25] EN  
[54] MEMS GYROSCOPE WITH PARAMETRIC GAIN  
[54] GYROSCOPE MEMS A GAIN PARAMETRIQUE  
[72] JOHNSON, BURGESS R., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-10-22  
[86] 2003-04-23 (PCT/US2003/012529)  
[87] 2004-05-06 (WO2004/038330)  
[30] US (10/132,056) 2002-04-25

## Demandes PCT entrant en phase nationale

---

**[21] 2,483,711**  
[13] A1

[51] Int.Cl. 7G01C 19/56 7G01P 3/14  
[25] EN  
[54] INCREASING THE DYNAMIC RANGE OF A MEMS GYROSCOPE  
[54] AUGMENTATION DE LA GAMME DYNAMIQUE D'UN GYROSCOPE MEMS  
[72] PLATT, WILLIAM P., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/US2003/012570)  
[87] 2003-12-31 (WO2004/001335)  
[30] US (10/128,071) 2002-04-23

---

**[21] 2,483,723**  
[13] A1

[51] Int.Cl. 7C11D 17/08  
[25] EN  
[54] A MULTI COMPONENT CONTROLLED DELIVERY SYSTEM FOR SOAP BARS  
[54] SYSTEME DE LIBERATION CONTROLEE D'UN MULTICOMPOSANT POUR PAINS DE SAVON  
[72] SHEFER, SAMUEL DAVID, US  
[72] SHEFER, ADI, US  
[71] SALVONA, L.L.C., US  
[85] 2004-10-22  
[86] 2003-08-21 (PCT/US2003/027449)  
[87] 2004-05-21 (WO2004/041991)  
[30] US (10/286,143) 2002-11-01

---

**[21] 2,483,733**  
[13] A1

[51] Int.Cl. 7B32B 27/08 7B29D 7/01  
7B32B 3/28 7B65D 65/40  
[25] EN  
[54] BLISTER PACKAGE  
[54] EMBALLAGE BLISTER  
[72] LUCIANO, SANDRA E., US  
[72] BLUM, JOHN B., US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/US2003/012620)  
[87] 2003-11-06 (WO2003/091019)  
[30] US (60/375,389) 2002-04-25  
[30] US (10/241,095) 2002-09-11

---

**[21] 2,483,741**  
[13] A1

[51] Int.Cl. 7B65D 5/00  
[25] EN  
[54] PIZZA BOX APPARATUS  
[54] APPAREIL DE BOITES A PIZZA  
[72] MANNINEN, MICHAEL W., US  
[71] MANNINEN, MICHAEL W., US  
[85] 2004-10-25  
[86] 2003-04-23 (PCT/US2003/012840)  
[87] 2003-11-06 (WO2003/091120)  
[30] US (60/374,687) 2002-04-24  
[30] US (10/420,459) 2003-04-22

---

**[21] 2,483,744**  
[13] A1

[51] Int.Cl. 7G02B 27/12  
[25] EN  
[54] MULTIPLE IMAGING SYSTEM AND METHOD FOR DESIGNING SAME  
[54] SYSTEME D'IMAGERIE MULTIPLE ET SON PROCEDE DE CONCEPTION  
[72] TOCCI, NORA C., US  
[72] TOCCI, MICHAEL D., US  
[72] MOORADIAN, GREGORY C., US  
[71] SCIENCE & ENGINEERING ASSOCIATES, INC., US  
[85] 2004-10-25  
[86] 2003-03-13 (PCT/US2003/007865)  
[87] 2003-09-25 (WO2003/079093)  
[30] US (60/363,997) 2002-03-14

---

**[21] 2,483,750**  
[13] A1

[51] Int.Cl. 7A61K 7/46 7A61K 38/08  
7A61K 7/48  
[25] EN  
[54] BIOLOGICALLY ACTIVE COMPOUNDS FOR THE MODIFICATION OF BODILY ODOURS  
[54] COMPOSES BIOACTIFS DESTINES A LA MODIFICATION DES ODEURS CORPORELLES  
[72] MILINSKI, MANFRED, DE  
[72] BOEHM, THOMAS, DE  
[71] MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V. - GENERAL VER-WALTUNG, DE  
[85] 2004-10-26  
[86] 2003-04-25 (PCT/EP2003/004325)  
[87] 2003-11-06 (WO2003/090705)  
[30] EP (02009588.1) 2002-04-26

---

**[21] 2,483,752**  
[13] A1

[51] Int.Cl. 7A61K 31/4375 7C07D 471/04  
[25] EN  
[54] TETRAHYDROPYRANYL CYCLOPENTYL TETRAHYDROPYRIDOPYRIDINE MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY  
[54] MODULATEURS TETRAHYDROPYRANYL CYCLOPENTYL TETRAHYDROPYRIDOPYRIDINE DE L'ACTIVITE DES RECEPTEURS DE CHIMIOKINE  
[72] BUTORA, GABOR, US  
[72] KOTHANDARAMAN, SHANKARAN, US  
[72] MORRIELLO, GREGORI, US  
[72] JIAO, RICHARD, US  
[72] GUIADEEN, DEODIALSINGH, US  
[72] MOYES, CHRISTOPHER, GB  
[72] TANG, CHENG, US  
[72] MILLS, SANDER G., US  
[72] PASTERNAK, ALEXANDER, US  
[72] ZHOU, CHANGYOU, US  
[72] GOBLE, STEPHEN D., US  
[72] YANG, LIHU, US  
[71] MERCK & CO., INC., US  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/US2003/012929)  
[87] 2003-11-13 (WO2003/092586)  
[30] US (60/376,180) 2002-04-29

---

**[21] 2,483,753**  
[13] A1

[51] Int.Cl. 7H05H 1/24  
[25] EN  
[54] A PLASMA FORMED IN A FLUID  
[54] FORMATION DE PLASMA DANS UN FLUIDE  
[72] CHANG, CHAK MAN THOMAS, AU  
[71] CHANG, CHAK MAN THOMAS, AU  
[85] 2004-10-27  
[86] 2003-05-08 (PCT/AU2003/000549)  
[87] 2003-11-20 (WO2003/096767)  
[30] AU (PS 2203) 2002-05-08

## PCT Applications Entering the National Phase

---

[21] 2,483,754  
[13] A1

[51] Int.Cl. 7F16L 25/04 7F16L 19/02  
[25] EN  
[54] PIPE COUPLING  
[54] RACCORD DE TUYAUX  
[72] GELLIE, RICHARD I., AU  
[72] MCMAHON, JOHN E., AU  
[71] TYCO WATER PTY LIMITED, AU  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/AU2003/000492)  
[87] 2003-11-13 (WO2003/093717)  
[30] AU (PS 2078) 2002-05-02

---

[21] 2,483,763  
[13] A1

[51] Int.Cl. 7A61B 5/107 7A61B 19/00  
7G09B 23/28  
[25] EN  
[54] ENTRY PORT FOR ENDOSCOPES AND LAPAROSCOPES  
[54] LUMIERE D'ENTREE POUR ENDOSCOPES ET LAPAROSCOPES  
[72] SONNENSCHEIN, ELAZAR, IL  
[72] SONNENSCHEIN, MINELU, IL  
[71] MEDIGUS LTD., IL  
[85] 2004-10-28  
[86] 2003-04-25 (PCT/IL2003/000337)  
[87] 2003-11-13 (WO2003/092498)  
[30] IL (149463) 2002-05-02

---

[21] 2,483,764  
[13] A1

[51] Int.Cl. 7A61K 33/36 7A61P 37/00  
[25] FR  
[54] THERAPIE PAR L'ARSENIC DU STYNDROME AUTOIMMUNLYMPHOPROLIFERATIF DE TYPE APLS CHEZ LA SOURIS COMME CHEZ L'HOMME  
[54] ARSENIC THERAPY FOR APLS-TYPE AUTOIMMUNE LYMPHOPROLIFERATIVE SYNDROME IN MICE AND HUMANS  
[72] CHELBI ALIX, KMAR, FR  
[72] BOBE, PEDRO, FR  
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR  
[85] 2004-10-26  
[86] 2003-04-25 (PCT/FR2003/001314)  
[87] 2003-11-06 (WO2003/090766)  
[30] FR (02/05276) 2002-04-26

---

[21] 2,483,765  
[13] A1

[51] Int.Cl. 7A61B 17/12  
[25] EN  
[54] LIGATION TREATING APPARATUS  
[54] APPAREIL DE TRAITEMENT PAR LIGATURE  
[72] SUZUKI, HIROHITO, JP  
[71] KABUSHIKI KAISHA TOP, JP  
[85] 2004-10-27  
[86] 2003-08-05 (PCT/JP2003/009919)  
[87] 2004-03-04 (WO2004/017840)  
[30] JP (2002-244577) 2002-08-26

---

[21] 2,483,767  
[13] A1

[51] Int.Cl. 7C08J 5/18 7C08L 23/16  
7C08L 23/22  
[25] EN  
[54] COLD SEAL RELEASE FILM WITH IMPROVED SCUFF RESISTANCE  
[54] FILM ANTIADHERENT DE SOUDURE PAR PRESSION A FROID A RESISTANCE AUX ERAFLURES  
[72] LONGMOORE, KENNETH J., US  
[71] APPLIED EXTRUSION TECHNOLOGIES, INC., US  
[85] 2004-10-28  
[86] 2003-03-19 (PCT/US2003/008065)  
[87] 2003-11-20 (WO2003/095534)  
[30] US (10/141,258) 2002-05-08

---

[21] 2,483,768  
[13] A1

[51] Int.Cl. 7B21D 39/02  
[25] EN  
[54] METHOD FOR HEMMING  
[54] PROCEDE SERVANT A RABATTRE UN BORD  
[72] BAULIER, DOMINIQUE, FR  
[71] VALIANT CORPORATION, CA  
[85] 2004-10-26  
[86] 2003-04-24 (PCT/IB2003/001548)  
[87] 2003-11-06 (WO2003/090949)  
[30] US (10/133,950) 2002-04-26

---

[21] 2,483,769  
[13] A1

[51] Int.Cl. 7C12P 19/60 7A01H 5/00  
7C12P 17/06 7C12N 15/29 7C12N 15/82  
[25] EN  
[54] IDENTIFICATION AND CHARACTERIZATION OF AN ANTHOCYANIN MUTANT (ANT1) IN TOMATO  
[54] IDENTIFICATION ET CARACTERISATION D'UN MUTANT DE L'ANTHOCYANINE (ANT1) DANS LA TOMATE  
[72] MATHEWS, HELENA V., US  
[72] CONNORS, KARIN A., US  
[72] LIU, XING LIANG, US  
[72] CALDWELL, COLBY G., US  
[71] EXELIXIS PLANT SCIENCES, INC., US  
[85] 2004-10-27  
[86] 2003-04-04 (PCT/US2003/010369)  
[87] 2003-10-16 (WO2003/084312)  
[30] US (60/369,906) 2002-04-04  
[30] US (60/369,998) 2002-04-04

---

[21] 2,483,771  
[13] A1

[51] Int.Cl. 7A61K 31/44 7C07D 401/00  
7C07D 263/04 7C07D 277/04 7A61K 31/42  
7A61K 31/425  
[25] EN  
[54] ARYL-LINK-ARYL SUBSTITUTED THIAZOLIDINE-DIONE AND OXAZOLIDINE-DIONE AS SODIUM CHANNEL BLOCKERS  
[54] THIAZOLIDINE-DIONE ET OXAZOLIDINE-DIONE A SUBSTITUTION ARYLE-LIAISON-ARYLE UTILES EN TANT QUE BLOQUEURS DES CANAUX SODIQUES  
[72] CHAKRAVARTY, PRASUN K., US  
[72] AYER, MICHELLE B., US  
[72] KUO, HOWARD C. H., US  
[72] TYAGARAJAN, SRIRAM, US  
[72] PARSONS, WILLIAM H., US  
[72] MEINKE, PETER T., US  
[71] MERCK & CO., INC., US  
[85] 2004-10-27  
[86] 2003-04-25 (PCT/US2003/012910)  
[87] 2004-03-25 (WO2004/024061)  
[30] US (60/376,816) 2002-04-30

## Demandes PCT entrant en phase nationale

---

[21] **2,483,773**  
[13] A1

[51] Int.Cl. 7B32B 3/30 7A61F 13/15  
**7E04B 1/94**  
[25] EN  
[54] FLUID TRANSPORT ASSEMBLIES WITH FLAME RETARDANT PROPERTIES  
[54] ENSEMBLES DE TRANSPORT DE FLUIDE PRESENTANT DES PROPRIETES IGNIFUGEANTES  
[72] MORTENSON, SARA B., US  
[72] CASTIGLIONE, STEPHANIE B., US  
[72] JOHNSTON, RAYMOND P., US  
[72] PEREYRA, RODGER J., US  
[72] KOBE, JAMES J., US  
[72] NARUM, TIMOTHY N., US  
[72] ZHOU, ZHIMING, US  
[72] TOMPKINS, THOMAS L., US  
[71] 3M INNOVATIVE PROPERTIES COMPANY, US  
[85] 2004-10-26  
[86] 2003-03-25 (PCT/US2003/009309)  
[87] 2003-11-27 (WO2003/097344)  
[30] US (10/147,104) 2002-05-13

---

[21] **2,483,774**  
[13] A1

[51] Int.Cl. 7A61K 31/343 7A61K 31/724  
[25] EN  
[54] FORMULATIONS CONTAINING AMIODARONE AND SULFOALKYL ETHER CYCLODEXTRIN  
[54] PREPARATIONS CONTENANT DE L'AMIODARONE ET UN SULFOALKYLETHER DE CYCLODEXTRINE  
[72] MOSHER, GEROLD L., US  
[72] GAYED, ATEF A., US  
[72] JOHNSON, KAREN T., US  
[71] CYDEX, INC., US  
[85] 2004-10-28  
[86] 2003-04-29 (PCT/US2003/013250)  
[87] 2003-11-13 (WO2003/092590)  
[30] US (10/139,620) 2002-05-04

---

[21] **2,483,775**  
[13] A1

[51] Int.Cl. 7C07C 309/66 7C07F 9/32  
[25] EN  
[54] PROCESS FOR SYNTHESIZING PHARMACEUTICALLY ACTIVE DISULFIDE SALTS  
[54] PROCEDE DE SYNTHESE DE SELS DE DISULFURE ACTIFS PHARMACEUTIQUEMENT  
[72] KOCHAT, HARRY, US  
[71] BIONUMERIK PHARMACEUTICALS, INC., US  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/US2003/013178)  
[87] 2003-11-13 (WO2003/093226)  
[30] US (10/135,756) 2002-04-30

---

[21] **2,483,779**  
[13] A1

[51] Int.Cl. 7A61N 1/37 7A61B 5/0408  
**7A61N 1/05**  
[25] EN  
[54] METHOD AND APPARATUS FOR SELECTING AN OPTIMAL ELECTRODE CONFIGURATION  
[54] PROCEDE ET DISPOSITIF DE SELECTION D'UNE CONFIGURATION D'ELECTRODES OPTIMALE  
[72] SOMMER, JOHN L., US  
[72] CHO, YONG KYUN, US  
[72] MCCLURE, LAWRENCE C., US  
[71] MEDTRONIC, INC., US  
[85] 2004-10-26  
[86] 2003-04-04 (PCT/US2003/010437)  
[87] 2003-11-13 (WO2003/092807)  
[30] US (10/137,248) 2002-04-30

---

[21] **2,483,776**  
[13] A1

[51] Int.Cl. 7B62M 1/02 7B62M 3/00  
[25] EN  
[54] CRANK WITH FREEWHEEL  
[54] MANIVELLE A ROUE LIBRE  
[72] WALTHER, MANFRED, CH  
[72] TANNER, URS, CH  
[71] TANNER, URS, CH  
[85] 2004-10-26  
[86] 2003-05-30 (PCT/CH2003/000340)  
[87] 2003-12-11 (WO2003/101815)  
[30] CH (0926/02) 2002-06-03  
[30] CH (2017/02) 2002-11-29

---

[21] **2,483,778**  
[13] A1

[51] Int.Cl. 7A61L 27/44 7A61L 27/22  
**7A61F 2/28 7A61B 17/68**  
[25] EN  
[54] BIOMATRIX STRUCTURAL CONTAINMENT AND FIXATION SYSTEMS AND METHODS OF USE THEREOF  
[54] SYSTEMES DE FIXATION ET DE CONFINEMENT STRUCTURELS DE MATRICES BIOLOGIQUES ET PROCEDES D'UTILISATION DE CEUX-CI  
[72] BERG, ERIC P., US  
[72] MASTERS, DAVID B., US  
[71] GEL-DEL TECHNOLOGIES, INC., US  
[85] 2004-10-28  
[86] 2003-04-29 (PCT/US2003/013273)  
[87] 2003-11-13 (WO2003/092468)  
[30] US (60/376,136) 2002-04-29

---

[21] **2,483,780**  
[13] A1

[51] Int.Cl. 7C23C 16/26 7C23C 14/06  
**7B01J 19/08**  
[25] EN  
[54] DIAMOND SYNTHESIS  
[54] SYNTHESE DE DIAMANT  
[72] MILLS, RANDELL L., US  
[71] BLACKLIGHT POWER, INC., US  
[85] 2004-10-28  
[86] 2003-04-30 (PCT/US2003/013412)  
[87] 2003-11-13 (WO2003/093173)  
[30] US (60/376,546) 2002-05-01  
[30] US (60/390,439) 2002-06-24  
[30] US (60/399,739) 2002-08-01  
[30] US (60/462,705) 2003-04-15

---

[21] **2,483,781**  
[13] A1

[51] Int.Cl. 7C08K 5/098 7C08K 5/34  
[25] EN  
[54] STABILIZED ARTICLES  
[54] ARTICLES STABILISES  
[72] BANORA, MICHELA, IT  
[71] CIBA SPECIALTY CHEMICAL HOLDING INC., CH  
[85] 2004-10-26  
[86] 2003-05-22 (PCT/EP2003/005373)  
[87] 2003-12-11 (WO2003/102068)  
[30] EP (02405435.5) 2002-05-30

## PCT Applications Entering the National Phase

---

**[21] 2,483,783**

[13] A1

[51] Int.Cl. 7B22D 5/02 7B22D 37/00

7B22D 39/04

[25] EN

[54] METHOD AND DEVICE FOR THE WEIGHT-CONTROLLED FILLING OF INGOT MOLDS IN NONFERROUS CASTING MACHINES

[54] PROCEDE ET DISPOSITIF DE REMPLISSAGE DE LINGOTIERES AVEC UN POIDS PRECIS DANS DES MACHINES DE COULEE POUR METAUX NON FERREUX

[72] WILMES, RONALD, DE

[72] WILLEMS, ERICH, DE

[72] LEUWER, HEINZ-JOSEF, DE

[72] ZAJBER, ADOLF-GUSTAV, DE

[71] SMS DEMAG

AKTIENGESELLSCHAFT, DE

[85] 2004-10-26

[86] 2003-03-12 (PCT/EP2003/002522)

[87] 2003-11-13 (WO2003/092928)

[30] DE (102 18 958.7) 2002-04-27

---

**[21] 2,483,784**

[13] A1

[51] Int.Cl. 7B22D 11/055

[25] EN

[54] ADJUSTMENT OF HEAT TRANSFER IN CONTINUOUS CASTING MOLDS, ESPECIALLY IN THE MENISCUS REGION

[54] ADAPTATION DU TRANSFERT DE CHALEUR SUR DES LINGOTIERES POUR COULEE CONTINUE, EN PARTICULIER AU NIVEAU DE LA SURFACE DU BAIN

[72] MANGLER, DIRK, DE

[72] PLOCIENNIK, UWE, DE

[72] REIFFERSCHEID, MARKUS, DE

[71] SMS DEMAG

AKTIENGESELLSCHAFT, DE

[85] 2004-10-26

[86] 2003-03-08 (PCT/EP2003/002384)

[87] 2003-11-13 (WO2003/092931)

[30] DE (102 18 956.0) 2002-04-27

[30] DE (102 53 735.6) 2002-11-19

---

**[21] 2,483,786**

[13] A1

[51] Int.Cl. 7C07D 233/76 7A61K 31/4164  
7A61K 31/4166 7C07D 233/72 7C07D 233/

78

[25] EN

[54] PREPARATIONS FOR THE TOPICAL APPLICATION OF ANTI-ANDROGENICALLY ACTIVE SUBSTANCES

[54] PREPARATIONS POUR L'APPLICATION TOPIQUE DE SUBSTANCES ANTIANDROGENES

[72] SCHAEFER-KORTING, MONIKA, DE

[72] MUENSTER, UWE, DE

[72] POOTH, RAINER, DE

[72] MEHNERT, WOLFGANG, DE

[72] KRAEMER, KARL THEODOR, DE

[72] NIETSCH, KARL-HEINZ, DE

[71] AVENTIS PHARMA DEUTSCHLAND

GMBH, DE

[85] 2004-10-26

[86] 2003-04-14 (PCT/EP2003/003837)

[87] 2003-11-13 (WO2003/093243)

[30] DE (102 18 963.3) 2002-04-27

---

**[21] 2,483,788**

[13] A1

[51] Int.Cl. 7G06K 19/077

[25] EN

[54] COIL ARRANGEMENT FOR RADIO-FREQUENCY IDENTIFICATION DEVICES, PROCESS AND APPARATUS FOR MAKING SAID ARRANGEMENT

[54] BOBINE POUR DISPOSITIFS D'IDENTIFICATION PAR FREQUENCE RADIO, ET PROCEDE ET APPAREIL DE FABRICATION DE LADITE BOBINE

[72] BUSSIÈRE, CHRISTIAN, CA

[72] SCHIELI, NICOLAS, CA

[71] QUELIS ID SYSTEMS INC., CA

[85] 2004-10-25

[86] 2003-04-29 (PCT/CA2003/000626)

[87] 2003-11-13 (WO2003/094106)

[30] CA (2,384,207) 2002-04-29

[30] US (60/407,950) 2002-09-05

---

**[21] 2,483,789**

[13] A1

[51] Int.Cl. 7A61B 18/04

[25] EN

[54] POWER SUPPLY FOR IDENTIFICATION AND CONTROL OF ELECTRICAL SURGICAL TOOLS

[54] ALIMENTATION ELECTRIQUE PERMETTANT DE RECONNAITRE DES INSTRUMENTS ELECTRIQUES A USAGE CHIRURGICAL ET DE LES COMMANDER

[72] HOWELL, THOMAS A., US

[71] STARION INSTRUMENTS CORPORATION, US

[85] 2004-10-26

[86] 2003-03-13 (PCT/US2003/008183)

[87] 2003-09-25 (WO2003/079525)

[30] US (10/099,500) 2002-03-13

## Demandes PCT entrant en phase nationale

---

[21] 2,483,790  
[13] A1

[51] Int.Cl. 7G10L 21/02 7G10L 19/14  
[25] EN  
[54] METHODE AND DEVICE FOR PITCH ENHANCEMENT OF DECODED SPEECH  
[54] PROCEDE ET DISPOSITIF D'AMELIORATION DE LA HAUTEUR TONALE SELECTIVE EN FREQUENCE DE VOIX SYNTHETISEE  
[72] JELINEK, MILAN, CA  
[72] LEFEBVRE, ROCH, CA  
[72] BESETTE, BRUNO, CA  
[72] LAFLAMME, CLAUDE, CA  
[71] VOICEAGE CORPORATION, CA  
[85] 2004-10-22  
[86] 2003-05-30 (PCT/CA2003/000828)  
[87] 2003-12-11 (WO2003/102923)  
[30] CA (2,388,352) 2002-05-31

[21] 2,483,791  
[13] A1

[51] Int.Cl. 7G10L 19/00  
[25] EN  
[54] METHOD AND DEVICE FOR EFFICIENT FRAME ERASURE CONCEALMENT IN LINEAR PREDICTIVE BASED SPEECH CODECS  
[54] PROCEDE ET DISPOSITIF DE MASQUAGE EFFICACE D'EFFACEMENT DE TRAMES DANS DES CODEC VOCaux DE TYPE LINEAIRE PREDICTIF  
[72] GOURNAY, PHILIPPE, CA  
[72] JELINEK, MILAN, CA  
[71] VOICEAGE CORPORATION, CA  
[85] 2004-10-22  
[86] 2003-05-30 (PCT/CA2003/000830)  
[87] 2003-12-11 (WO2003/102921)  
[30] CA (2,388,439) 2002-05-31

[21] 2,483,792  
[13] A1

[51] Int.Cl. 7A61B 17/12  
[25] EN  
[54] FOLDABLE VASO-OCCLUSIVE MEMBER  
[54] ELEMENTS PLIABLES D'OCLUSION VASCULAIRE  
[72] GERBERDING, BRENT, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-10-26  
[86] 2003-05-13 (PCT/US2003/015125)  
[87] 2003-12-04 (WO2003/099142)  
[30] US (10/152,441) 2002-05-20

[21] 2,483,793  
[13] A1

[51] Int.Cl. 7A63C 17/18 7A43B 5/16  
7A63C 1/20 7A43B 3/24  
[25] EN  
[54] LOCKING DEVICE FOR A DETACHABLE SKATE OF SPORTS SHOE  
[54] DISPOSITIF DE VERROUILLAGE DESTINE A UN CHASSIS DE PATIN AMOVIBLE DE CHAUSSURE DE GYMNASTIQUE  
[72] CHIU, HONGYOUNG, CN  
[72] CHANG, CHUNCHENG, CN  
[72] WANG, CHENWEN, CN  
[71] CHANG, CHUNCHENG, CN  
[85] 2004-10-22  
[86] 2003-05-09 (PCT/CN2003/000338)  
[87] 2003-11-20 (WO2003/095043)  
[30] US (10/142,782) 2002-05-13

[21] 2,483,794  
[13] A1

[51] Int.Cl. 7B42D 15/00 7B42D 15/10  
[25] EN  
[54] STRIP-SHAPED SAFEGUARDING ELEMENT  
[54] ELEMENT DE SECURITE EN FORME DE BANDE  
[72] REINHART, WERNER, DE  
[71] LEONHARD KURZ GMBH & CO. KG, DE  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/DE2003/001344)  
[87] 2003-11-27 (WO2003/097378)  
[30] DE (102 22 433.1) 2002-05-22

[21] 2,483,795  
[13] A1

[51] Int.Cl. 7G05B 19/02  
[25] EN  
[54] SYSTEM AND METHOD FOR AUTOMATICALLY SETTING UP A UNIVERSAL REMOTE CONTROL  
[54] SYSTEME ET PROCEDE PERMETTANT DE REGLER AUTOMATIQUEMENT UNE TELECOMMANDE UNIVERSELLE  
[72] HAYES, PATRICK H., US  
[71] UNIVERSAL ELECTRONICS INC., US  
[85] 2004-10-26  
[86] 2003-05-16 (PCT/US2003/015454)  
[87] 2003-12-04 (WO2003/100534)  
[30] US (10/151,635) 2002-05-20  
[30] US (10/386,792) 2003-03-12

[21] 2,483,806  
[13] A1

[51] Int.Cl. 7A61K 31/451 7A61P 3/04  
7C07D 401/06 7C07D 211/26 7A61K 31/454  
[25] EN  
[54] N-ACYL PIPERIDINE DERIVATIVES FOR USE AS MELANOCORTIN RECEPTOR LIGANDS IN THE TREATMENT OF FEEDING DISORDERS  
[54] DERIVES DE N-ACYLE PIPERIDINE UTILISES COMME LIGANDS DU RECEPTEUR DE LA MELANOCORTINE DANS LE TRAITEMENT DE TROUBLES DE L'ALIMENTATION  
[72] MUMIN, RASHID NAEEM, US  
[72] EBETINO, FRANK HALLOCK, US  
[72] LIU, XUEWEI, US  
[72] SOLINSKY, MARK GREGORY, US  
[72] WOS, JOHN AUGUST, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-26  
[86] 2003-04-16 (PCT/US2003/011537)  
[87] 2003-11-13 (WO2003/092690)  
[30] US (60/376,727) 2002-04-30

[21] 2,483,810  
[13] A1

[51] Int.Cl. 7B23Q 5/26  
[25] EN  
[54] CONCENTRIC PNEUMATIC/HYDRAULIC POWER FEED APPARATUS  
[54] DISPOSITIF D'ALIMENTATION EN ENERGIE HYDRAULIQUE/PNEUMATIQUE  
[72] STEPAN, MICHAEL M., US  
[72] GAGE, ROGER A., US  
[71] THE BOEING COMPANY, US  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/US2003/013016)  
[87] 2003-11-13 (WO2003/092954)  
[30] US (10/136,812) 2002-05-01

## PCT Applications Entering the National Phase

---

[21] 2,483,816  
[13] A1

[51] Int.Cl. 7A01N 43/50 7C07D 401/06  
7C07D 401/12 7C07D 401/14 7A01N 43/36  
7A01N 43/54 7A01N 43/56 7A01N 43/653  
7A01N 43/713 7A01N 43/76 7A01N 43/78  
7A01N 43/80  
[25] EN  
**SUBSTITUTED PYRIDYL KETONES**  
**KETONES DE PYRIDYLE SUBSTITUES**  
[54] KETONES DE PYRIDYLE SUBSTITUES  
[72] DREWES, MARK WILHELM, DE  
[72] MUELLER, KLAUS-HELMUT, DE  
[72] KATHER, KRISTIAN, DE  
[72] HOISCHEN, DOROTHEE, DE  
[72] SCHWARZ, HANS-GEORG, DE  
[72] FEUCHT, DIETER, DE  
[72] PONTZEN, ROLF, DE  
[72] DAHMEN, PETER, DE  
[71] BAYER CROPSCIENCE AKTIENGESELLSCHAFT, DE  
[85] 2004-10-26  
[86] 2003-04-16 (PCT/EP2003/003948)  
[87] 2003-11-13 (WO2003/092380)  
[30] DE (102 19 036.4) 2002-04-29

[21] 2,483,817  
[13] A1

[51] Int.Cl. 7C07C 65/36 7A61K 7/00  
7A61P 17/00 7A61P 19/00 7C07C 335/06  
7C07D 405/06 7C07C 65/17 7C07C 65/19  
7A61K 31/19 7C07C 65/26 7C07C 65/28  
7C07C 65/40 7A61K 7/48 7C07D 213/79  
[25] EN  
**NOVEL LIGANDS THAT ARE INHIBITORS OF THE RAR RECEPTORS, PROCESS FOR PREPARING THEM AND USE THEREOF IN HUMAN MEDICINE AND IN COSMETICS**  
**[54] NOUVEAUX LIGANDS ETANT DES INHIBITEURS DE RECEPTEURS RAR, PROCEDE DE FABRICATION ET UTILISATION DE CEUX-CI DANS LA MEDECINE HUMAINE ET EN COSMETIQUE**  
[72] BIADATTI, THIBAUD, FR  
[72] COLLETTE, PASCAL, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, S.N.C., FR  
[85] 2004-10-22  
[86] 2003-05-27 (PCT/EP2003/005554)  
[87] 2003-12-11 (WO2003/101928)  
[30] FR (02/06850) 2002-06-04  
[30] US (60/387,448) 2002-06-11

[21] 2,483,818  
[13] A1

[51] Int.Cl. 7D21F 11/14 7D21F 9/00  
7D21F 1/02 7D21F 3/02 7D21F 5/04  
7B65H 18/26  
[25] EN  
**METHOD FOR THE PRODUCTION OF A WEB OF TISSUE MATERIAL**  
**PROCEDE DE PRODUCTION D'UNE BANDE DE PAPIER**  
[72] THOROE SCHERB, THOMAS, BR  
[71] VOITH PAPER PATENT GMBH, DE  
[85] 2004-10-21  
[86] 2003-03-20 (PCT/EP2003/050074)  
[87] 2003-11-06 (WO2003/091499)  
[30] DE (102 18 509.3) 2002-04-25

[21] 2,483,821  
[13] A1

[51] Int.Cl. 7A47K 3/10 7E02B 3/00  
7E04H 4/14  
[25] EN  
**APPARATUS AND METHOD FOR CONTROLLING WAVE CHARACTERISTICS**  
**[54] APPAREIL ET PROCEDE DE COMMANDE DES CARACTERISTIQUES DES VAGUES**  
[72] BLACK, KERRY PETER, NZ  
[71] SURF POOLS LIMITED, NZ  
[85] 2004-10-25  
[86] 2003-05-02 (PCT/NZ2003/000079)  
[87] 2003-11-13 (WO2003/092460)  
[30] NZ (518731) 2002-05-02

[21] 2,483,822  
[13] A1

[51] Int.Cl. 7D21F 1/00  
[25] EN  
**PAPERMAKER'S FORMING FABRIC**  
**[54] TOILE DE FORMATION POUR PAPETERIE**  
[72] BAUMANN, OLIVER, AT  
[72] BARRATTE, CHRISTINE, FR  
[72] TROUGHTON, BRIAN, GB  
[71] WEAVEXX CORPORATION, US  
[85] 2004-10-26  
[86] 2003-11-10 (PCT/US2003/036249)  
[87] 2004-08-19 (WO2004/070111)  
[30] US (10/354,928) 2003-01-30

[21] 2,483,823  
[13] A1

[51] Int.Cl. 7A61B 17/12  
[25] EN  
**SOLID EMBOLIC MATERIAL WITH VARIABLE EXPANSION**  
**[54] MATERIAU SOLIDE D'EMBOLISATION A EXPANSION VARIABLE**  
[72] MIRIGIAN, GREGORY E., US  
[72] CHIEN, THOMAS YUNG-HUI, US  
[72] CHAN, HUEY QUOC, US  
[72] PORTER, STEPHEN C., US  
[72] EURY, ROBERT P., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-10-27  
[86] 2003-05-05 (PCT/US2003/014217)  
[87] 2003-12-04 (WO2003/099370)  
[30] US (10/155,563) 2002-05-24

[21] 2,483,826  
[13] A1

[51] Int.Cl. 7A61K 31/425 7A61P 35/00  
[25] EN  
**EPOTHILONE DERIVATIVE FOR THE TREATMENT OF HEPATOMA AND OTHER CANCER DISEASES**  
**[54] TRAITEMENT DE L'HEPATOME ET D'AUTRES MALADIES CANCEREUSES**  
[72] ROTHERMEL, JOHN DAVID, US  
[71] NOVARTIS AG, CH  
[85] 2004-10-27  
[86] 2003-04-30 (PCT/EP2003/004581)  
[87] 2003-11-13 (WO2003/092683)  
[30] US (60/377,063) 2002-05-01

[21] 2,483,827  
[13] A1

[51] Int.Cl. 7A61K 9/16 7A61K 9/22  
7A61K 9/32 7A61K 9/34 7A61K 9/36  
7A61K 9/38 7A61K 9/54  
[25] EN  
**PHARMACEUTICAL FORMULATIONS WITH IMPROVED BIOAVAILABILITY**  
**[54] PREPARATIONS PHARMACEUTIQUES AUX CARACTERISTIQUES BIOLOGIQUES DE LIBERATION AMELIOREES**  
[72] FLANNER, HENRY, US  
[72] SHOJAEI, AMIR H., US  
[72] IBRAHIM, SCOTT, US  
[72] BURNSIDE, BETH A., US  
[71] SHIRE LABORATORIES, INC., US  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/US2003/013099)  
[87] 2003-12-31 (WO2004/000280)  
[30] US (60/375,803) 2002-04-29

## Demandes PCT entrant en phase nationale

---

[21] **2,483,829**  
[13] A1

[51] Int.Cl. 7C07D 249/08 7C08G 18/02  
7C07D 231/12 7C07F 9/54 7C07C 211/63  
**7C08G 18/79**  
[25] EN  
[54] **IONIC LIQUIDS**  
[54] **LIQUIDES IONIQUES**  
[72] RICHTER, FRANK, DE  
[72] LAAS, HANS JOSEF, DE  
[72] HALPAAP, REINHARD, DE  
[72] KOECHER, JUERGEN, DE  
[71] BAYER MATERIALSCIENCE AG, DE  
[85] 2004-10-27  
[86] 2003-04-17 (PCT/EP2003/004025)  
[87] 2003-11-13 (WO2003/093246)  
[30] DE (102 19 227.8) 2002-04-30

---

[21] **2,483,830**  
[13] A1

[51] Int.Cl. 7C07C 227/22 7C07C 229/08  
[25] EN  
[54] **PROCESS FOR PREPARING HIGHLY FUNCTIONALIZED Y-BUTYROLACTAMS AND Y-AMINO ACIDS**  
[54] **PROCEDE DE PREPARATION D'ACIDES AMINES DE TYPE Y ET DE Y-BUTYROLACTAMES TRES FONCTIONNALISES**  
[72] ZHANG, JI, US  
[72] BLAZECKA, PETER GARTH, US  
[72] DAVIDSON, JAMES GUY III, US  
[71] WARNER-LAMBERT COMPANY LLC, US  
[85] 2004-10-27  
[86] 2003-04-17 (PCT/IB2003/001646)  
[87] 2003-11-13 (WO2003/093220)  
[30] US (60/376,991) 2002-04-30

---

[21] **2,483,832**  
[13] A1

[51] Int.Cl. 7B01D 15/08 7C07C 6/00  
**7B01D 17/06 7B01D 53/14**  
[25] EN  
[54] **PROCESSING OF CHEMICALS IN FLOW-THROUGH DEVICE WITH POROUS MEDIA**  
[54] **TRAITEMENT DE PRODUITS CHIMIQUES DANS UN DISPOSITIF FONCTIONNANT EN ECOULEMENT CONTINU AVEC UN SUPPORT POREUX**  
[72] HORSMAN, JEFFREY A., US  
[72] MNEIMNE, OMAR, US  
[72] GHASSEMI JAMALABADI SHAHNAZ, US  
[72] HAMMOND, KELVIN, US  
[72] RAHN, PETER C., US  
[71] BIOTAGE, INC., US  
[85] 2004-10-27  
[86] 2003-04-30 (PCT/US2003/013424)  
[87] 2003-11-13 (WO2003/092854)  
[30] US (10/136,131) 2002-05-01  
[30] US (10/321,229) 2002-12-17

---

[21] **2,483,833**  
[13] A1

[51] Int.Cl. 7G08C 19/00 7G08C 23/04  
[25] EN  
[54] **SYSTEM AND METHOD FOR AUTOMATICALLY SETTING UP A UNIVERSAL REMOTE CONTROL**  
[54] **SYSTEME ET PROCEDE PERMETTANT DE REGLER AUTOMATIQUEMENT UNE TELECOMMANDE UNIVERSELLE**  
[72] LILLENESS, ROBERT P., US  
[72] ARLING, PAUL D., US  
[72] HAYES, PATRICK H., US  
[72] CONWAY, JAMES N., JR., US  
[71] UNIVERSAL ELECTRONICS INC., US  
[85] 2004-10-26  
[86] 2003-05-16 (PCT/US2003/015459)  
[87] 2003-12-04 (WO2003/100553)  
[30] US (10/151,635) 2002-05-20

---

[21] **2,483,834**  
[13] A1

[51] Int.Cl. 7A61K 31/56 7C07J 1/00  
[25] EN  
[54] **NORETHINDRONE SUSTAINED RELEASE FORMULATIONS AND METHODS ASSOCIATED THEREWITH**  
[54] **FORMULATIONS DE NORETHINDRONE A LIBERATION PROLONGEE ET METHODES ASSOCIEES**  
[72] ANIGBOGU, ANGELA, US  
[72] QUAN, DANYI, US  
[72] RUIZ, ANNA, US  
[71] WATSON PHARMACEUTICALS, INC., US  
[85] 2004-10-26  
[86] 2003-05-30 (PCT/US2003/016933)  
[87] 2003-12-11 (WO2003/101461)  
[30] US (60/383,790) 2002-05-30

---

[21] **2,483,835**  
[13] A1

[51] Int.Cl. 7C08L 23/06 7C08F 297/08  
[25] EN  
[54] **POLYETHYLENE PIPE RESINS**  
[54] **RESINES POUR TUYAUX EN POLYETHYLENE**  
[72] SIBERDT, FABIAN, BE  
[72] GOLDBERG, ANNE, BE  
[71] SOLVAY POLYOLEFINS EUROPE-BELGIUM (S.A.), BE  
[85] 2004-10-27  
[86] 2003-04-22 (PCT/EP2003/004232)  
[87] 2003-11-13 (WO2003/093363)  
[30] EP (02076729.9) 2002-04-30

## PCT Applications Entering the National Phase

---

**[21] 2,483,836**  
[13] A1

[51] Int.Cl. 7C09B 69/02 7C09D 11/02  
7C09B 67/08 7C09B 67/22  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR IMPARTING IMPROVED RHEOLOGY ON PIGMENT BASED INKS AND PAINTS  
[54] COMPOSITIONS ET PROCEDES VISANT A AMELIORER LES PROPRIETES RHEOLOGIQUES D'ENCRAS ET DE PEINTURES A BASE DE PIGMENT  
[72] COUGHLIN, STEPHEN JOHN, GB  
[72] FRASER, IAIN FRANK, GB  
[72] NIVEN, STUART COOK, GB  
[72] HEALY, THOMAS, GB  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2004-10-27  
[86] 2003-04-24 (PCT/EP2003/004259)  
[87] 2003-11-13 (WO2003/093373)  
[30] EP (02405349.8) 2002-04-29

---

**[21] 2,483,838**  
[13] A1

[51] Int.Cl. 7A61K 47/32  
[25] EN  
[54] CHEMICALLY ACTIVATED CARBOXYPOLYSACCHARIDES AND USES  
[54] CARBOXYPOLYSACCHARIDES ACTIVES CHIMIQUEMENT ET UTILISATIONS  
[72] BERG, RICHARD, US  
[72] LIU, LIN-SHU, US  
[71] FZIOMED, INC., US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013067)  
[87] 2003-11-13 (WO2003/092733)  
[30] US (10/135,133) 2002-04-30

---

**[21] 2,483,839**  
[13] A1

[51] Int.Cl. 7E21B 43/27 7C09K 3/00  
7E21B 43/26  
[25] EN  
[54] THICKENED ACID COMPOSITION AND USES THEREOF  
[54] COMPOSITION ACIDE EPAISSIE ET SES UTILISATIONS  
[72] PREMACHANDRAN, RAMAN SARASAMMA, US  
[72] MOSS, DAVID KELLY, US  
[72] DOBSON, RANDY EZELL, US  
[71] AKZO NOBEL N.V., NL  
[85] 2004-10-27  
[86] 2003-04-18 (PCT/EP2003/004191)  
[87] 2003-11-13 (WO2003/093641)  
[30] US (60/376,295) 2002-04-29  
[30] US (10/157,565) 2002-05-29

---

**[21] 2,483,842**  
[13] A1

[51] Int.Cl. 7C09D 11/02  
[25] EN  
[54] ORGANIC SOLVENT-BASED PRINTING INKS  
[54] ENCRES D'IMPRESSION A BASE DE SOLVANT ORGANIQUE  
[72] WILCOX, JOYCE, GB  
[72] NIVEN, STUART COOK, GB  
[72] FRASER, IAIN FRANK, GB  
[71] CIBA SPECIALTY CHEMICAL HOLDING INC., CH  
[85] 2004-10-27  
[86] 2003-07-17 (PCT/EP2003/007772)  
[87] 2004-02-12 (WO2004/013237)  
[30] EP (02405651.7) 2002-07-26

---

**[21] 2,483,843**  
[13] A1

[51] Int.Cl. 7C07D 217/00 7A61K 31/47  
[25] EN  
[54] TETRAHYDROPYRANYL CYCLOPENTYL TETRAHYDROISOQUINOLINE MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY  
[54] MODULATEURS DE L'ACTIVITE DES RECEPTEURS DES CHIMIOKINES A BASE DE TETRAHYDROPYRANYL CYCLOPENTYL TETRAHYDROISOQUINOLINE  
[72] JIAO, RICHARD, US  
[72] GOBLE, STEPHEN D., US  
[72] ZHOU, CHANGYOU, US  
[72] GUIADEEN, DEODIALSINGH, US  
[72] BUTORA, GABOR, US  
[72] KOTHANDARAMAN, SHANKARAN, US  
[72] MILLS, SANDER G., US  
[72] PASTERNAK, ALEXANDER, US  
[72] MORRIELLO, GREGORI, US  
[72] YANG, LIHU, US  
[72] MOYES, CHRISTOPHER, GB  
[71] MERCK & CO. INC., US  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/US2003/013121)  
[87] 2003-11-13 (WO2003/093231)  
[30] US (60/376,407) 2002-04-29

---

**[21] 2,483,844**  
[13] A1

[51] Int.Cl. 7B23B 29/02  
[25] EN  
[54] DAMPING APPARATUS FOR THE DAMPING OF VIBRATIONS  
[54] APPAREIL AMORTISSEUR POUR AMORTIR DES VIBRATIONS  
[72] DIGERNES, ANDERS, NO  
[71] TEENESS AS, NO  
[85] 2004-10-27  
[86] 2003-04-14 (PCT/NO2003/000124)  
[87] 2003-11-13 (WO2003/093696)  
[30] NO (20022077) 2002-04-30

## Demandes PCT entrant en phase nationale

---

[21] 2,483,846  
[13] A1

[51] Int.Cl. 7A61K 31/566 7A61P 15/00  
7A61P 5/24 7A61K 31/575  
[25] EN  
[54] USE OF CONJUGATED  
ESTROGENS IN COMBINATION WITH  
TRIMEGESTONE IN HORMONE  
REPLACEMENT THERAPY  
[54] UTILISATION D'OESTROGENES  
CONJUGUES EN COMBINAISON AVEC  
DE LA TRIMEGESTONE DANS UNE  
THERAPIE DE REMPLACEMENT  
HORMONAL  
[72] PICKAR, JAMES HARRISON, US  
[71] WYETH, US  
[85] 2004-10-26  
[86] 2003-04-28 (PCT/US2003/013185)  
[87] 2003-11-13 (WO2003/092699)  
[30] US (60/376,177) 2002-04-29

[21] 2,483,847  
[13] A1

[51] Int.Cl. 7G06F 15/16  
[25] EN  
[54] METHOD AND APPARATUS FOR  
PERSISTENT CONNECTIONS TO A  
DEVICE THROUGH THE USE OF  
MULTIPLE PHYSICAL NETWORK  
CONNECTIONS AND CONNECTION  
HAND-OFFS BETWEEN MULTIPLE  
BANDS, MODES AND NETWORKS  
[54] PROCEDE ET APPAREIL POUR  
CONNEXIONS PERSISTANTES A UN  
DISPOSITIF PAR UTILISATION DE  
MULTIPLES CONNEXIONS RESEAU  
PHYSIQUES ET TRANSFERTS DE  
CONNEXION ENTRE MULTIPLES  
BANDES, MODES ET RESEAUX  
[72] TUCKER, MARK, US  
[72] BRUESTLE, JEREMY, US  
[71] COCO COMMUNICATIONS CORP.,  
US  
[85] 2004-10-25  
[86] 2003-04-29 (PCT/US2003/013443)  
[87] 2003-11-13 (WO2003/094017)  
[30] US (60/377,631) 2002-05-03

[21] 2,483,852  
[13] A1

[51] Int.Cl. 7D06M 15/564 7E02B 3/12  
7C08G 18/22 7C08G 18/28  
[25] EN  
[54] METHOD FOR PRODUCING A  
POLYURETHANE/GEOFABRIC  
COMPOSITE  
[54] PROCEDE DE PRODUCTION D'UN  
COMPOSITE DE POLYURETHANE/  
GEOTEXTILE  
[72] MARKUSCH, PETER H., US  
[72] GUETHER, RALF, DE  
[72] PAYNE, LEROY, US  
[71] BAYER MATERIALSCIENCE LLC,  
US  
[71] PAYNE, LEROY, US  
[85] 2004-10-29  
[86] 2003-05-02 (PCT/US2003/014028)  
[87] 2003-11-13 (WO2003/093569)  
[30] US (10/138,995) 2002-05-03

[21] 2,483,855  
[13] A1

[51] Int.Cl. 7A61K 31/56  
[25] EN  
[54] METHODS FOR INCREASING THE  
THERAPEUTIC RESPONSE TO  
ELECTROCONVULSIVE THERAPY  
("ECT")  
[54] METHODES VISANT A  
AUGMENTER LA REPONSE  
THERAPEUTIQUE A UN TRAITEMENT  
DE CHOC ("ECT")  
[72] SCHATZBERG, ALAN F., US  
[72] BELANOFF, JOSEPH K., US  
[71] CORCEPT THERAPEUTICS, INC., US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013498)  
[87] 2003-11-13 (WO2003/092790)  
[30] US (60/376,814) 2002-04-29  
[30] US (10/411,503) 2003-04-08

[21] 2,483,854  
[13] A1

[51] Int.Cl. 7A61N 1/365  
[25] EN  
[54] METHOD AND APPARATUS FOR  
RATE RESPONSIVE ADJUSTMENTS IN  
AN IMPLANTABLE MEDICAL DEVICE  
[54] PROCEDE ET APPAREIL  
PERMETTANT D'EFFECTUER DES  
REGLAGES ASSERVIS SUR UN  
DISPOSITIF MEDICAL IMPLANTABLE  
[72] CHO, YONG KYUN, US  
[72] CONDIE, CATHERINE R., US  
[72] PORTZLINE, GERALD A., US  
[72] WAHLSTRAND, JOHN D., US  
[72] MONGEON, LUC R., US  
[72] BRANDSTETTER, JOHN S., US  
[71] MEDTRONIC, INC., US  
[85] 2004-10-27  
[86] 2003-03-20 (PCT/US2003/008433)  
[87] 2003-11-13 (WO2003/092806)  
[30] US (10/134,560) 2002-04-29

[21] 2,483,856  
[13] A1

[51] Int.Cl. 7H03K 9/00 7H04B 17/02  
[25] EN  
[54] ADJACENT CHANNEL  
INTERFERENCE MITIGATION FOR  
FM DIGITAL AUDIO BROADCASTING  
RECEIVERS  
[54] ATTENUATION DE BROUILLAGE  
ENTRE CANAUX ADJACENTS POUR  
RECEPTEURS DE RADIODIFFUSION  
NUMERIQUE FM  
[72] KROEGER, BRIAN W., US  
[71] IBIQUITY DIGITAL CORPORATION,  
US  
[85] 2004-10-27  
[86] 2003-04-21 (PCT/US2003/012218)  
[87] 2003-11-13 (WO2003/094350)  
[30] US (10/136,136) 2002-05-01

[21] 2,483,857  
[13] A1

[51] Int.Cl. 7A61K 31/335  
[25] EN  
[54] DRUGS FOR MITIGATING  
TAXANE-INDUCED NEUROTOXICITY  
[54] MEDICAMENTS SERVANT A  
ATTENUEER LA NEUROTOXICITE  
INDUITE PAR LE TAXANE  
[72] HAUSHEER, FREDERICK H., US  
[71] BIONUMERIK  
PHARMACEUTICALS, INC., US  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/US2003/013518)  
[87] 2003-11-13 (WO2003/092675)  
[30] US (10/135,975) 2002-04-30

## PCT Applications Entering the National Phase

---

[21] 2,483,858

[13] A1

- [51] Int.Cl. 7D06M 15/568 7C08G 18/08  
7E02B 3/12 7C08G 18/48 7C08G 18/70
  - [25] EN
  - [54] IMPROVED POLYURETHANE/GEOTEXTILE COMPOSITE LINER FOR CANALS AND DITCHES BASED ON LIQUEFIED MONOMERIC MDI-DERIVATIVES
  - [54] GARNITURE EN COMPOSITE DE POLYURETHANE/GEOTEXTILE AMELIORE POUR CANAUX ET TRANCHEES, A BASE DE DERIVES DE MDI MONOMERE LIQUEFIE
  - [72] MARKUSCH, PETER H., US
  - [72] GUETHER, RALF, DE
  - [71] BAYER MATERIALSCIENCE LLC, US
  - [85] 2004-10-29
  - [86] 2003-05-02 (PCT/US2003/014010)
  - [87] 2003-11-13 (WO2003/093570)
  - [30] US (10/138,539) 2002-05-03
- 

[21] 2,483,859

[13] A1

- [51] Int.Cl. 7C04B 38/04 7A61K 9/00  
7A61L 24/02 7A61L 27/12 7A61L 27/56
- [25] EN
- [54] METHOD OF PREPARING POROUS CALCIUM PHOSPHATE GRANULES
- [54] METHODE DE PREPARATION DE GRANULES DE PHOSPHATE DE CALCIUM POREUSES
- [72] TAS, AHMET CUENEYT, DE
- [71] BIOMET DEUTSCHLAND GMBH, DE
- [85] 2004-10-29
- [86] 2003-04-07 (PCT/EP2003/003583)
- [87] 2003-11-13 (WO2003/093196)
- [30] EP (02010043.4) 2002-05-06

[21] 2,483,862

[13] A1

- [51] Int.Cl. 7C07D 207/34
  - [25] EN
  - [54] PROCESS FOR THE PREPARATION OF THE AMORPHOUS FORM OF ATORVASTATIN CALCIUM SALT
  - [54] PROCEDE DE PREPARATION DE LA FORME AMORPHE D'UN SEL D'ATORVASTATINE CALCIQUE
  - [72] TUOZZI, ANGELA, IT
  - [72] MASSARDO, PIETRO, IT
  - [72] TURCHETTA, STEFANO, IT
  - [71] CHEMI S.P.A., IT
  - [85] 2004-10-29
  - [86] 2003-04-25 (PCT/EP2003/004313)
  - [87] 2003-11-13 (WO2003/093233)
  - [30] IT (MI2002A000907) 2002-04-29
- 

[21] 2,483,864

[13] A1

- [51] Int.Cl. 7H04Q 7/38
- [25] EN
- [54] IDLE HANDOFF WITH NEIGHBOR LIST CHANNEL REPLACEMENT
- [54] TRANSFERT AU REPOS AVEC REMPLACEMENT DE CANAL DE LISTE DE VOISINS
- [72] NEUFELD, ARTHUR J., US
- [72] ANDRUS, DON N., US
- [71] QUALCOMM INCORPORATED, US
- [85] 2004-10-27
- [86] 2003-04-29 (PCT/US2003/013387)
- [87] 2003-11-13 (WO2003/094568)
- [30] US (10/137,044) 2002-04-30

[21] 2,483,865

[13] A1

- [51] Int.Cl. 7C07D 487/04 7C07D 235/00  
7C07D 253/00 7A61P 11/00 7C07D 253/06  
7C07D 401/12 7C07D 403/12 7A61K 31/53
  - [25] EN
  - [54] 7-AMINOIMIDAZOTRIAZONES
  - [54] 7-AMINOIMIDAZOTRIAZONES
  - [72] ALONSO-ALIJA, CRISTINA, DE
  - [72] STURTON, GRAHAM, GB
  - [72] CUTHBERT, NIGEL, GB
  - [72] SCHLEMMER, KARL-HEINZ, DE
  - [72] GEISS, VOLKER, DE
  - [72] BISCHOFF, HILMAR, DE
  - [72] FITZGERALD, MARY F., GB
  - [72] BURKHARDT, NILS, DE
  - [72] KARTHAUS, DAGMAR, DE
  - [72] GIELEN-HAERTWIG, HEIKE, DE
  - [72] MICHELS, MARTIN, DE
  - [72] NIEWOEHNER, ULRICH (DECEASED), GB
  - [71] BAYER HEALTHCARE AG, DE
  - [85] 2004-10-29
  - [86] 2003-04-22 (PCT/EP2003/004129)
  - [87] 2003-11-13 (WO2003/093268)
  - [30] GB (0209988.5) 2002-05-01
- 

[21] 2,483,867

[13] A1

- [51] Int.Cl. 7C08G 77/388 7C09D 163/00  
7C08L 63/00 7C09D 183/08 7C08L 83/08  
7C08G 77/26
- [25] EN
- [54] AMINO-FUNCTIONAL POLYSILOXANES AND THEIR USE IN COATINGS
- [54] POLYSILOXANES AMINO-FONCTIONNELS ET UTILISATION DE CEUX-CI DANS DES REVETEMENTS
- [72] DE JONG, JAN, NL
- [72] VAN DER POEL, HENK, NL
- [72] SLINGENEIJER DE GOESWIN, CHRISTOPHE, BE
- [72] KLAASSENS, LARS IVAR, NL
- [72] MILL, SIBEL, DE
- [72] GILLARD, MICHEL, BE
- [71] SIGMAKALON SERVICES B.V., NL
- [85] 2004-10-29
- [86] 2003-04-30 (PCT/EP2003/004513)
- [87] 2003-11-13 (WO2003/093352)
- [30] EP (02447079.1) 2002-05-03
- [30] EP (02447081.7) 2002-05-03

## Demandes PCT entrant en phase nationale

---

**[21] 2,483,868**  
[13] A1

[51] Int.Cl. 7C07F 5/02 7C07F 5/00 7C07D 495/04 7C07D 498/22 7G01N 33/50 7G01N 33/53 7G01N 33/58 7C07D 239/72 7C07D 311/82  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR DETECTION AND ISOLATION OF PHOSPHORYLATED MOLECULES  
[54] COMPOSITIONS ET METHODES DE DETECTION ET D'ISOLATION DE MOLECULES PHOSPHORYLEES  
[72] BEECHEM, JOSEPH, US  
[72] AGNEW, BRIAN, US  
[72] HAUGLAND, RICHARD, US  
[72] GEE, KYLE, US  
[72] STEINBERG, THOMAS, US  
[72] PATTON, WAYNE, US  
[72] MARTIN, VLADIMIR, US  
[72] LIU, JIXIANG, US  
[71] MOLECULAR PROBES, INC., US  
[85] 2004-10-29  
[86] 2003-05-02 (PCT/US2003/013765)  
[87] 2004-05-21 (WO2004/042347)  
[30] US (60/377,733) 2002-05-03  
[30] US (60/393,059) 2002-06-28  
[30] US (60/407,255) 2002-08-30  
[30] US (60/440,252) 2003-01-14

**[21] 2,483,870**  
[13] A1

[51] Int.Cl. 7C12N 15/48 7C07K 19/00 7C12N 7/01 7C12P 21/02 7C07K 14/155 7A61K 38/16 7A61K 39/21 7C12Q 1/70  
[25] EN  
[54] INTERACTING SITE FOR GP41 ON GP120 OF HIV-1  
[54] SITE D'INTERACTION AVEC LA GP41 SUR LA GP120 DU VIH-1  
[72] QUINNAN, GERALD V., JR., US  
[71] THE HENRY M. JACKSON FOUNDATION, US  
[85] 2004-10-29  
[86] 2003-05-12 (PCT/US2003/014721)  
[87] 2004-06-03 (WO2004/045495)  
[30] US (60/379,052) 2002-05-10

**[21] 2,483,871**  
[13] A1

[51] Int.Cl. 7A61F 2/06 7A61M 25/00  
[25] EN  
[54] IMPLANTABLE PROSTHESIS  
[54] PROTHESE IMPLANTABLE  
[72] THISTLE, ROBERT, US  
[72] DIMATTEO, KRISTIAN, US  
[72] SPIRIDIGLIOZZI, JOHN, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-10-29  
[86] 2003-05-15 (PCT/US2003/015242)  
[87] 2003-12-31 (WO2004/000169)  
[30] US (10/176,834) 2002-06-21

**[21] 2,483,879**  
[13] A1

[51] Int.Cl. 7H04L 9/00  
[25] EN  
[54] SECURE MOBILE AD-HOC NETWORK AND RELATED METHODS  
[54] RESEAU AD HOC MOBILE SECURISE ET PROCEDES ASSOCIES  
[72] BILLHARTZ, THOMAS JAY, US  
[72] FLEMING, FRANK JOSEPH, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-05-07 (PCT/US2003/014322)  
[87] 2003-11-20 (WO2003/096606)  
[30] US (10/143,145) 2002-05-10

**[21] 2,483,875**  
[13] A1

[51] Int.Cl. 7C07H 17/00 7A61K 31/00  
[25] EN  
[54] 6,11 BICYCLIC ERYTHROMYCIN DERIVATIVES  
[54] DERIVES DE L'ERYTHROMYCINE 6,11 BICYCLIQUE  
[72] FARMER, JAY JUDSON, US  
[72] NIU, DEQIANG, US  
[72] QUI, YAO-LING, US  
[72] VO, NHA HUU, US  
[72] OR, YAT SUN, US  
[72] PHAN, LY TAM, US  
[72] WANG, GUOQIANG, US  
[72] HOU, YING, US  
[71] ENANTA PHARMACEUTICALS, INC., US  
[85] 2004-10-29  
[86] 2003-05-13 (PCT/US2003/014914)  
[87] 2003-11-20 (WO2003/095466)  
[30] US (10/144,396) 2002-05-13  
[30] US (10/436,622) 2003-05-13

**[21] 2,483,880**  
[13] A1

[51] Int.Cl. 7H04L 9/22 7G06F 17/00 7H04L 9/00  
[25] EN  
[54] SECURE WIRELESS LOCAL OR METROPOLITAN AREA NETWORK AND RELATED METHODS  
[54] RESEAU LOCAL OU METROPOLITAIN SANS FIL SECURISE ET PROCEDES S'Y RAPPORTANT  
[72] FLEMING, FRANK JOSEPH, US  
[72] BILLHARTZ, THOMAS JAY, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-05-07 (PCT/US2003/014324)  
[87] 2003-11-20 (WO2003/096614)  
[30] US (10/143,153) 2002-05-10

**[21] 2,483,888**  
[13] A1

[51] Int.Cl. 7A61M 1/00  
[25] EN  
[54] THORAX DRAINAGE SYSTEM  
[54] SYSTEME DE DRAINAGE THORACIQUE  
[72] KOCH, URS, CH  
[72] MOSER, BEAT, CH  
[72] ROELLIN, RICHARD, CH  
[71] MEDELA HOLDING AG, CH  
[85] 2004-11-01  
[86] 2003-06-02 (PCT/CH2003/000342)  
[87] 2003-12-18 (WO2003/103747)  
[30] CH (949/02) 2002-06-05

[51] Int.Cl. 7D21F 1/00 7D21G 9/00 7D21F 7/06  
[25] EN  
[54] METHOD AND APPARATUS FOR MONITORING OF THE DRY LINE IN A FOUL DRINIER PAPER MACHINE AND FOR CONTROL BASED THEREUPON  
[54] PROCEDE ET APPAREIL DE REGLAGE DE LA LIGNE SECHE DANS UNE MACHINE A PAPIER A TABLE PLATE  
[72] NIEMI, ANTTI, FI  
[71] NIEMI, ANTTI, FI  
[85] 2004-10-29  
[86] 2003-05-09 (PCT/FI2003/000361)  
[87] 2003-11-20 (WO2003/095739)  
[30] FI (20020890) 2002-05-10

## PCT Applications Entering the National Phase

---

[21] 2,483,890  
[13] A1

[51] Int.Cl. 7A61K 31/38 7C07D 221/00  
7C07D 333/00 7A61P 29/00 7C07D 495/04  
7A61K 31/435  
[25] EN  
[54] SUBSTITUTED 3-AMINO-THIENO-2,3-B|PYRIDINE-2-CARBOXYLIC ACID AMIDE COMPOUNDS AND PROCESSES FOR PREPARING AND THEIR USES  
[54] COMPOSES AMIDE D'ACIDE 3-AMINO-THIENO-2,3-B|PYRIDINE-2-CARBOXYLIQUE SUBSTITUES ET PROCESSUS DE PREPARATION ET D'UTILISATION DE CES COMPOSES  
[72] WU, JIANG-PING, US  
[72] CYWIN, CHARLES L., US  
[72] CHEN, ZHIDONG, US  
[72] SORCEK, RONALD J., US  
[72] NEMOTO, PETER ALLEN, US  
[72] SUN, SANXING, US  
[72] FLECK, ROMAN WOLFGANG, US  
[72] HAO, MING HONG, US  
[72] HICKEY, EUGENE RICHARD, US  
[72] MARSHALL, DANIEL R., US  
[72] LIU, WEIMIN WILL, US  
[72] MORWICK, TINA M., US  
[72] EMEIGH, JONATHAN, US  
[71] BOEHRINGER INGELHEIM PHARMACEUTICALS, INC., US  
[85] 2004-10-27  
[86] 2003-06-03 (PCT/US2003/017343)  
[87] 2003-12-18 (WO2003/103661)  
[30] US (60/386,312) 2002-06-06  
[30] US (60/457,867) 2003-03-26

---

[21] 2,483,893  
[13] A1

[51] Int.Cl. 7A01N 33/12 7A01N 33/04  
[25] EN  
[54] SURFACTANT-AMMONIUM SULFATE ADJUVANT COMPOSITION FOR ENHANCING EFFICACY OF HERBICIDES  
[54] COMPOSITION D'ADDITION A BASE DE TENSIOACTIF ET DE SULFATE D'AMMONIUM DESTINEE A AMELIORER L'EFFICACITE D'HERBICIDES  
[72] NALEWAJA, JOHN D., US  
[72] MESSERSMITH, CALVIN, US  
[72] WOZNICA, ZENON J., US  
[72] SZELEZNIAK, EDWARD, US  
[71] NDSU-RESEARCH FOUNDATION, US  
[85] 2004-11-01  
[86] 2003-04-28 (PCT/US2003/013122)  
[87] 2003-11-13 (WO2003/092373)  
[30] US (10/139,000) 2002-05-01

[21] 2,483,897  
[13] A1

[51] Int.Cl. 7C08G 63/82  
[25] EN  
[54] CATALYST SYSTEMS FOR POLYCONDENSATION REACTIONS  
[54] SYSTEMES CATALYSEURS POUR REACTIONS DE POLYCONDENSATION  
[72] WIEGNER, JENS-PETER, DE  
[72] VOERCKEL, VOLKMAR, DE  
[72] FEIX, GUNTER, DE  
[72] RUNKEL, DIETMAR, DE  
[72] STAEBER, HANS, CH  
[71] EQUIPOLYMERS GMBH, DE  
[85] 2004-10-28  
[86] 2003-04-28 (PCT/US2003/013132)  
[87] 2004-02-19 (WO2004/014982)  
[30] US (60/379,676) 2002-05-09

---

[21] 2,483,898  
[13] A1

[51] Int.Cl. 7A61J 9/00 7A61J 11/02 7A61J 11/04  
[25] EN  
[54] VARIABLE FLOW INFANT FEEDING ASSEMBLY  
[54] ENSEMBLE BIBERON A ECOULEMENT VARIABLE  
[72] HU, TONY, US  
[72] DUNN, STEVEN B., US  
[72] DAVIS, CHARLES P., US  
[72] HATHERHILL, MARK, US  
[72] JOHNSON, KEVIN D., US  
[71] MUNCHKIN, INC., US  
[85] 2004-11-01  
[86] 2003-05-05 (PCT/US2003/014183)  
[87] 2003-11-13 (WO2003/092577)  
[30] US (60/377,521) 2002-05-03

---

[21] 2,483,899  
[13] A1

[51] Int.Cl. 7C08J 3/22 7C09B 48/00  
7C09B 47/04 7C09B 57/04 7C08L 101/12  
7G06F 17/60  
[25] EN  
[54] MASTERBATCH PELLET MIXTURE  
[54] MELANGE MAITRE DE GRANULES  
[72] UCHIMI, HIDEKI, JP  
[72] NAKAYAMA, YOUNKO, JP  
[72] OTAKE, HARUO, JP  
[72] TOMITA, YOSHIRO, JP  
[71] DAINIPPON INK AND CHEMICALS INC., JP  
[85] 2004-09-30  
[86] 2004-04-28 (PCT/JP2004/006195)  
[87] 2004-10-30 (WO2004/096897)  
[30] JP (2003-125095) 2003-04-30

[21] 2,483,902  
[13] A1

[51] Int.Cl. 7A61C 17/34 7F16D 1/10  
[25] EN  
[54] TOP LOADING INTERNAL ASSEMBLY FOR A POWER TOOTHBRUSH  
[54] ENSEMBLE INTERNE A CHARGEMENT PAR LE HAUT CONCU POUR UNE BROSSE A DENTS ELECTRIQUE  
[72] HANELA, CRAIG D., NL  
[72] HALL, SCOTT E., NL  
[72] TAYLOR, RICHARD K., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2004-11-01  
[86] 2003-04-22 (PCT/IB2003/001590)  
[87] 2003-11-13 (WO2003/092534)  
[30] US (10/139,293) 2002-05-02

---

[21] 2,483,903  
[13] A1

[51] Int.Cl. 7A61B 5/053  
[25] EN  
[54] METHOD AND APPARATUS FOR MONITORING THE AUTONOMOUS NERVOUS SYSTEM OF A SEDATED PATIENT  
[54] PROCEDE ET APPAREIL POUR SURVEILLER LE SYSTEME NERVEUX AUTONOME D'UN PATIENT SOUS SEDATIFS  
[72] STORM, HANNE, NO  
[71] STORM, HANNE, NO  
[85] 2004-11-01  
[86] 2003-05-07 (PCT/NO2003/000148)  
[87] 2003-11-20 (WO2003/094726)  
[30] NO (2002 2218) 2002-05-08

## Demandes PCT entrant en phase nationale

---

[21] **2,483,904**  
[13] A1

[51] Int.Cl. 7A61K 31/4196 7A61P 37/06  
[25] EN  
[54] USE OF (3-(2-ETHYLPHENYL)-5-METHOXYPHENYL)-1H-~1,2,4-TRIAZOLE FOR THE TREATMENT OF AUTOIMMUNE DISEASES  
[54] UTILISATION DE (3-(2-ETHYLPHENYL)-5-METHOXYPHENYL)-1H-~1,2,4-TRIAZOLE DANS LE TRAITEMENT DE MALADIES AUTO-IMMUNES  
[72] CARMINATI, PAOLO, IT  
[72] BORSELLINO, GIOVANNA, IT  
[72] BATTISTINI, LUCA, IT  
[72] DE SANTIS, RITA, IT  
[71] SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A, IT  
[85] 2004-11-01  
[86] 2003-04-15 (PCT/IT2003/000237)  
[87] 2003-11-13 (WO2003/092681)  
[30] US (10/137,699) 2002-05-03

---

[21] **2,483,905**  
[13] A1

[51] Int.Cl. 7A61B 17/02 7A61B 17/28  
[25] EN  
[54] ENDOSCOPIC ORGAN RETRACTOR AND METHOD OF USING THE SAME  
[54] RETRACTEUR D'ORGANE ENDOSCOPIQUE ET TECHNIQUE D'UTILISATION DE CELUI-CI  
[72] ORBAN, JOSEPH, III, US  
[71] TYCO HEALTHCARE GROUP, LP, US  
[85] 2004-11-01  
[86] 2003-05-09 (PCT/US2003/014773)  
[87] 2003-11-20 (WO2003/094744)  
[30] US (60/379,327) 2002-05-09

---

[21] **2,483,906**  
[13] A1

[51] Int.Cl. 7A61B 17/22  
[25] EN  
[54] ORGAN RETRACTOR AND METHOD OF USING THE SAME  
[54] RETRACTEUR D'ORGANE ET PROCEDE D'UTILISATION DE CELUI-CI  
[72] HEINRICH, RUSSELL, US  
[71] TYCO HEALTHCARE GROUP, LP, US  
[85] 2004-11-01  
[86] 2003-05-09 (PCT/US2003/014774)  
[87] 2003-11-20 (WO2003/094754)  
[30] US (60/379,378) 2002-05-09

---

[21] **2,483,907**  
[13] A1

[51] Int.Cl. 7A61K 7/00 7A61K 9/00  
7A01N 25/00 7A61K 7/021 7A61K 7/04  
7A01N 25/08 7A61K 7/32 7A61K 7/42  
7A61K 7/46  
[25] EN  
[54] COMPOSITION FOR A CLEAR COSMETIC STICK  
[54] COMPOSITION DE BATON COSMETIQUE TRANSPARENT  
[72] SCHAMPER, THOMAS, US  
[72] MOGHE, BHALCHANDRA DATTATRAY, US  
[71] COTY INC., US  
[85] 2004-11-01  
[86] 2003-05-01 (PCT/US2003/022952)  
[87] 2003-11-13 (WO2003/092431)  
[30] US (10/138,180) 2002-05-01

---

[21] **2,483,908**  
[13] A1

[51] Int.Cl. 7A61F 2/02  
[25] EN  
[54] VASCULARIZATION ENHANCED GRAFT CONSTRUCTS  
[54] GREFFONS HYBRIDES A VASCULARISATION AMELIOREE  
[72] BADYLAK, STEPHEN FRANCIS, US  
[71] PURDUE RESEARCH FOUNDATION, US  
[85] 2004-11-01  
[86] 2003-05-01 (PCT/US2003/013541)  
[87] 2003-11-13 (WO2003/092474)  
[30] US (60/377,566) 2002-05-02

---

[21] **2,483,911**  
[13] A1

[51] Int.Cl. 7A61K 7/16  
[25] EN  
[54] ORAL CARE COMPOSITIONS COMPRISING DICARBOXY FUNCTIONALIZED POLYORGANOSILOXANES  
[54] COMPOSITIONS POUR LES SOINS BUCCAUX, CONTENANT DES POLYORGANOSILOXANES FONCTIONNALISES PAR DES GROUPEMENTS DICARBOXY  
[72] GLANDORF, WILLIAM MICHAEL, US  
[72] OLIER, PHILIPPE, FR  
[72] KOVACS, STEPHEN ANDRAS, US  
[72] RENO, ELIZABETH ANN BROWN, US  
[72] MAJETI, SATYANARAYANA, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-11-01  
[86] 2003-05-09 (PCT/US2003/014694)  
[87] 2003-11-20 (WO2003/094877)  
[30] US (60/378,994) 2002-05-09

---

[21] **2,483,914**  
[13] A1

[51] Int.Cl. 7A61K 9/12 7A61K 9/14  
7A61K 9/48  
[25] EN  
[54] CAPSULES FOR DRY POWDER INHALERS AND METHODS OF MAKING AND USING SAME  
[54] CAPSULES POUR INHALATEURS A POUDRE SECHE ET PROCEDES DE FABRICATION ET D'UTILISATION CORRESPONDANTS  
[72] MILLER, DANFORTH, US  
[72] LECHUGA-BALLESTEROS, DAVID, US  
[71] NEKTAR THERAPEUTICS, US  
[85] 2004-11-01  
[86] 2003-05-07 (PCT/US2003/014309)  
[87] 2003-11-20 (WO2003/094890)  
[30] US (60/378,703) 2002-05-07

## PCT Applications Entering the National Phase

---

**[21] 2,483,916**  
[13] A1

[51] Int.Cl. 7A61K 9/127  
[25] EN  
[54] METHODS AND FORMULATIONS FOR ENHANCING THE ABSORPTION AND GASTRO-INTESTINAL BIOAVAILABILITY OF HYDROPHOBIC DRUGS  
[54] METHODES ET FORMULATIONS DESTINEES A FAVORISER L'ABSORPTION ET LA BIODISPONIBILITE GASTRO-INTESTINALE DE MEDICAMENTS HYDROPHOBES  
[72] SPILBURG, CURTIS A., US  
[71] KAPAC, LLC, US  
[85] 2004-11-01  
[86] 2003-03-31 (PCT/US2003/010146)  
[87] 2003-11-20 (WO2003/094891)  
[30] US (10/140,620) 2002-05-07

**[21] 2,483,917**  
[13] A1

[51] Int.Cl. 7A61K 9/12 7A61K 31/355  
7A61K 31/685 7A61K 31/715  
[25] EN  
[54] FORMULATIONS LIMITING SPREAD OF PULMONARY INFECTIONS  
[54] FORMULATIONS LIMITANT L'EXTENSION D'INFECTIONS PULMONAIRES  
[72] STONE, HOWARD A., US  
[72] EDWARDS, DAVID A., US  
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US  
[85] 2004-11-01  
[86] 2003-05-01 (PCT/US2003/013707)  
[87] 2003-11-13 (WO2003/092654)  
[30] US (60/377,327) 2002-05-02

**[21] 2,483,918**  
[13] A1

[51] Int.Cl. 7C01B 25/30 7C01G 49/00  
**7C01D 1/02**  
[25] EN  
[54] SYNTHESIS OF METAL COMPOUNDS USEFUL AS CATHODE ACTIVE MATERIALS  
[54] SYNTHESE DE COMPOSES METALLIQUES UTILISES COMME MATERIAUX ACTIFS CATHODIQUES  
[72] BARKER, JEREMY, GB  
[72] DONG, MING, US  
[72] SAIDI, YAZID M., US  
[72] SWOYER, JEFFREY, US  
[71] VALENCE TECHNOLOGY, INC., US  
[85] 2004-10-22  
[86] 2003-05-06 (PCT/US2003/014290)  
[87] 2003-12-04 (WO2003/099715)  
[30] US (10/150,353) 2002-05-17  
[30] US (10/150,343) 2002-05-17

**[21] 2,483,919**  
[13] A1

[51] Int.Cl. 7C02F 1/20 7B01D 19/00  
[25] EN  
[54] APPARATUS AND METHOD FOR WATER TREATMENT  
[54] SYSTEME ET PROCEDE DE TRAITEMENT DES EAUX  
[72] MCNULTY, PETER, DRUMMOND, US  
[71] MCNULTY, PETER, DRUMMOND, US  
[85] 2004-11-01  
[86] 2003-04-15 (PCT/US2003/011558)  
[87] 2003-11-13 (WO2003/093176)  
[30] US (10/136,627) 2002-05-02  
[30] US (10/164,344) 2002-06-07

**[21] 2,483,921**  
[13] A1

[51] Int.Cl. 7A61F 2/24  
[25] FR  
[54] PROCEDE DE REALISATION D'UNE PROTHESE DE VALVE CARDIAQUE AORTIQUE OU MITRALE ET PROTHESE DE VALVE CARDIAQUE AORTIQUE OU MITRALE AINSI OBTENUE  
[54] METHOD FOR PRODUCING AN AORTIC OR MITRAL HEART VALVE PROSTHESIS AND RESULTING AORTIC OR MITRAL HEART VALVE  
[72] KRETZ, JEAN-GEORGES, FR  
[72] HEIM, FREDERIC, FR  
[72] DURAND, BERNARD, FR  
[72] CHAKFE, NABIL, FR  
[71] E.T.I.C.A - ENGINEERING AND TECHNOLOGICAL INNOVATIONS IN CARDIO VASCULAR APPLICATIONS, FR  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/FR2003/001271)  
[87] 2003-11-06 (WO2003/090645)  
[30] FR (02/05086) 2002-04-23  
[30] FR (02/12030) 2002-09-27

**[21] 2,483,923**  
[13] A1

[51] Int.Cl. 7C07D 473/06  
[25] EN  
[54] PROCESS FOR PREPARING XANTHINE PHOSPHODIESTERASE V INHIBITORS AND PRECURSORS THEREOF  
[54] PROCEDE DE PREPARATION D'INHIBITEUR DE LA PHOSPHODIESTERASE V DE LA XANTHINE  
[72] ZAVIALOV, ILIA A., US  
[72] DAHANUKAR, VILAS H., US  
[72] NGUYEN, HOA N., US  
[72] ZHANG, FUCHENG, US  
[72] ORR, CECILIA A., US  
[71] SCHERING CORPORATION, US  
[85] 2004-11-01  
[86] 2003-05-30 (PCT/US2003/017042)  
[87] 2003-12-11 (WO2003/101992)  
[30] US (60/384,478) 2002-05-31

## Demandes PCT entrant en phase nationale

---

[21] 2,483,926  
[13] A1

[51] Int.Cl. 7C01B 39/00  
[25] EN  
[54] "CRYSTALLINE ALUMINOSILICATE ZEOLITIC COMPOSITION: UZM-4M"  
[54] COMPOSITION ZEOLITIQUE D'ALUMINOSILICATE CRISTALLINE UZM-4M  
[72] PATTON, R. LYLE, US  
[72] WILSON, STEPHEN T., US  
[72] JAN, DENG-YANG, US  
[72] LEWIS, GREGORY J., US  
[72] WILSON, BEN A., US  
[71] UOP LLC, US  
[85] 2004-11-01  
[86] 2003-05-08 (PCT/US2003/014564)  
[87] 2004-05-13 (WO2004/039725)  
[30] US (10/142,806) 2002-05-09

[21] 2,483,927  
[13] A1

[51] Int.Cl. 7A61K 31/4709 7A61P 3/10  
7A61K 31/4155 7A61K 31/416 7A61K 31/4184 7A61K 31/4192  
[25] EN  
[54] TREATMENT OF DIABETES AND DIABETIC COMPLICATIONS WITH NHE-1 INHIBITORS  
[54] TRAITEMENT DU DIABÈTE ET DE COMPLICATIONS DIABÉTIQUES A L'AIDE D'INHIBITEURS NHE-1  
[72] TRACEY, WAYNE ROSS, US  
[72] TREADWAY, JUDITH LEE, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-11-01  
[86] 2003-04-22 (PCT/IB2003/001639)  
[87] 2003-11-13 (WO2003/092694)  
[30] US (60/380,028) 2002-05-02

[21] 2,483,928  
[13] A1

[51] Int.Cl. 7C08L 83/04 7C08L 83/10  
7A61K 7/16  
[25] EN  
[54] COMPOSITIONS COMPRISING ANIONIC FUNCTIONALIZED POLYORGANOSILOXANES FOR HYDROPHOBICALLY MODIFYING SURFACES AND ENHANCING DELIVERY OF ACTIVE AGENTS TO SURFACES TREATED THEREWITH  
[54] COMPOSITIONS COMPRENANT DES POLYORGANOSILOXANES FONCTIONNALISÉES ANIONIQUES AFIN DE MODIFIER DES SURFACES SUR LE PLAN HYDROPHOBE ET D'AMÉLIORER L'APPORT D'AGENTS ACTIFS AUX SURFACES TRAITÉES A L'AIDE DE CES COMPOSITIONS  
[72] MAJETI, SATYANARAYANA, US  
[72] RENO, ELIZABETH ANN BROWN, US

[72] KOVACS, STEPHEN ANDRAS, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-11-01  
[86] 2003-05-09 (PCT/US2003/014696)  
[87] 2003-11-20 (WO2003/095559)  
[30] US (60/378,997) 2002-05-09

[21] 2,483,929  
[13] A1

[51] Int.Cl. 7A61K 31/40  
[25] EN  
[54] A METHOD FOR INHIBITING PLATELET AGGREGATION  
[54] MÉTHODE PERMETTANT D'INHIBER L'AGGREGATION PLAQUETTAIRE  
[72] SCHNEIDER, DAVID, US  
[72] DIBATTISTE, PETER M., US  
[71] MERCK & CO., INC., US  
[85] 2004-11-01  
[86] 2003-05-02 (PCT/US2003/015329)  
[87] 2003-11-13 (WO2003/092767)  
[30] US (60/380,084) 2002-05-06

[21] 2,483,931  
[13] A1

[51] Int.Cl. 7B01L 3/14  
[25] EN  
[54] METHOD AND APPARATUS FOR ISOLATING PLATELETS FROM BLOOD  
[54] PROCEDE ET APPAREIL D'ISOLATION DE PLAQUETTES SANGUINES  
[72] STORRS, RICHARD WOOD, US  
[72] DORIAN, RANDEL, US  
[72] KING, SCOTT, US  
[71] HANUMAN LLC, US  
[85] 2004-11-01  
[86] 2003-04-24 (PCT/US2003/012888)  
[87] 2003-11-13 (WO2003/092894)  
[30] US (60/377,559) 2002-05-03  
[30] US (60/379,951) 2002-05-10  
[30] US (60/382,639) 2002-05-21

[21] 2,483,933  
[13] A1

[51] Int.Cl. 7C09B 62/515 7C09B 62/255  
7C09B 62/415

[25] EN  
[54] WATER-SOLUBLE FIBER-REACTIVE DYES, PREPARATION THEREOF AND USE THEREOF  
[54] COLORANTS HYDROSOLUBLES REAGISSANT AVEC LES FIBRES, PRÉPARATION ET UTILISATION CONNEXE  
[72] RUSS, WERNER, DE  
[72] MEIER, STEFAN, DE  
[72] SCHWAIGER, GUNTHER, DE  
[71] DYSTAR TEXTILFARBEN GMBH & CO. DEUTSCHLAND KG, DE  
[85] 2004-10-26  
[86] 2003-04-22 (PCT/EP2003/004122)  
[87] 2003-11-13 (WO2003/093371)  
[30] DE (102 18 962.5) 2002-04-27

[21] 2,483,934  
[13] A1

[51] Int.Cl. 7F16L 15/06  
[25] EN  
[54] THREADED PIPE JOINT  
[54] RACCORD FILETÉ POUR TUYAUX

[72] TOSCANO, RITA G., AR  
[72] DELLA PINA, GIUSEPPE, IT  
[72] CARCAGNO, GABRIEL E., AR  
[72] COPPOLA, TOMMASO, IT  
[71] TENARIS CONNECTIONS AG, LI  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/EP2003/004459)  
[87] 2003-11-13 (WO2003/093716)  
[30] IT (RM2002 A 000234) 2002-04-30

## PCT Applications Entering the National Phase

---

[21] 2,483,940  
[13] A1

[51] Int.Cl. 7B65D 85/57 7G11B 33/04  
[25] EN  
[54] CASE FOR STACKING AND REMOVING DISCS  
[54] BOITIER POUR EMPILEMENT ET EXTRACTION DE DISQUES  
[72] GARCIA DE LA PENA RAZQUIN, EMMANUEL, ES  
[71] LEUNAMME ENGINEERING S.L., ES  
[85] 2004-10-26  
[86] 2002-10-01 (PCT/ES2002/000460)  
[87] 2003-12-18 (WO2003/104111)  
[30] ES (P200201063) 2002-05-02

---

[21] 2,483,962  
[13] A1

[51] Int.Cl. 7B21F 27/02  
[25] EN  
[54] NET STRUCTURE FORMED BY KNITTED METAL WIRES  
[54] STRUCTURE DE FILET FORMEE PAR TRICOTAGE DE CABLES METALLIQUES  
[72] ROBIT, PHILIPPE, FR  
[71] GEOTECHNIQUE ET TRAVAUX SPECIAUX - GTS, FR  
[85] 2004-10-26  
[86] 2003-04-30 (PCT/FR2003/001366)  
[87] 2003-11-13 (WO2003/093553)  
[30] FR (02/05651) 2002-05-06

---

[21] 2,483,963  
[13] A1

[51] Int.Cl. 7G06F 17/30  
[25] EN  
[54] A METHOD, COMPUTER PROGRAM AND COMPUTER FOR ACCESSING DATA IN AN ENVIRONMENT OF MULTIPLE DATA REPOSITORIES  
[54] PROCEDE, LOGICIEL ET ORDINATEUR PERMETTANT D'ACCEDER A DES DONNEES DANS UN ENVIRONNEMENT DE DEPOTS DE DONNEES MULTIPLES  
[72] STEVENS, RICHARD JOSEPH, US  
[72] DETTINGER, RICHARD DEAN, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2004-10-21  
[86] 2003-04-17 (PCT/GB2003/001674)  
[87] 2003-11-06 (WO2003/091829)  
[30] US (10/131,984) 2002-04-25

---

[21] 2,483,964  
[13] A1

[51] Int.Cl. 7G01N 29/02  
[25] EN  
[54] MONITORING MEDICAL GAS XENON CONCENTRATION USING ULTRASONIC GAS ANALYSER  
[54] UTILISATION D'UN ANALYSEUR DE GAZ A ULTRASONS POUR SURVEILLER LA TENEUR EN XENON D'UN GAZ MEDICAL  
[72] DOWNIE, NEIL ALEXANDER, GB  
[72] KERR, STUART ALEXANDER, GB  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[85] 2004-10-26  
[86] 2003-05-01 (PCT/GB2003/001877)  
[87] 2003-11-13 (WO2003/093812)  
[30] GB (0210021.2) 2002-05-01

---

[21] 2,483,965  
[13] A1

[51] Int.Cl. 7F17C 7/00 7B01D 53/00 7A61M 16/00 7F17C 5/06  
[25] EN  
[54] GAS DISPENSING AND RECOVERY APPARATUS  
[54] DISPOSITIF DE DISTRIBUTION ET DE RECUPERATION DE GAZ  
[72] KERR, STUART ALEXANDER, GB  
[72] DOWNIE, NEIL ALEXANDER, GB  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[85] 2004-10-26  
[86] 2003-05-01 (PCT/GB2003/001883)  
[87] 2003-11-13 (WO2003/093722)  
[30] GB (0210022.0) 2002-05-01

---

[21] 2,483,968  
[13] A1

[51] Int.Cl. 7B23K 9/02 7B23K 9/12  
[25] EN  
[54] METHOD AND APPARATUS FOR SPLICING TUBULAR HEATER SECTIONS  
[54] PROCEDE ET APPAREIL PERMETTANT DE RACCORDER DES SECTIONS TUBULAIRES D'UN DISPOSITIF DE CHAUFFAGE  
[72] DESLOGE, GEORGE B., US  
[71] WATLOW ELECTRIC MANUFACTURING COMPANY, US  
[85] 2004-11-01  
[86] 2003-04-28 (PCT/US2003/013193)  
[87] 2003-11-13 (WO2003/092949)  
[30] US (10/136,085) 2002-05-01

---

[21] 2,483,978  
[13] A1

[51] Int.Cl. 7G01R 31/28 7G01R 31/02 7H04L 9/32  
[25] EN  
[54] SECURE SCAN  
[54] TEST SECURISE  
[72] SPRUNK, ERIC J., US  
[72] TONTHAT, AN, US  
[72] PENUGONDA, MADHUSUDHAN R., US  
[72] JOHNSON, MICHAEL W., US  
[71] GENERAL INSTRUMENT CORPORATION, US  
[85] 2004-11-01  
[86] 2003-05-02 (PCT/US2003/013761)  
[87] 2003-11-13 (WO2003/093844)  
[30] US (60/377,551) 2002-05-03  
[30] US (10/428,882) 2003-05-01

---

[21] 2,483,979  
[13] A1

[51] Int.Cl. 7B32B 3/02  
[25] EN  
[54] ROTATIONALLY DETERMINATE, POSITIONALLY AMBIGUOUS STRIPED CARPET TILES  
[54] DALLES DE MOQUETTES RAYEES A POSITION AMBIGUE ET ORIENTEES PAR ROTATION  
[72] DANIEL, SYDNEY D., US  
[72] OKEY, DAVID D., US  
[71] INTERFACE, INC., US  
[85] 2004-11-01  
[86] 2003-04-29 (PCT/US2003/013490)  
[87] 2003-11-13 (WO2003/092992)  
[30] US (10/135,913) 2002-04-30

---

## Demandes PCT entrant en phase nationale

---

[21] 2,483,981

[13] A1

[51] Int.Cl. 7C07C 17/25 7B01J 8/02  
7C07C 21/06 7B01J 38/10 7B01J 19/12  
7B01J 19/26  
[25] EN  
[54] METHOD FOR PRODUCING UNSATURATED HALOGENIC HYDROCARBONS AND DEVICE SUITABLE FOR USE WITH SAID METHOD  
[54] PROCEDE DE PRODUCTION D'HYDROCARBURES HALOGENES INSATURES ET DISPOSITIF ADAPTE A CET EFFET  
[72] ERTL, HORST, DE  
[72] MIELKE, INGOLF, DE  
[72] WILD, THOMAS, DE  
[72] BENJE, MICHAEL, DE  
[72] SCHWARZMAIER, PETER, DE  
[72] KAMMERHOFER, PETER, DE  
[71] UHDE GMBH, DE  
[85] 2004-11-01  
[86] 2003-04-30 (PCT/EP2003/004519)  
[87] 2003-11-13 (WO2003/093207)  
[30] DE (102 19 723.7) 2002-05-02

[21] 2,483,989

[13] A1

[51] Int.Cl. 7H04L 9/32 7A61B 5/117  
[25] EN  
[54] SYSTEM AND APPARATUS FOR AUTHENTICATING TO A SYSTEM OR NETWORK  
[54] SYSTEME ET APPAREIL PERMETTANT D'AUTHENTIFIER UN SYSTEME OU UN RESEAU  
[72] ERYOU, ROBERT, KY  
[72] NAJM, CLOVIS, CA  
[71] ERYOU, ROBERT, KY  
[71] NAJM, CLOVIS, CA  
[85] 2004-10-26  
[86] 2003-04-30 (PCT/IB2003/003301)  
[87] 2003-11-13 (WO2003/093923)  
[30] US (60/377,132) 2002-04-30  
[30] US (60/377,192) 2002-04-30

[21] 2,483,991

[13] A1

[51] Int.Cl. 7A61K 31/405 7C07D 209/18  
[25] EN  
[54] SUBSTANTIALLY PURE SOLID FORM OF THE ENOL TAUTOMER OF 3-INDOLYL PYRUVIC ACID FOR USE IN THE TREATMENT OF CENTRAL NERVOUS SYSTEM DISTURBANCES  
[54] FORME SOLIDE ESSENTIELLEMENT PURE DU TAUTOMERE ENOLIQUE DE L'ACIDE 3-INDOLYL PYRUVIQUE, UTILISE DANS LE TRAITEMENT DES TROUBLES DU SYSTEME NERVEUX CENTRAL  
[72] POLITI, VINCENZO, IT  
[72] BARTOLINI, BARBARA, IT  
[72] SELLA, ANTONIO, IT  
[72] MARGONELLI, ANDREA, IT  
[72] SOMMA, FRANCESCA, IT  
[72] CORNIELLO, CRISTINA, IT  
[71] POLIFARMA S.P.A., IT  
[85] 2004-10-26  
[86] 2003-05-07 (PCT/IT2003/000275)  
[87] 2003-11-20 (WO2003/094914)  
[30] IT (RM2002A000255) 2002-05-09

[21] 2,483,992

[13] A1

[51] Int.Cl. 7G06F 12/14 7H04L 9/32  
[25] EN  
[54] SYSTEM AND METHOD FOR DIGITAL WATERMARKING OF DATA REPOSITORY  
[54] SYSTEME ET PROCEDE DE CREATION D'UN FILIGRANE NUMERIQUE POUR DEPOT DE DONNEES  
[72] AGRAWAL, RAKESH, US  
[72] KIERNAN, GERALD GEORGE, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2004-10-21  
[86] 2003-05-14 (PCT/GB2003/002065)  
[87] 2003-11-27 (WO2003/098406)  
[30] US (10/147,741) 2002-05-15

[21] 2,483,995

[13] A1

[51] Int.Cl. 7A61L 2/20 7A61L 2/26  
[25] EN  
[54] A PRE-STERILISATION CHAMBER FOR A PROCESSING ENCLOSURE  
[54] CHAMBRE DE PRE-STERILISATION POUR ENCEINTE DE TRAITEMENT  
[72] BISSELL, DONALD KERR, GB  
[72] DRINKWATER, JAMES LINDSAY, GB  
[71] BIOQUELL UK LIMITED, GB  
[85] 2004-10-21  
[86] 2003-09-23 (PCT/GB2003/004087)  
[87] 2004-04-08 (WO2004/028573)  
[30] GB (0222154.7) 2002-09-24

[21] 2,483,998

[13] A1

[51] Int.Cl. 7C07C 243/24 7C07D 275/02  
7C07D 309/04 7C07D 487/04 7C07D 309/  
06 7C07D 231/08 7C07D 513/10 7C07D  
405/12 7C07D 413/12 7C07D 417/12  
7A61K 31/16 7A61K 31/165 7C07D 277/18  
7C07D 207/22 7C07D 211/26 7C07D 263/  
26 7C07D 233/32 7A61K 31/341 7A61K  
31/351 7A61K 31/40 7A61K 31/4025  
7A61K 31/4035 7C07D 207/408 7A61K 31/  
4152 7A61K 31/4166 7A61K 31/4168  
7A61K 31/421 7A61K 31/423 7A61K 31/  
425 7A61K 31/426 7A61K 31/427 7A61K  
31/428 7A61K 31/429 7C07D 207/50  
7C07D 307/52 7C07D 213/53 7C07C 251/  
76 7C07C 251/84 7C07C 251/86  
[25] EN  
[54] DIKETOHYDRAZINE DERIVATIVE COMPOUNDS AND DRUGS CONTAINING THE COMPOUNDS AS THE ACTIVE INGREDIENT  
[54] COMPOSES DERIVES DE DICETOHYDRAZINE ET MEDICAMENTS CONTENANT CES COMPOSES COMME INGREDIENT ACTIF  
[72] OCHI, YASUO, JP  
[72] IMAWAKA, HARUO, JP  
[72] HATAYAMA, AKIRA, JP  
[72] TSURUTA, HIROSHI, JP  
[72] OHMOTO, KAZUJUKI, JP  
[71] ONO PHARMACEUTICAL CO., LTD., JP  
[85] 2004-10-25  
[86] 2003-04-24 (PCT/JP2003/005252)  
[87] 2003-11-06 (WO2003/091202)  
[30] JP (2002-123796) 2002-04-25

## PCT Applications Entering the National Phase

---

**[21] 2,483,999**  
[13] A1

[51] Int.Cl. 7G06F 19/00  
[25] EN  
[54] PERSONALIZATION SOFTWARE FOR IMPLANTED MEDICAL DEVICE PATIENTS  
[54] LOGICIEL DE PERSONNALISATION POUR PATIENTS AVEC DISPOSITIF MEDICAL IMPLANTE  
[72] RIFF, KENNETH M., US  
[71] MEDTRONIC, INC., US  
[85] 2004-10-26  
[86] 2003-04-24 (PCT/US2003/012985)  
[87] 2003-11-13 (WO2003/094089)  
[30] US (10/135,908) 2002-04-29

**[21] 2,484,008**  
[13] A1

[51] Int.Cl. 7A61B 19/02 7B65F 1/10  
[25] EN  
[54] LOW PROFILE SHARPS CONTAINER SYSTEM  
[54] SYSTEME DE CONTENANT POUR OBJETS ACERES, DE FORME RAMASSEE  
[72] KLEIN, RONALD T., US  
[72] JAPUNTICH, JOHN C., US  
[72] MOATS, DONNA L., US  
[72] SALZMAN, JACK, US  
[71] SHERWOOD SERVICES AG, CH  
[85] 2004-11-01  
[86] 2003-05-15 (PCT/US2003/015237)  
[87] 2003-11-27 (WO2003/096921)  
[30] US (10/150,573) 2002-05-17

**[21] 2,484,019**  
[13] A1

[51] Int.Cl. 7A61C 7/08  
[25] EN  
[54] ORTHODONTIC APPLIANCE BASED ON PREDICTED SIZES AND SHAPES OF UNERRUPTED TEETH, SYSTEM AND METHOD  
[54] APPAREIL ORTHODONTIQUE FONDE SUR DES DIMENSIONS ET DES FORMES DE DENTS QUI N'ONT PAS ENCORE POUSSEES, SYSTEME ET PROCEDE ASSOCIES  
[72] BERGERSEN, EARL O., US  
[71] ORTHO-TAIN, INC., US  
[85] 2004-10-20  
[86] 2003-05-28 (PCT/US2003/016725)  
[87] 2003-12-04 (WO2003/099155)  
[30] US (60/383,908) 2002-05-28

**[21] 2,484,002**  
[13] A1

[51] Int.Cl. 7G06F 9/44  
[25] EN  
[54] PROVIDING COMMON MEMORY MANAGEMENT CODE TO OBJECTS THAT ARE INSTANCES OF DIFFERENT CLASSES  
[54] PROCEDE POUR FOURNIR UN CODE DE GESTION DE MEMOIRE COMMUN A DES OBJETS CONSTITUANT DES INSTANCES DE CLASSES DIFFERENTES  
[72] KASAMSETTY, RAVIKANTH, CA  
[72] KRISHNASWAMY, SRINATH, US  
[72] LARI, MOHAMMED SHOAIB, US  
[71] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2004-10-26  
[86] 2003-04-28 (PCT/US2003/013310)  
[87] 2003-11-20 (WO2003/096186)  
[30] US (60/378,872) 2002-05-07  
[30] US (60/384,647) 2002-05-31  
[30] US (10/209,469) 2002-07-30

**[21] 2,484,011**  
[13] A1

[51] Int.Cl. 7C07D 263/56 7C07D 413/04  
7C07D 495/04 7C07D 498/04 7C07D 271/06 7C07D 413/12 7C07D 417/12 7A61K 31/423 7A61K 31/424 7A61K 31/4245  
[25] EN  
[54] CYSTEINE PROTEASE INHIBITORS  
[54] INHIBITEURS DE LA CYSTEINE PROTEASE  
[72] ZIPFEL, SHEILA M., US  
[72] GRAUPE, MICHAEL, US  
[72] MOSSMAN, CRAIG J., US  
[72] PATTERSON, JOHN W., US  
[72] LAU, AGNES, US  
[72] LIU, YANG, US  
[72] LINK, JOHN O., US  
[71] AXYS PHARMACEUTICALS, US  
[85] 2004-10-26  
[86] 2003-05-14 (PCT/US2003/015486)  
[87] 2003-11-27 (WO2003/097617)  
[30] US (60/380,311) 2002-05-14  
[30] US (60/422,337) 2002-10-30

**[21] 2,484,020**  
[13] A1

[51] Int.Cl. 7A61K 31/715 7A61K 9/00  
7A61K 47/36  
[25] EN  
[54] RE-EPITHELIALIZING PHARMACEUTICAL COMPOSITIONS COMPRISING XANTHAN GUM  
[54] RE-EPITHELIALISATION DE COMPOSITIONS PHARMACEUTIQUES COMPRENANT DE LA GOMME XANTHANE  
[72] ENEA, VINCENZO, IT  
[72] MARINO, CLARA, IT  
[72] PALADINO, GRAZIA, IT  
[72] MAZZONE, MARIA GRAZIA, IT  
[72] PERI, ORNELLA, IT  
[71] SIFI S.P.A., IT  
[85] 2004-10-20  
[86] 2003-04-24 (PCT/IT2003/000257)  
[87] 2003-11-13 (WO2003/092706)  
[30] EP (02425274.4) 2002-04-30

**[21] 2,484,004**  
[13] A1

[51] Int.Cl. 7B65D 75/00 7B65D 33/02  
[25] FR  
[54] EMBALLAGE DE PRESENTATION ET SON DISPOSITIF DE CONFORMATION  
[54] DISPLAY PACKAGE AND SHAPING DEVICE THEREFOR  
[72] PERBET, MURIEL, FR  
[71] CRISTALID SA, FR  
[85] 2004-11-01  
[86] 2003-05-16 (PCT/FR2003/001489)  
[87] 2003-11-27 (WO2003/097479)  
[30] FR (02/06045) 2002-05-16

## Demandes PCT entrant en phase nationale

---

[21] 2,484,023

[13] A1

[51] Int.Cl. 7C23C 16/04 7C23C 16/54  
 [25] EN  
**[54] DEVICE AND METHOD FOR TREATING WORKPIECES**  
**[54] DISPOSITIF ET PROCEDE DE TRAITEMENT DE PIECES**  
 [72] ARNOLD, GREGOR, DE  
 [72] BICKER, MATTHIAS, DE  
 [72] KLEIN, JURGEN, DE  
 [72] LUTTRINGHAUS-HENKEL, ANDREAS, DE  
 [72] BEHLE, STEPHAN, DE  
 [71] SCHOTT AG, DE  
 [85] 2004-10-20  
 [86] 2003-05-26 (PCT/EP2003/005473)  
 [87] 2003-12-04 (WO2003/100120)  
 [30] DE (102 23 288.1) 2002-05-24  
 [30] DE (102 24 395.6) 2002-06-01  
 [30] DE (102 25 607.1) 2002-06-07  
 [30] DE (102 25 609.8) 2002-06-07  
 [30] DE (102 25 985.2) 2002-06-11  
 [30] DE (102 27 637.4) 2002-06-20  
 [30] DE (102 29.529.8) 2002-07-01  
 [30] DE (102 34 374.8) 2002-07-27  
 [30] DE (102 53 512.4) 2002-11-16  
 [30] DE (102 53 513.2) 2002-11-16  
 [30] DE (102 58 681.0) 2002-12-13

---

[21] 2,484,026

[13] A1

[51] Int.Cl. 7A61L 27/36 7A61F 2/00  
 [25] EN  
**[54] METHOD AND DEVICE FOR WETTING A MEDICAL IMPLANT OR TRANSPLANT**  
**[54] PROCEDE ET DISPOSITIF POUR HUMIDIFIER UN IMPLANT MEDICAL OU UN TRANSPLANT**  
 [72] IWATSCHENKO, PETER, DE  
 [71] MTF MEDITECH FRANKEN GMBH, DE  
 [85] 2004-10-20  
 [86] 2003-06-04 (PCT/EP2003/005878)  
 [87] 2003-12-11 (WO2003/101342)  
 [30] EP (02012509.2) 2002-06-04

---

[21] 2,484,029

[13] A1

[51] Int.Cl. 7B08B 9/00 7B08B 3/00 7B08B 7/00 7C03C 23/00 7C23G 1/00 7C23G 1/02 7B08B 9/027 7B08B 3/14  
 [25] EN  
**[54] METHODS OF SIMULTANEOUSLY CLEANING AND DISINFECTING INDUSTRIAL WATER SYSTEMS**  
**[54] PROCEDE DE NETTOYAGE ET DE DESINFECTION SIMULTANES DE SYSTEMES D'APPROVISIONNEMENT EN EAU INDUSTRIELLE**  
 [72] GUPTA, AMIT, US  
 [72] KELLY, ROBERT F., US  
 [72] KELLY, DOUGLAS G., US  
 [72] COOPER, ANDREW J., US  
 [72] GILL, JASBIR S., US  
 [72] MYERS, ERIC R., US  
 [71] NALCO COMPANY, US  
 [85] 2004-10-20  
 [86] 2003-04-29 (PCT/US2003/013219)  
 [87] 2003-11-13 (WO2003/092919)  
 [30] US (10/135,317) 2002-04-30  
 [30] US (10/409,220) 2003-04-08

---

[21] 2,484,033

[13] A1

[51] Int.Cl. 7A61C 7/00  
 [25] EN  
**[54] DENTAL APPLIANCES AND SYSTEMS AND METHODS FOR DISTRIBUTING DENTAL APPLIANCES**  
**[54] APPAREILS D'ORTHODONTIE ET SYSTEMES ET PROCEDES DE DISTRIBUTION D'APPAREILS D'ORTHODONTIE**  
 [72] BERGERSEN, EARL O., US  
 [71] ORTHO-TAIN, INC., US  
 [85] 2004-10-20  
 [86] 2003-05-28 (PCT/US2003/016733)  
 [87] 2003-12-04 (WO2003/100574)  
 [30] US (60/383,909) 2002-05-28

---

[21] 2,484,035

[13] A1

[51] Int.Cl. 7C07D 213/40 7C07D 405/12 7C07D 409/12 7A01N 43/40 7C07D 213/61  
 [25] EN  
**[54] PYRIDINE COMPOUNDS OR SALTS THEREOF AND HERBICIDES CONTAINING THE SAME**  
**[54] COMPOSES PYRIDINE OU SELS DE CES DERNIERS ET HERBICIDES LES CONTENANT**  
 [72] MIYASHITA, SEIKO, JP  
 [72] KOYANAGI, TORU, JP  
 [72] KIKUGAWA, HIROSHI, JP  
 [72] SANO, MAKIKO, JP  
 [72] NAGAYAMA, SOUICHIRO, JP  
 [72] HISAMATSU, AKIHIRO, JP  
 [71] ISHIHARA SANGYO KAISHA, LTD., JP  
 [85] 2004-10-20  
 [86] 2003-04-24 (PCT/JP2003/005284)  
 [87] 2003-11-06 (WO2003/091217)  
 [30] JP (2002-125603) 2002-04-26

---

[21] 2,484,037

[13] A1

[51] Int.Cl. 7H04Q 7/38  
 [25] EN  
**[54] METHOD AND APPARATUS FOR SUPPORTING APPLICATION-LAYER MEDIA MULTICASTING**  
**[54] PROCEDE ET APPAREIL DE MULTIDIFFUSION DE MEDIAS A COUCHE APPLICATION**  
 [72] ROSEN, ERIC C., US  
 [72] CHEN, AN MEI, US  
 [71] QUALCOMM INCORPORATED, US  
 [85] 2004-11-04  
 [86] 2003-05-06 (PCT/US2003/014080)  
 [87] 2003-11-20 (WO2003/096738)  
 [30] US (10/142,369) 2002-05-08

---

[21] 2,484,038

[13] A1

[51] Int.Cl. 7C07D 327/06 7C07D 411/10 7A61K 31/382  
 [25] EN  
**[54] ESTROGEN RECEPTOR MODULATORS**  
**[54] MODULATEURS DE RECEPTEURS D'OESTROGENE**  
 [72] DININNO, FRANK P., US  
 [72] MORGAN, JERRY DWAIN, II, US  
 [72] BLIZZARD, TIMOTHY ALLEN, US  
 [71] MERCK & CO., INC., US  
 [85] 2004-10-20  
 [86] 2003-04-18 (PCT/US2003/012103)  
 [87] 2003-11-06 (WO2003/091239)  
 [30] US (60/375,237) 2002-04-24

---

## PCT Applications Entering the National Phase

---

**[21] 2,484,045**  
[13] A1

[51] Int.Cl. 7C04B 7/32  
[25] FR  
[54] LIANT ETTRINGITIQUE POUR MORTIER DENSE, COMPRENANT DES SULFATES DE CALCIUM ET UN COMPOSE MINERAL D'ALUMINATES DE CALCIUM  
[54] ETTRINGITE BINDER FOR DENSE MORTAR, COMPRISING CALCIUM SULPHATES AND A MINERAL COMPOUND OF CALCIUM ALUMINATES  
[72] TOUZO, BRUNO, FR  
[72] AMATHIEU, LORIS, FR  
[71] Lafarge Aluminates, FR  
[85] 2004-10-22  
[86] 2003-04-24 (PCT/FR2003/001304)  
[87] 2003-11-06 (WO2003/091179)  
[30] FR (02/05174) 2002-04-24

---

**[21] 2,484,048**  
[13] A1

[51] Int.Cl. 7A61B 3/12  
[25] EN  
[54] LENS-FREE OPHTHALMOSCOPE  
[54] OPHTALMOSCOPE SANS LENTILLE  
[72] ARMOUR, ROGER HANIF, GB  
[71] OPHTHALMOS LIMITED, GB  
[85] 2004-10-12  
[86] 2002-12-18 (PCT/GB2002/005758)  
[87] 2003-10-30 (WO2003/088828)  
[30] GB (0208776.5) 2002-04-17

---

**[21] 2,484,057**  
[13] A1

[51] Int.Cl. 7A61K 9/14 7A61K 9/16  
[25] EN  
[54] PREVENTION OF MYOCARDIAL INFARCTION INDUCED VENTRICULAR EXPANSION AND REMODELING  
[54] PREVENTION DE L'INFARCTUS DU MYOCARDE PAR DILATATION ET REMODELAGE VENTRICULAIRES  
[72] LESNIAK, JEANNE M., US  
[72] SANTAMORE, WILLIAM P., US  
[72] WEINER, BONNIE H., US  
[71] MYOMEND, INC., US  
[85] 2004-10-22  
[86] 2002-10-24 (PCT/US2002/033887)  
[87] 2003-11-06 (WO2003/090716)  
[30] US (10/131,090) 2002-04-25

---

**[21] 2,484,060**  
[13] A1

[51] Int.Cl. 7A61M 25/00 7A61M 39/02  
[25] EN  
[54] LIQUID EMBOLIC COMPOSITION DELIVERY DEVICE  
[54] DISPOSITIF D'ADMINISTRATION D'UNE COMPOSITION EMBOLIQUE LIQUIDE  
[72] PORTER, STEPHEN CHRISTOPHER, US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-10-27  
[86] 2003-05-05 (PCT/US2003/014164)  
[87] 2003-12-04 (WO2003/099369)  
[30] US (10/150,456) 2002-05-17

---

**[21] 2,484,061**  
[13] A1

[51] Int.Cl. 7F04B 53/14 7F04B 53/12 7A61B 17/32  
[25] EN  
[54] HIGH PRESSURE PUMPING CARTRIDGES FOR MEDICAL AND SURGICAL PUMPING AND INFUSION APPLICATIONS  
[54] CARTOUCHES DE POMPAGE HAUTE PRESSION DESTINEES A DES APPLICATIONS DE POMPAGE OU DE PERfusion MEDICALES OU CHIRURGICALES  
[72] MOUTAFIS, TIMOTHY E., US  
[72] FISCHER, DAVID M., US  
[71] HYDROCISION, INC., US  
[85] 2004-10-27  
[86] 2002-04-29 (PCT/US2002/013608)  
[87] 2002-11-28 (WO2002/095234)  
[30] US (60/287,219) 2001-04-27

---

**[21] 2,484,062**  
[13] A1

[51] Int.Cl. 7A61K 9/14  
[25] EN  
[54] DNA PURIFICATION AND RECOVERY FROM HIGH PARTICULATE AND SOLIDS SAMPLES  
[54] PURIFICATION ET RECUPERATION D'ADN A PARTIR D'ECHANTILLONS A HAUTE TENEUR EN PARTICULES ET EN SOLIDES  
[72] SMITH, MARTIN A., US  
[72] IGOE, FRANK D., US  
[72] DAVIS, JAMES C., US  
[72] VERA-GARCIA, MARCELA A., US  
[71] WHATMAN INC., US  
[85] 2004-10-27  
[86] 2002-08-20 (PCT/US2002/026442)  
[87] 2003-02-27 (WO2003/016552)  
[30] US (60/313,767) 2001-08-20

---

**[21] 2,484,063**  
[13] A1

[51] Int.Cl. 7F24C 15/32  
[25] FR  
[54] FOUR POUR LA CUISSON D'ALIMENTS  
[54] FOOD COOKING OVEN  
[72] FORAY, MICHEL GEORGES, FR  
[72] BUJEAU, ROBERT FERNAND, FR  
[71] PREMARK FEG L.L.C., US  
[85] 2004-11-01  
[86] 2003-05-07 (PCT/FR2003/001416)  
[87] 2003-11-27 (WO2003/098117)  
[30] FR (02/05714) 2002-05-07

---

**[21] 2,484,064**  
[13] A1

[51] Int.Cl. 7A24B 15/16 7A24D 3/04 7A24D 3/12 7A24D 3/16  
[25] EN  
[54] IMPROVEMENTS RELATING TO SMOKING ARTICLES AND SMOKABLE FILLER MATERIALS THEREFOR  
[54] AMELIORATIONS APPORTEES A DES ARTICLES A FUMER ET MATERIAUX DE REMPLISSAGE A FUMER CORRESPONDANTS  
[72] FIGLAR, JAMES N., US  
[72] COBURN, STEVEN, GB  
[72] SUTTON, JOSEPH PETER, GB  
[72] DITTRICH, DAVID JOHN, GB  
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB  
[85] 2004-10-26  
[86] 2003-04-02 (PCT/GB2003/001446)  
[87] 2003-11-13 (WO2003/092416)  
[30] GB (0209690.7) 2002-04-27

---

**[21] 2,484,065**  
[13] A1

[51] Int.Cl. 7A61K 31/44 7A61P 29/00 7A61P 35/00 7A61P 19/02 7C07D 401/04 7A61P 17/06 7A61P 19/08 7C07D 241/26 7C07D 239/48 7A61K 31/495 7A61K 31/505 7C07D 277/56  
[25] EN  
[54] INHIBITORS OF HISTONE DEACETYLASE  
[54] INHIBITEURS D'HISTONE DEACETYLASE  
[72] GIBSON, KEITH HOPKINSON, GB  
[72] WARING, MICHAEL JAMES, GB  
[72] STOKES, ELAINE SOPHIE ELIZABETH, GB  
[71] ASTRAZENECA AB, SE  
[85] 2004-10-26  
[86] 2003-04-17 (PCT/GB2003/001703)  
[87] 2003-11-13 (WO2003/092686)  
[30] GB (0209715.2) 2002-04-27

## Demandes PCT entrant en phase nationale

---

[21] **2,484,066**  
[13] A1

[51] Int.Cl. 7A61M 16/00 7A61M 16/10  
7A61M 16/12  
[25] EN  
[54] MEDICAL GAS RECIRCULATION SYSTEM  
[54] SYSTEME DE RECIRCULATION DE GAZ MEDICAL  
[72] KERR, STUART ALEXANDER, GB  
[72] DOWNIE, NEIL ALEXANDER, GB  
[71] AIR PRODUCTS AND CHEMICALS, INC., US  
[85] 2004-10-26  
[86] 2003-05-01 (PCT/GB2003/001875)  
[87] 2003-11-13 (WO2003/092776)  
[30] GB (0210023.8) 2002-05-01

---

[21] **2,484,067**  
[13] A1

[51] Int.Cl. 7A61K 31/515 7C07D 413/12  
7C07D 413/14  
[25] EN  
[54] TRIARYL-OXY-ARYLOXY-PYRIMIDINE-2,4,6-TRIONE METALLOPROTEINASE INHIBITORS  
[54] INHIBITEURS DE METALLOPROTEINASE TRIARYL-OXY-ARYLOXY-PYRIMIDINE-2,4,6-TRIONE  
[72] REITER, LAWRENCE ALAN, US  
[72] FREEMAN-COOK, KEVIN DANIEL, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-10-21  
[86] 2003-04-15 (PCT/IB2003/001560)  
[87] 2003-11-06 (WO2003/090752)  
[30] US (60/375,990) 2002-04-26

---

[21] **2,484,068**  
[13] A1

[51] Int.Cl. 7E01F 9/016 7G09F 13/16  
[25] EN  
[54] DEVICE AND METHOD FOR SIGN ILLUMINATION  
[54] DISPOSITIF ET PROCEDE POUR UN ECLAIRAGE DE PANNEAU  
[72] MOLVIDSON, ROBERT, SE  
[72] HARTMUTH BODINGER, SE  
[71] MOLVIDSON, ROBERT, SE  
[71] HARTMUTH BODINGER, SE  
[85] 2004-10-25  
[86] 2003-05-16 (PCT/SE2003/000797)  
[87] 2003-11-27 (WO2003/097942)  
[30] SE (0201493-4) 2002-05-17  
[30] SE (0300132-8) 2003-01-21

---

[21] **2,484,070**  
[13] A1

[51] Int.Cl. 7A61K 31/4035 7A61P 31/02  
7C09B 47/04 7A61K 31/195 7C07D 487/22  
[25] EN  
[54] ANTIBACTERIAL COMPOSITIONS COMPRISING METAL PHTHALOCYANINE ANALOGUES  
[54] COMPOSITIONS ANTIBACTERIENNES CONTENANT DES ANALOGUES DE PHTHALOCYANINE DE METAUX  
[72] ROSSOLINI, GIAN MARIA, IT  
[72] JORI, GIULIO, IT  
[72] GIULIANI, FRANCESCO, IT  
[72] RONCUCCI, GABRIO, IT  
[72] DEI, DONATA, IT  
[72] CHITI, GIACOMO, IT  
[72] FANTETTI, LIA, IT  
[71] L. MOLTENI & C. DEI FRATELLI ALITTI SOCIETA' DI ESERCIZIO S.P.A., IT  
[85] 2004-10-25  
[86] 2003-04-17 (PCT/EP2003/004080)  
[87] 2003-11-06 (WO2003/090744)  
[30] EP (02009414.0) 2002-04-25

---

[21] **2,484,071**  
[13] A1

[51] Int.Cl. 7C11D 17/00  
[25] EN  
[54] A MULTI COMPONENT CONTROLLED DELIVERY SYSTEM FOR FABRIC CARE PRODUCTS  
[54] SYSTEME D'APPORT CONTROLE A PLUSIEURS CONSTITUANTS DESTINE A DES PRODUITS D'ENTRETIEN DES TISSUS  
[72] SHEFER, ADI, US  
[72] SHEFER, SAMUEL, US  
[71] SALVONA, L.L.C., US  
[85] 2004-10-22  
[86] 2003-03-19 (PCT/US2003/008366)  
[87] 2003-11-06 (WO2003/091379)  
[30] US (10/133,833) 2002-04-26

---

[21] **2,484,072**  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] APPARATUS FOR DELIVERING ENDOLUMINAL PROSTHESIS AND METHODS FOR PREPARING SUCH APPARATUS FOR DELIVERY  
[54] DISPOSITIF DELIVRANT UNE PROTHESE ENDOLUMINALE, ET PROCEDES RELATIFS A LA PREPARATION DU DISPOSITIF AVANT L'INSERTION  
[72] ROURKE, JONATHAN M., US  
[72] BETELIA, RAINIER, US  
[72] WHITE, DAVID M., US  
[71] ENDOTEX INTERVENTIONAL SYSTEMS, INC., US  
[85] 2004-10-21  
[86] 2003-03-27 (PCT/US2003/009838)  
[87] 2003-11-06 (WO2003/090644)  
[30] US (10/132,063) 2002-04-24

---

[21] **2,484,073**  
[13] A1

[51] Int.Cl. 7A61B 17/064 7A61B 17/068  
[25] EN  
[54] TISSUE FASTENING DEVICES AND PROCESSES THAT PROMOTE TISSUE ADHESION  
[54] DISPOSITIFS DE FIXATION DE TISSUS ET PROCEDES QUI PERMETTENT L'ADHERENCE TISSULAIRE  
[72] SHAW, WILLIAM J., US  
[72] STAHLER, WILLIAM H., US  
[72] WEISENBORN, ALAN, US  
[72] WENDLANDT, JEFFREY M., US  
[72] OTANO-LATA, SUZANA E., US  
[72] DEVRIES, ROBERT B., US  
[72] ADAMS, MARK L., US  
[72] MCBRAYER, MICHAEL S., US  
[72] KORTENBACH, JUERGEN A., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-10-21  
[86] 2003-04-21 (PCT/US2003/010680)  
[87] 2003-11-06 (WO2003/090633)  
[30] US (10/128,508) 2002-04-24

## PCT Applications Entering the National Phase

---

[21] 2,484,074  
[13] A1

[51] Int.Cl. 7A01K 23/00  
[25] EN  
[54] ANIMAL WASTE COLLECTING DEVICE  
[54] DISPOSITIF POUR RECUEILLIR DES DECHETS ANIMAUX  
[72] GAMACHE, RENEE, CA  
[71] GAMACHE, RENEE, CA  
[85] 2004-10-22  
[86] 2003-04-25 (PCT/CA2003/000608)  
[87] 2003-11-06 (WO2003/090524)  
[30] GB (0209400.1) 2002-04-25

---

[21] 2,484,076  
[13] A1

[51] Int.Cl. 7H01R 13/05 7H01R 13/405  
[25] EN  
[54] PLUG BRIDGE COMPRISING A HOLLOW PIN

[54] PONT DE CONNECTEUR ENFICHABLE A TIGE CREUSE  
[72] WAIBLE, THOMAS, DE  
[72] VETTER, JOERG, DE  
[71] TALLER GMBH, DE  
[85] 2004-10-26  
[86] 2003-04-28 (PCT/DE2003/001374)  
[87] 2003-11-06 (WO2003/092123)  
[30] DE (102 18 865.3) 2002-04-26

---

[21] 2,484,085  
[13] A1

[51] Int.Cl. 7F25J 3/00  
[25] EN  
[54] TWIN REFLUX PROCESS AND CONFIGURATIONS FOR IMPROVED NATURAL GAS LIQUIDS RECOVERY  
[54] PROCEDE A DEUX REFLUX ET CONFIGURATIONS DE RECUPERATION DE LIQUIDES GAZEUX NATURELS  
[72] GRAHAM, CURT, US  
[72] CHUNG, WAYNE CHENGWEN, US  
[72] MAK, JOHN, US  
[71] FLUOR CORPORATION, US  
[85] 2004-10-28  
[86] 2002-05-20 (PCT/US2002/016311)  
[87] 2003-12-04 (WO2003/100334)

[21] 2,484,103  
[13] A1

[51] Int.Cl. 7C23C 22/34 7C23C 22/73  
[25] EN  
[54] CONVERSION COATINGS INCLUDING ALKALINE EARTH METAL FLUORIDE COMPLEXES  
[54] REVETEMENTS DE CONVERSION COMPRENANT DES COMPLEXES ALCALINO-TERRREUX DE FLUORURE METALLIQUE  
[72] GREENE, JEFFREY ALLEN, US  
[72] VONK, DONALD ROBB, US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2004-10-27  
[86] 2003-04-29 (PCT/US2003/013258)  
[87] 2003-11-13 (WO2003/093532)  
[30] US (10/134,761) 2002-04-29  
[30] US (60/435,441) 2002-12-20  
[30] US (10/424,302) 2003-04-28

---

[21] 2,484,114  
[13] A1

[51] Int.Cl. 7A61F 5/00  
[25] EN  
[54] HARDENABLE ORTHOPAEDIC SUPPORTS  
[54] SUPPORTS ORTHOPEDIQUES DURCISSABLES  
[72] HENDERSON, WENDY, US  
[72] CORMIER, DAVID C., US  
[72] DOUBLEDAY, WALTER D., US  
[72] CAMPOS, MICHAEL, US  
[72] IGLESIAS, JOSEPH M., US  
[71] ROYCE MEDICAL COMPANY, US  
[85] 2004-10-27  
[86] 2003-04-29 (PCT/US2003/013322)  
[87] 2003-11-13 (WO2003/092540)  
[30] US (10/136,458) 2002-04-29

---

[21] 2,484,121  
[13] A1

[51] Int.Cl. 7C12N 15/13 7C07K 19/00 7C07K 16/24 7A61K 39/395 7G01N 33/53  
[25] EN  
[54] ANTIBODIES THAT SPECIFICALLY BIND TO CHEMOKINE BETA-4  
[54] ANTICORPS A LIAISON SPECIFIQUE AVEC LA CHIMIOKINE BETA-4 (CK-B4)  
[72] ROSEN, CRAIG A., US  
[72] RUBEN, STEVEN M., US  
[71] HUMAN GENOME SCIENCES, INC., US  
[85] 2004-10-27  
[86] 2003-04-30 (PCT/US2003/013414)  
[87] 2003-11-13 (WO2003/092597)  
[30] US (60/376,561) 2002-05-01

---

[21] 2,484,122  
[13] A1

[51] Int.Cl. 7B32B 27/08 7B32B 27/30 7B32B 27/32 7B32B 27/34 7B32B 27/36 7B32B 27/40 7B32B 27/42  
[25] EN  
[54] MULTILAYERED POLYMER BASED THIN FILM STRUCTURE FOR MEDICAL GRADE PRODUCTS  
[54] STRUCTURE MULTICOUCHE A FILMS MINCES A BASE DE POLYMERES POUR PRODUITS DE QUALITE MEDICALE  
[72] SCHAFER, MICHAEL W., US  
[72] NEBGEN, GREGG, US  
[72] ANDERSON, KEITH M. K., US  
[71] BAXTER INTERNATIONAL INC., US  
[85] 2004-10-26  
[86] 2003-03-17 (PCT/US2003/008102)  
[87] 2003-10-02 (WO2003/080333)  
[30] US (10/105,559) 2002-03-21

---

[21] 2,484,125  
[13] A1

[51] Int.Cl. 7H01J 49/42 7G01N 27/64  
[25] EN  
[54] MASS SPECTROMETER  
[54] SPECTROMETRE DE MASSE  
[72] BROWN, JEFFREY MARK, GB  
[72] BATEMAN, ROBERT HAROLD, GB  
[71] MICROMASS UK LIMITED, GB  
[85] 2004-10-26  
[86] 2003-09-03 (PCT/GB2003/003813)  
[87] 2004-03-18 (WO2004/023516)  
[30] GB (0220450.1) 2002-09-03  
[30] US (60/427,557) 2002-11-20

---

[21] 2,484,126  
[13] A1

[51] Int.Cl. 7A01N 31/06 7A01N 27/00 7A01N 25/32  
[25] EN  
[54] NAPHTHALENIC COMPOUNDS AS TERMITIC BAIT TOXICANTS  
[54] COMPOSES NAPHTALENIQUES UTILISES EN TANT QUE SUBSTANCES TOXIQUES POUR APPATS DE TERMITES  
[72] ROJAS, MARIA GUADALUPE, US  
[72] GREEN, FREDERICK III, US  
[72] MORALES-RAMOS, JUAN A., US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE, US  
[85] 2004-10-27  
[86] 2003-04-30 (PCT/US2003/013457)  
[87] 2003-11-13 (WO2003/092375)  
[30] US (10/135,224) 2002-04-30

## Demandes PCT entrant en phase nationale

---

[21] 2,484,130  
[13] A1

[51] Int.Cl. 7G01J 3/427  
[25] EN  
[54] ULTRASENSITIVE SPECTROPHOTOMETER  
[54] SPECTROPHOTOMETRE ULTRASENSIBLE  
[72] LARSEN, DAVID W., US  
[72] XU, ZHI, US  
[72] GARVER, WAYNE, US  
[71] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US  
[85] 2004-10-26  
[86] 2003-04-04 (PCT/US2003/010335)  
[87] 2003-11-13 (WO2003/093776)  
[30] US (10/135,854) 2002-04-29

---

[21] 2,484,134  
[13] A1

[51] Int.Cl. 7C22B 23/00 7C22B 3/08  
[25] EN  
[54] ATMOSPHERIC PRESSURE LEACH PROCESS FOR LATERITIC NICKEL ORE  
[54] PROCEDE DE LIXIVIATION A PRESSION ATMOSPERIQUE DE MINERAIS DE NICKEL LATERITIQUES  
[72] BARNETT, STEVEN, AU  
[72] LEWIS, CORALIE ADELE, AU  
[72] NEUDORF, DAVID, CA  
[72] GILLASPIE, JAMES D., CA  
[72] LIU, HOUYUAN, AU  
[71] QNI TECHNOLOGY PTY LTD, AU  
[85] 2004-10-26  
[86] 2003-03-14 (PCT/AU2003/000309)  
[87] 2003-11-13 (WO2003/093517)  
[30] AU (PS 2019) 2002-04-29

---

[21] 2,484,136  
[13] A1

[51] Int.Cl. 7G06F 15/16  
[25] EN  
[54] METHOD AND SYSTEM FOR TARGETED INTERNET SEARCH ENGINE  
[54] PROCEDE ET SYSTEME POUR MOTEURS DE RECHERCHE INTERNET CIBLES  
[72] GARCIA, JOHANN, S, US  
[72] THOMPSON, TONY O., US  
[72] GRECO, LARRY A., US  
[72] NG, STEVEN, US  
[71] GARCIA, JOHANN, S, US  
[71] THOMPSON, TONY O., US  
[71] GRECO, LARRY A., US  
[71] NG, STEVEN, US  
[85] 2004-11-01  
[86] 2003-05-30 (PCT/US2003/017304)  
[87] 2003-12-11 (WO2003/102738)  
[30] US (60/384,666) 2002-05-31

---

[21] 2,484,138  
[13] A1

[51] Int.Cl. 7F15B 1/04 7F16F 9/096 7F16F 9/32  
[25] EN  
[54] FLUID ACCUMULATOR  
[54] ACCUMULATEUR DE FLUIDE  
[72] VERHAEGHE, JAN, BE  
[71] GROEP STEVENS INTERNATIONAL, NAAMALOZE VENNOOTSCHAP, DE  
[85] 2004-10-26  
[86] 2003-04-30 (PCT/BE2003/000077)  
[87] 2003-11-13 (WO2003/093680)  
[30] BE (2002/0291) 2002-04-30

---

[21] 2,484,142  
[13] A1

[51] Int.Cl. 7B32B 27/20 7B31F 1/10  
[25] EN  
[54] A PACKAGING LAMINATE, A CREASING ROLLER, AS WELL AS A LAYER FOR USE FOR A PACKAGING LAMINATE  
[54] LAMEINE D'EMBALLAGE, ROULEAU DE PLISSAGE ET COUCHE POUR UN LAMEINE D'EMBALLAGE  
[72] KLINT, LOTTA, SE  
[72] JOHANSSON, HANS, SE  
[72] BERGHOLTZ, LARS, SE  
[71] TETRA LAVAL HOLDINGS & FINANCE S.A., CH  
[85] 2004-10-26  
[86] 2003-05-09 (PCT/SE2003/000757)  
[87] 2003-11-20 (WO2003/095198)  
[30] SE (0201419-9) 2002-05-10

---

[21] 2,484,143  
[13] A1

[51] Int.Cl. 7F25B 15/06  
[25] EN  
[54] AN ABSORPTION AIR CONDITIONER BODY  
[54] CORPS DE CLIMATISEUR PAR ABSORPTION  
[72] ZHANG, YUE, CN  
[71] ZHANG, YUE, CN  
[85] 2004-10-25  
[86] 2004-01-05 (PCT/CN2004/000008)  
[87] 2004-09-23 (WO2004/081465)  
[30] CN (03118157.0) 2003-03-11

---

[21] 2,484,148  
[13] A1

[51] Int.Cl. 7C08F 14/06 7C08F 2/42  
[25] EN  
[54] PROCESS FOR CHAIN STOPPING OF PVC POLYMERIZATION  
[54] PROCEDE D'ARRET DE CHAINE DE POLYMERISATION DE POLYCHLORURE DE VINYLE  
[72] PFAENDNER, RUDOLF, DE  
[72] BRAUN, DIETRICH, DE  
[72] WANDEMACHER, THOMAS, DE  
[72] WEGMANN, ALEX, CH  
[71] CIBA SPECIALITY CHEMICALS HOLDING INC., CH  
[85] 2004-10-26  
[86] 2003-04-24 (PCT/EP2003/004260)  
[87] 2003-11-13 (WO2003/093330)  
[30] EP (02 405 355.5) 2002-05-01

---

[21] 2,484,150  
[13] A1

[51] Int.Cl. 7A61M 25/01 7A61M 25/00  
[25] EN  
[54] RADIOPAQUE AND MRI COMPATIBLE CATHETER BRAID  
[54] TRESSE DE CATHETER RADIO-OPAQUE ET COMPATIBLE AVEC L'IRM  
[72] PEPIN, HENRY J., US  
[72] WILLARD, MARTIN R., US  
[72] PU, ZHOU, US  
[72] KAMPA, GREG J., US  
[71] BOSTON SCIENTIFIC LIMITED, BB  
[85] 2004-10-27  
[86] 2003-04-30 (PCT/US2003/013535)  
[87] 2003-11-27 (WO2003/097148)  
[30] US (10/146,980) 2002-05-16

## PCT Applications Entering the National Phase

---

[21] 2,484,156  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/60  
[25] FR  
[54] SYSTEME DE GESTION D'INFORMATIONS INTEGREES DANS UN PROTOCOLE  
[54] SYSTEM FOR MANAGING DATA INTEGRATED IN A PROTOCOL  
[72] VERDOUX, MARTINE, FR  
[72] VADROT, DOMINIQUE, FR  
[71] PATIENT ON LINE, FR  
[85] 2004-10-27  
[86] 2003-04-29 (PCT/FR2003/001349)  
[87] 2003-11-13 (WO2003/094084)  
[30] FR (02/05468) 2002-04-30

---

[21] 2,484,160  
[13] A1

[51] Int.Cl. 7G06F 19/00 7G06F 17/60  
7G06F 17/60  
[25] FR  
[54] SYSTEME DE GESTION D'INFORMATIONS  
[54] DATA MANAGEMENT SYSTEM  
[72] VERDOUX, MARTINE, FR  
[72] VADROT, DOMINIQUE, FR  
[71] PATIENT ON LINE, FR  
[85] 2004-10-27  
[86] 2003-04-29 (PCT/FR2003/001350)  
[87] 2003-11-13 (WO2003/094085)  
[30] FR (02/05469) 2002-04-30

---

[21] 2,484,161  
[13] A1

[51] Int.Cl. 7H02H 9/04 7H02J 7/00  
[25] EN  
[54] POWER SUPPLY  
[54] BLOC D'ALIMENTATION  
[72] HART, STUART, GB  
[72] RUTTER, NICHOLAS ALEXANDER, GB  
[71] FIRE ANGEL LIMITED, GB  
[85] 2004-10-26  
[86] 2002-05-07 (PCT/GB2002/002090)  
[87] 2002-11-14 (WO2002/091542)  
[30] GB (0111107.9) 2001-05-05

---

[21] 2,484,162  
[13] A1

[51] Int.Cl. 7C07D 487/04 7A61P 25/22  
7A61P 25/28 7A61K 31/4188  
[25] EN  
[54] IMIDAZO-TRIAZINE DERIVATIVES AS LIGANDS FOR GABA RECEPTORS  
[54] DERIVES D'IMIDAZO-TRIAZINE UTILISES EN TANT QUE LIGANDS DES RECEPTEURS GABA  
[72] STREET, LESLIE JOSEPH, GB  
[72] RUSSELL, MICHAEL GEOFFREY NEIL, GB  
[72] GOODACRE, SIMON CHARLES, GB  
[72] HALLETT, DAVID JAMES, GB  
[72] BETTATI, MICHELA, GB  
[72] CHAMBERS, MARK STUART, GB  
[71] MERCK SHARP & DOHME LIMITED, GB  
[85] 2004-10-27  
[86] 2003-05-01 (PCT/GB2003/001888)  
[87] 2003-11-13 (WO2003/093272)  
[30] GB (0210124.4) 2002-05-02

---

[21] 2,484,167  
[13] A1

[51] Int.Cl. 7A61F 5/00  
[25] EN  
[54] HARDENABLE ORTHOPAEDIC SUPPORTS  
[54] SUPPORTS ORTHOPEDIQUES DURCISSABLES  
[72] CAMPOS, MICHAEL, US  
[72] LONG, KELLY M., US  
[72] HENDERSON, WENDY, US  
[72] DOUBLEDAY, WALTER, US  
[72] IGLESIAS, JOSEPH, US  
[72] GRIM, TRACY E., US  
[71] ROYCE MEDICAL COMPANY, US  
[85] 2004-10-27  
[86] 2003-04-29 (PCT/US2003/013435)  
[87] 2003-11-13 (WO2003/092541)  
[30] US (10/136,026) 2002-04-29

---

[21] 2,484,169  
[13] A1

[51] Int.Cl. 7C09K 3/14 7B24D 3/04  
7B24D 3/14 7B24D 3/20 7B24D 3/28  
[25] EN  
[54] IMPROVED COATED ABRASIVES  
[54] AMELIORATIONS PORTANT SUR DES ABRASIFS APPLIQUES  
[72] LORENZ, KENNETH, US  
[72] KNAPP, CHRISTOPHER E., CA  
[72] GUISELIN, OLIVIER LEON-MARIE FERNAND, US  
[71] SAINT-GOBAIN ABRASIVES, INC., US  
[85] 2004-10-27  
[86] 2003-03-21 (PCT/US2003/008992)  
[87] 2003-11-27 (WO2003/097762)  
[30] US (10/145,367) 2002-05-14

---

[21] 2,484,170  
[13] A1

[51] Int.Cl. 7A47J 31/40 7A47J 31/42  
[25] EN  
[54] MACHINE FOR PREPARING BEVERAGES  
[54] MACHINE A PREPARER LES BOISSONS  
[72] MAJER DOGLIONI, LUCA, IT  
[71] RHEAVENDORS SPA, IT  
[85] 2004-10-26  
[86] 2003-05-07 (PCT/IB2003/001773)  
[87] 2003-11-20 (WO2003/094681)  
[30] IT (MI2002A000973) 2002-05-09

---

[21] 2,484,171  
[13] A1

[51] Int.Cl. 7D04H 1/56 7D04H 5/06  
7A47L 13/16 7A47L 13/17  
[25] EN  
[54] THREE-DIMENSIONAL COFORM NONWOVEN WEB  
[54] VOILE NON TISSE COMPOSITE TRIDIMENSIONNEL  
[72] HARRIS, CHARLENE BENDU, US  
[72] FRAZIER, NINA, US  
[72] KECK, LAURA ELIZABETH, US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[85] 2004-10-27  
[86] 2003-04-22 (PCT/US2003/012343)  
[87] 2003-11-20 (WO2003/095731)  
[30] US (60/379,664) 2002-05-10  
[30] US (10/314,720) 2002-12-09

---

## Demandes PCT entrant en phase nationale

---

[21] 2,484,172  
[13] A1

[51] Int.Cl. 7H01H 1/50 7H01H 50/56  
[25] EN  
[54] CONTACT-POINT DEVICE  
[54] DISPOSITIF DE POINT DE CONTACT  
[72] UOTOME, RIICHI, JP  
[72] YAMAMOTO, RITSU, JP  
[72] YOKOYAMA, KOUJI, JP  
[71] MATSUSHITA ELECTRIC WORKS, LTD., JP  
[85] 2004-10-25  
[86] 2004-02-27 (PCT/JP2004/002455)  
[87] 2004-09-10 (WO2004/077472)  
[30] JP (2003-054149) 2003-02-28  
[30] JP (2003-054150) 2003-02-28

[21] 2,484,174  
[13] A1

[51] Int.Cl. 7B29C 70/44  
[25] EN  
[54] CONTROLLED ATMOSPHERIC PRESSURE RESIN INFUSION PROCESS  
[54] PROCEDE D'INFUSION DE RESINE SOUS PRESSION ATMOSPHERIQUE REGULEE  
[72] WOODS, JACK A., US  
[72] HANKS, DENNIS J., US  
[72] HAWKINS, ROBERT D., US  
[72] MODIN, ANDREW E., US  
[71] THE BOEING COMPANY, US  
[85] 2004-10-27  
[86] 2003-05-28 (PCT/US2003/016794)  
[87] 2003-12-11 (WO2003/101708)  
[30] US (60/384,154) 2002-05-29

[21] 2,484,175  
[13] A1

[51] Int.Cl. 7B63B 35/68 7B63B 35/00  
[25] EN  
[54] VESSEL  
[54] BATEAU  
[72] BERGET, JOHN ARVE, NO  
[71] WINCH BOLLARD AS, NO  
[85] 2004-10-25  
[86] 2003-04-25 (PCT/NO2003/000136)  
[87] 2003-11-06 (WO2003/091093)  
[30] NO (20021944) 2002-04-25

[21] 2,484,178  
[13] A1

[51] Int.Cl. 7A01N 65/00 7A01N 27/00  
7A01N 25/02 7A01N 43/04  
[25] EN  
[54] COMPOSITION CONTAINING CITRONELLA JAVA OIL AND USE THEREOF FOR REPELLING INSECTS  
[54] COMPOSITION CONTENANT DE L'ESSENCE DE CITRONNELLE DE JAVA ET SON UTILISATION POUR REPOUSSER LES INSECTES  
[72] BENCSITS, FRANZ, AT  
[71] FULLTEC AG, CH  
[85] 2004-10-28  
[86] 2003-04-15 (PCT/EP2003/003944)  
[87] 2003-11-13 (WO2003/092383)  
[30] DE (102 19 109.3) 2002-04-29

[21] 2,484,180  
[13] A1

[51] Int.Cl. 7B25H 1/00 7B23B 49/00  
7G01V 3/08  
[25] EN  
[54] MAGNETIC INDEXER FOR HIGH ACCURACY HOLE DRILLING  
[54] DISPOSITIF MAGNETIQUE D'INDEXAGE POUR LE PERCAGE DE TROUS DE GRANDE PRECISION  
[72] HAFENRICHTER, JOSEPH L., US  
[72] REMPT, RAYMOND D., US  
[72] CLARK, GREGORY L., US  
[72] GEORGESON, GARY E., US  
[71] THE BOEING COMPANY, US  
[85] 2004-10-27  
[86] 2003-04-29 (PCT/US2003/013213)  
[87] 2003-11-20 (WO2003/095154)  
[30] US (10/143,242) 2002-05-09

[21] 2,484,181  
[13] A1

[51] Int.Cl. 7C03C 17/36 7E06B 3/66  
[25] EN  
[54] SUBSTRATE HAVING THERMAL MANAGEMENT COATING FOR AN INSULATING GLASS UNIT  
[54] SUBSTRAT PRESENTANT UN REVETEMENT DE GESTION THERMIQUE POUR UNE UNITE DE VITRAGE ISOLANT  
[72] MEDWICK, PAUL A., US  
[72] O'SHAUGHNESSY, DENNIS J., US  
[72] WAGNER, ANDREW V., US  
[71] PPG INDUSTRIES OHIO, INC., US  
[85] 2004-10-28  
[86] 2003-05-02 (PCT/US2003/014027)  
[87] 2003-11-13 (WO2003/093188)  
[30] US (60/377,783) 2002-05-03  
[30] US (10/428,481) 2003-05-02

[21] 2,484,183  
[13] A1

[51] Int.Cl. 7A01N 25/10  
[25] EN  
[54] METHODS AND COMPOSITIONS FOR TREATING ECTOPARASITE INFESTATION  
[54] METHODES DE TRAITEMENT D'UNE INFESTATION PAR DES ECTOPARASITES ET COMPOSITIONS A CET EFFET  
[72] PALMA, KATHLEEN G., US  
[72] PAULSEN, NEIL E., US  
[72] CAMPBELL, WILLIAM R., US  
[71] PIEDMONT PHARMACEUTICALS, LLC, US  
[85] 2004-10-28  
[86] 2003-04-14 (PCT/US2003/011527)  
[87] 2003-11-13 (WO2003/092583)  
[30] US (10/136,075) 2002-04-29

[21] 2,484,188  
[13] A1

[51] Int.Cl. 7C07D 249/06 7C07D 403/04  
7C07D 401/06 7C07D 403/06 7C07D 413/06 7C07D 401/14 7C07D 405/14 7C07D 413/14 7A61K 31/4192 7A61K 31/422 7A61K 31/4439 7A61K 31/4523 7A61K 31/496 7A61K 31/497 7A61K 31/501  
[25] EN  
[54] TACHYKININ RECEPTOR ANTAGONISTS  
[54] ANTAGONISTES DU RECEPTEUR TACHYKININE  
[72] GARDINIER, KEVIN MATTHEW, US  
[72] AMEGADZIE, ALBERT KUDZOVI, US  
[72] HEMBRE, ERIK JAMES, US  
[72] HONG, JIAN ERIC, US  
[72] JUNGHEIM, LOUIS NICKOLAUS, US  
[72] REMICK, DAVID MICHAEL, US  
[72] MUEHL, BRIAN STEPHEN, US  
[72] ROBERTSON, MICHAEL ALAN, US  
[72] SAVIN, KENNETH ALLEN, US  
[71] ELI LILLY AND COMPANY, US  
[85] 2004-10-26  
[86] 2003-04-22 (PCT/US2003/010682)  
[87] 2003-11-06 (WO2003/091227)  
[30] US (60/376,121) 2002-04-26  
[30] US (60/440,865) 2003-01-16

## PCT Applications Entering the National Phase

---

[21] 2,484,189

[13] A1

[51] Int.Cl. 7A61K 31/336 7C07K 2/00  
7C07D 303/02 7A61K 38/02 7C07K 7/06  
7A61K 38/07 7A61K 38/08 7C07K 5/10  
[25] EN  
[54] METHIONINE  
AMINOPEPTIDASE-2 INHIBITORS  
AND METHODS OF USE THEREOF  
[54] INHIBITEURS DE METHIONINE  
AMINOPEPTIDASE-2 ET PROCEDES  
D'UTILISATION DE CEUX-CI  
[72] COOK, CHARLES MICHAEL, US  
[72] LEE, LILY, US  
[72] ARICO-MUENDEL, CHRISTOPHER  
C., US  
[72] BIRKTOPF, JENS, US  
[72] MORGAN, BARRY, US  
[72] OLSON, GARY L., US  
[72] SELF, CHRISTOPHER, US  
[71] PRAECIS PHARMACEUTICALS,  
INC., US  
[85] 2004-10-28  
[86] 2003-05-02 (PCT/US2003/013623)  
[87] 2003-11-13 (WO2003/092608)  
[30] US (10/138,935) 2002-05-02

[21] 2,484,191

[13] A1

[51] Int.Cl. 7C08L 67/06 7C09D 167/06  
[25] EN  
[54] LOW-HAP AND ZERO-HAP  
POLYESTER SYSTEMS AND  
ARTICLES  
[54] SYSTEMES DE RESINE  
POLYESTER A FAIBLE TENEUR ET A  
TENEUR NULLE EN POLLUANTS  
ATMOSPHERIQUES DANGEREUX ET  
ARTICLES PREPARES AU MOYEN DE  
CES SYSTEMES  
[72] ROBERTSON, BRIAN A., CA  
[71] VALSPAR SOURCING, INC., US  
[85] 2004-10-27  
[86] 2003-05-27 (PCT/US2003/016658)  
[87] 2003-12-11 (WO2003/101918)  
[30] US (60/384,753) 2002-05-29

[21] 2,484,192

[13] A1

[51] Int.Cl. 7A61K 35/84 7A61K 31/35  
[25] EN  
[54] FORMULATION OF A MIXTURE  
OF FREE-B-RING FLAVONOIDS AND  
FLAVANS AS A THERAPEUTIC AGENT  
[54] FORMULATION POUR UN  
MELANGE DE FLAVONOIDES ET DE  
FLAVANES SANS NOYAU B UTILISE  
COMME AGENT THERAPEUTIQUE  
[72] JIA, QI, US  
[71] UNIGEN PHARMACEUTICALS,  
INC., US  
[85] 2004-10-26  
[86] 2003-04-30 (PCT/US2003/013463)  
[87] 2003-11-13 (WO2003/092599)  
[30] US (60/377,168) 2002-04-30

[21] 2,484,193

[13] A1

[51] Int.Cl. 7A61N 1/39  
[25] EN  
[54] COMBINED ANTI-TACHYCARDIA  
PACING (ATP) AND HIGH VOLTAGE  
THERAPY FOR TREATING  
VENTRICULAR ARRHYTHMIAS  
[54] THERAPIE COMBINEE  
D'IMPULSIONS DE STIMULATION  
ANTI-TACHYCARDIQUE (ATP) ET DE  
TENSIONS ELEVEES POUR LE  
TRAITEMENT D'ARYTHMIAS  
VENTRICULAIRES  
[72] OLSON, WALTER H., US  
[72] SHARMA, VINOD, US  
[72] KRAUSE, PAUL G., US  
[72] KASZAS, CAMERON J., US  
[72] PADMANABHAN, VASANT, US  
[72] OUSDIGIAN, KEVIN T., US  
[72] DEGROOT, PAUL J., US  
[71] MEDTRONIC, INC., US  
[85] 2004-10-28  
[86] 2003-03-10 (PCT/US2003/007373)  
[87] 2003-11-13 (WO2003/092792)  
[30] US (10/137,517) 2002-04-30

[21] 2,484,194

[13] A1

[51] Int.Cl. 7H04B 1/40 7H03L 7/18  
7H04B 7/26  
[25] EN  
[54] FREQUENCY SYNTHESIZERS  
FOR SUPPORTING VOICE  
COMMUNICATION AND WIRELESS  
NETWORKING STANDARDS  
[54] SYNTETISEURS DE  
FREQUENCE POUR SUPPORTER DES  
STANDARDS DE COMMUNICATION  
DE DONNEES VOCALES ET DES  
STANDARDS DE RESEAUX SANS FIL  
[72] FILIPOVIC, DANIEL F., US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-10-28  
[86] 2003-05-01 (PCT/US2003/013710)  
[87] 2003-11-13 (WO2003/094377)  
[30] US (10/137,101) 2002-05-01

[21] 2,484,195

[13] A1

[51] Int.Cl. 7A61J 1/00 7A61B 5/15  
7A61M 1/34  
[25] EN  
[54] APPARATUS AND METHOD FOR  
DETECTING BACTERIA IN BLOOD  
PRODUCTS  
[54] APPAREIL ET PROCEDE DE  
DETECTION DE BACTERIES DANS  
DES PRODUITS SANGUINS  
[72] MANICA, KEITH, US  
[72] GOODRICH, TAY, US  
[72] BAINBRIDGE, MARLENE ADELE,  
US  
[72] DUMONT, LARRY JOE, US  
[71] GAMBRO, INC., US  
[85] 2004-10-26  
[86] 2003-05-02 (PCT/US2003/013877)  
[87] 2003-11-13 (WO2003/092573)  
[30] US (60/377,754) 2002-05-03

## Demandes PCT entrant en phase nationale

---

**[21] 2,484,196**  
[13] A1

[51] Int.Cl. 7B65H 45/08 7B65H 23/02  
**7B65H 45/22**  
[25] EN  
[54] ADJUSTABLE, SELF-CORRECTING WEB SUBSTRATE FOLDING SYSTEM  
[54] SYSTEME DE PLIAGE REGLABLE ET A AUTOCORRECTION D'UN SUBSTRAT SOUS FORME DE BANDE CONTINUE  
[72] HARNISH, DAVID ALAN, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-28  
[86] 2003-05-08 (PCT/US2003/014347)  
[87] 2003-11-20 (WO2003/095349)  
[30] US (10/143,209) 2002-05-10

**[21] 2,484,197**  
[13] A1

[51] Int.Cl. 7A61F 2/06  
[25] EN  
[54] ENDOPROSTHESIS HAVING FOOT EXTENSIONS  
[54] ENDOPTHESE PRESENTANT DES EXTENSIONS FORMANT EMBASES  
[72] ELI, ERIK, US  
[72] CLIFFORD, ANTON G., US  
[72] HUANG, HOWARD H., US  
[72] PAPPAS, JEFF M., US  
[72] KANG, KEVIN, US  
[72] LOWE, DAVID L., US  
[71] ABBOTT LABORATORIES, US  
[85] 2004-10-28  
[86] 2003-05-06 (PCT/US2003/014167)  
[87] 2003-11-20 (WO2003/094798)  
[30] US (60/379,593) 2002-05-08  
[30] US (60/378,346) 2002-05-08

**[21] 2,484,202**  
[13] A1

[51] Int.Cl. 7E01D 19/00 7E01D 22/00  
**7F16F 7/12**  
[25] FR  
[54] PROCEDE DE PROTECTION D'OUVRAGES D'ART AVEC CABLES DE PRECONTRAINTE  
[54] METHOD FOR PROTECTING WORKS OF ART WITH PRESTRESSING TENSIONED CABLES  
[72] BREVET, PIERRE, FR  
[72] DANNAWI, MARWAN, FR  
[71] ECOLE CENTRALE DE NANTES, FR  
[71] LABORATOIRE CENTRAL DES PONTS ET CHAUSSEES, FR  
[85] 2004-10-27  
[86] 2003-04-29 (PCT/FR2003/001351)  
[87] 2003-11-13 (WO2003/093581)  
[30] FR (02/05353) 2002-04-29

**[21] 2,484,204**  
[13] A1

[51] Int.Cl. 7F04F 9/08  
[25] EN  
[54] METHODS AND APPARATUS FOR CONTROLLING POWER IN VAPOR JET VACUUM PUMPS  
[54] PROCEDES ET APPAREIL DE REGULATION DE L'ALIMENTATION DE POMPES A VIDE A JET DE VAPEUR  
[72] HABLANIAN, MARSBED, US  
[71] VARIAN, INC., US  
[85] 2004-10-28  
[86] 2003-04-04 (PCT/US2003/010373)  
[87] 2003-11-13 (WO2003/093679)  
[30] US (10/134,540) 2002-04-29

**[21] 2,484,205**  
[13] A1

[51] Int.Cl. 7C08B 37/00  
[25] EN  
[54] A CATIONIC POLYMER COMPOSITION AND ITS USE IN CONDITIONING APPLICATIONS  
[54] COMPOSITION POLYMERIQUE CATIONIQUE ET SON UTILISATION DANS DES APPLICATIONS DE CONDITIONNEMENT  
[72] MODI, JASHAWANT J., US  
[72] XU, ZU-FENG, US  
[72] WHEELER, CHARLES R., JR., US  
[72] ERAZO-MAJEWICZ, PAQUITA, US  
[71] HERCULES INCORPORATED, US  
[85] 2004-10-21  
[86] 2003-04-10 (PCT/US2003/011271)  
[87] 2003-11-20 (WO2003/095497)  
[30] US (10/139,858) 2002-05-06

**[21] 2,484,207**  
[13] A1

[51] Int.Cl. 7D06F 43/08 7D06L 1/10  
[25] EN  
[54] CLEANING SYSTEM CONTAINING A SOLVENT FILTRATION DEVICE AND METHOD FOR USING THE SAME  
[54] SYSTEME DE NETTOYAGE RENFERMANT UN DISPOSITIF DE FILTRATION DE SOLVANT ET PROCEDE D'UTILISATION ASSOCIE  
[72] SCHEPER, WILLIAM MICHAEL, US  
[72] BURTON, DEWEY EDWARD, US  
[72] POWELL, SCOTT EDWARD, US  
[72] FRANCE, PAUL AMAAT RAYMOND GERALD, US  
[72] RADOMYSLSKI, ARSENI VALEREVICH, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-10-28  
[86] 2003-05-02 (PCT/US2003/013789)  
[87] 2003-11-13 (WO2003/093563)  
[30] US (60/377,140) 2002-05-02  
[30] US (60/400,274) 2002-07-31

**[21] 2,484,208**  
[13] A1

[51] Int.Cl. 7B01D 27/08  
[25] EN  
[54] CARTRIDGE FILTER INCLUDING IMPROVED SEAL ARRANGEMENT AND METHODS  
[54] FILTRE A CARTOUCHE COMPORANT UN DISPOSITIF D'ETANCHEITE AMELIORE, ET PROCEDES ASSOCIES  
[72] DURRE, REYNOLD F., US  
[71] DONALD COMPANY, INC., US  
[85] 2004-10-22  
[86] 2003-04-14 (PCT/US2003/011600)  
[87] 2003-11-06 (WO2003/090896)  
[30] US (10/132,982) 2002-04-26

## PCT Applications Entering the National Phase

---

[21] 2,484,209

[13] A1

[51] Int.Cl. 7A61K 31/4965 7C07D 401/04  
7C07D 405/04 7C07D 413/04 7C07D 401/  
06 7C07D 401/12 7C07D 413/14 7C07D  
241/28 7A61K 31/497 7A61K 31/55  
[25] EN  
[54] PROTEIN KINASE MODULATORS  
AND METHODS OF USE  
[54] MODULATEURS DE PROTEINE  
KINASE ET PROCEDES  
D'UTILISATION  
[72] BUHR, CHRIS A., US  
[72] BAIK, TAE-GON, US  
[72] PETO, CSABA J., US  
[72] RICE, KENNETH D., US  
[72] IBRAHIM, MOHAMED  
ABDULKADER, US  
[72] MA, SUNGHOON, US  
[72] TESFAI, ZEROM, US  
[72] SCHNEPP, KEVIN LUKE, US  
[72] MANN, LARY WAYNE, US  
[72] TAKEUCHI, CRAIG STACY, US  
[72] TSANG, TSZE H., US  
[72] NUSS, JOHN M., US  
[72] CO, ERICK WANG, US  
[72] WANG, LONGCHENG, US  
[72] DUBENKO, LARISA, US  
[72] MANN, GRACE, US  
[72] CHEN, BAILI, US  
[72] ANAND, NEEL KUMAR, US  
[72] FORSYTH, THIMOTHY PATRICK,  
US  
[72] DALRYMPLE, LISA ESTHER, US  
[72] KENNEDY, ABIGAIL R., US  
[72] HUYNH, TAI PHAT, US  
[72] SHI, XIAN, US  
[72] LEAHY, JAMES WILLIAM, US  
[72] CHEN, JEFF, US  
[72] EPSHTEYN, SERGEY, US  
[71] EXELIXIS INC., US  
[85] 2004-11-01  
[86] 2003-05-02 (PCT/US2003/013869)  
[87] 2003-11-13 (WO2003/093297)  
[30] US (60/377,933) 2002-05-03

[21] 2,484,212

[13] A1

[51] Int.Cl. 7B01D 9/00  
[25] EN  
[54] CRYSTALLIZATION SYSTEM  
UTILIZING ATOMIZATION  
[54] SYSTEME DE CRISTALLISATION  
UTILISANT L'ATOMISATION  
[72] GLEESON, MARGARET M., US  
[72] WEI, CHENKOU, US  
[72] AKITI, OTUTE, US  
[71] BRISTOL MYERS SQUIBB  
COMPANY, US  
[85] 2004-10-22  
[86] 2003-04-21 (PCT/US2003/012312)  
[87] 2003-11-13 (WO2003/092852)  
[30] US (60/376,414) 2002-04-29  
[30] US (60/439,066) 2003-01-09

[21] 2,484,215

[13] A1

[51] Int.Cl. 7G01N 33/48  
[25] EN  
[54] SAMPLE WITHDRAWAL AND  
DISPENSING DEVICE  
[54] DISPOSITIF DE DISTRIBUTION ET  
DE RETRAIT D'ECHANTILLON  
[72] HIGGINSON, BRENT FARNES, US  
[72] RIRIE, KIRK MAX, US  
[72] BIRD, ABIGAIL, US  
[71] IDAHO TECHNOLOGY INC., US  
[85] 2004-10-21  
[86] 2003-04-23 (PCT/US2003/012688)  
[87] 2004-01-15 (WO2004/004904)  
[30] US (60/374,730) 2002-04-23

[21] 2,484,217

[13] A1

[51] Int.Cl. 7C07D 221/20 7A61P 25/00  
7A61K 31/4523 7C07D 211/96  
[25] EN  
[54] MUSCARINIC ANTAGONISTS  
[54] ANTAGONISTES  
MUSCARINIQUES  
[72] CHACKALAMANNIL, SAMUEL, US  
[72] GREENLEE, WILLIAM J., US  
[72] BOYLE, CRAIG D., US  
[71] SCHERING CORPORATION, US  
[85] 2004-10-22  
[86] 2003-04-24 (PCT/US2003/012694)  
[87] 2003-11-06 (WO2003/091220)  
[30] US (60/376,093) 2002-04-26

[21] 2,484,223

[13] A1

[51] Int.Cl. 7C12N 15/867 7A61K 48/00  
7A61K 35/14 7A61K 38/18  
[25] EN  
[54] USE OF HUMAN NEURAL STEM  
CELLS SECRETING GDNF FOR  
TREATMENT OF PARKINSON'S AND  
OTHER NEURODEGENERATIVE  
DISEASES  
[54] UTILISATION DE CELLULES  
SOUCHE NEURONALES HUMAINES  
SECRETANT GDNF AUX FINS DU  
TRAITEMENT DE LA MALADIE DE  
PARKINSON ET D'AUTRES MALADIES  
NEURODEGENERATIVES  
[72] SVENSEN, CLIVE N., US  
[71] WISCONSIN ALUMNI RESEARCH  
FOUNDATION, US  
[85] 2004-10-22  
[86] 2003-04-25 (PCT/US2003/012854)  
[87] 2003-11-06 (WO2003/090689)  
[30] US (60/375,587) 2002-04-25

## Demandes PCT entrant en phase nationale

---

[21] 2,484,225  
[13] A1

[51] Int.Cl. 7G01N 35/02  
[25] EN  
[54] METHOD OF PROVIDING ASSAY PROCESSING IN A MULTI-ANALYZER SYSTEM  
[54] PROCEDE DE REALISATION DE TRAITEMENT DANS UN SYSTEME A ANALYSEURS MULTIPLES  
[72] THOMPSON, DAVID RUSSELL, US  
[72] DEVLIN, WILLIAM JACKSON, US  
[71] DADE BEHRING INC., US  
[85] 2004-10-21  
[86] 2003-04-26 (PCT/US2003/012900)  
[87] 2003-11-13 (WO2003/093833)  
[30] US (60/376,256) 2002-04-29  
[30] US (10/373,297) 2003-02-24

---

[21] 2,484,227  
[13] A1

[51] Int.Cl. 7H01L 27/02  
[25] EN  
[54] LOW INPUT CAPACITANCE ELECTROSTATIC DISCHARGE PROTECTION CIRCUIT UTILIZING FEEDBACK  
[54] CIRCUIT DE PROTECTION CONTRE LES DECHARGES ELECTROSTATIQUES A FAIBLE CAPACITE D'ENTREE UTILISANT UN SIGNAL DE RETROACTION  
[72] MAY, JAMES T., US  
[72] TYLER, LARRY E., US  
[71] MEDTRONIC, INC., US  
[85] 2004-10-21  
[86] 2003-04-24 (PCT/US2003/012986)  
[87] 2003-11-06 (WO2003/092074)  
[30] US (10/132,756) 2002-04-25

[21] 2,484,228  
[13] A1

[51] Int.Cl. 7H04L 12/28 7H04B 7/216  
7H04Q 7/24  
[25] EN  
[54] A SYSTEM AND METHOD FOR USING AN AD-HOC ROUTING ALGORITHM BASED ON ACTIVITY DETECTION IN AN AD-HOC NETWORK  
[54] SYSTEME ET PROCEDE D'UTILISATION D'UN ALGORITHME D'ACHEMINEMENT AD HOC REPOSANT SUR LA DETECTION DE L'ACTIVITE D'UN RESEAU  
[72] STANFORTH, PETER J., US  
[72] WHITE, ERIC D., US  
[72] WHITEHILL, ERIC A., US  
[71] MESHNETWORKS, INC., US  
[85] 2004-10-22  
[86] 2003-04-29 (PCT/US2003/013347)  
[87] 2003-11-27 (WO2003/098814)  
[30] US (10/135,437) 2002-05-01

---

[21] 2,484,229  
[13] A1

[51] Int.Cl. 7C08J 5/18 7C11D 17/04  
7C08G 69/40  
[25] EN  
[54] PACKAGING AND CONTAINERS MADE OF WATER-SOLUBLE POLYAMIDES AND PROCESSES FOR THEIR MANUFACTURE  
[54] EMBALLAGE ET CONTENEURS FABRIQUES A PARTIR DE POLYAMIDES SOLUBLES DANS L'EAU ET PROCEDES DE FABRICATION DE CEUX-CI  
[72] PAGILAGAN, ROLANDO UMALI, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-10-21  
[86] 2003-05-14 (PCT/US2003/015106)  
[87] 2003-11-27 (WO2003/097723)  
[30] US (60/380,380) 2002-05-14

[21] 2,484,230  
[13] A1

[51] Int.Cl. 7C08L 77/06 7C09D 177/06  
7C08G 69/40  
[25] EN  
[54] CROSS-LINKABLE POLYAMIDE COMPOSITIONS FOR COATING APPLICATIONS, PROCESSES USING SUCH COMPOSITIONS, AND ARTICLES MADE THEREFROM  
[54] COMPOSITIONS DE POLYAMIDE RETICULABLES DESTINEES A DES APPLICATIONS DE REVETEMENT, PROCEDES D'UTILISATION DE CES COMPOSITIONS, ET ARTICLES FABRIQUES A PARTIR DE CELLES-CI  
[72] PAGILAGAN, ROLANDO UMALI, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-10-21  
[86] 2003-05-14 (PCT/US2003/015108)  
[87] 2003-11-27 (WO2003/097744)  
[30] US (60/380,378) 2002-05-14

---

[21] 2,484,231  
[13] A1

[51] Int.Cl. 7B32B 17/10 7B32B 27/06  
[25] EN  
[54] LAMINATED STRUCTURES WITH SUPERIOR IMPACT RESISTANCE AND PROCESS FOR MAKING SAME  
[54] STRUCTURES STRATIFIEES AYANT UNE RESISTANCE ELEVEE AUX CHOCS ET PROCEDE DE FABRICATION DESDITES STRUCTURES  
[72] SMITH, C. ANTHONY, US  
[72] WONG, BERT C., US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 2004-10-21  
[86] 2003-05-15 (PCT/US2003/016535)  
[87] 2003-11-27 (WO2003/097347)  
[30] US (60/381,494) 2002-05-16

## PCT Applications Entering the National Phase

---

**[21] 2,484,232**  
[13] A1

[51] Int.Cl. 7H04Q 7/20  
[25] EN  
[54] SYSTEM AND METHODS FOR REDUCING SATELLITE FEEDER LINK BANDWITH/CARRIERS IN CELLULAR SYSTEMS  
[54] SYSTEMES ET PROCEDES DE REDUCTION DE LA LARGEUR DE BANDE/ DES PORTEUSES DES LIAISONS DE CONNEXION PAR SATELLITES DANS DES SYSTEMES PAR SATELLITES CELLULAIRES  
[72] KARABINIS, PETER D., US  
[71] MOBILE SATELLITE VENTURES, LP, US  
[85] 2004-10-21  
[86] 2003-05-28 (PCT/US2003/017614)  
[87] 2003-12-04 (WO2003/101129)  
[30] US (60/383,688) 2002-05-28  
[30] US (10/328,062) 2002-12-23

---

**[21] 2,484,235**  
[13] A1

[51] Int.Cl. 7F16L 37/36  
[25] EN  
[54] CONNECTION COUPLING  
[54] COUPLAGE DE CONNEXION  
[72] WEH, ERWIN, DE  
[72] WEH, WOLFGANG, DE  
[71] WEH, ERWIN, DE  
[71] WEH, WOLFGANG, DE  
[85] 2004-10-28  
[86] 2003-03-01 (PCT/EP2003/002110)  
[87] 2003-09-12 (WO2003/074309)  
[30] DE (202 03 248.5) 2002-03-02

---

**[21] 2,484,236**  
[13] A1

[51] Int.Cl. 7B67D 5/37 7F16L 37/44  
[25] EN  
[54] CONNECTIVE COUPLING A DATA INTERFACE  
[54] RACCORD AVEC INTERFACE DE DONNEES  
[72] WEH, WOLFGANG, DE  
[72] WEH, ERWIN, DE  
[71] WEH, WOLFGANG, DE  
[71] WEH, ERWIN, DE  
[85] 2004-10-28  
[86] 2003-03-01 (PCT/EP2003/002113)  
[87] 2003-09-12 (WO2003/074417)  
[30] DE (202 03 247.7) 2002-03-02

---

**[21] 2,484,237**  
[13] A1

[51] Int.Cl. 7H01M 8/14 7H01M 8/02  
[25] EN  
[54] MOLTEN CARBONATE FUEL CELL AND METHOD FOR PRODUCTION THEREOF  
[54] PILE A COMBUSTIBLE ET PROCEDE DE PRODUCTION DE LADITE PILE  
[72] STEINFORT, MARC, DE  
[72] BEDNARZ, MARC, DE  
[71] MTU CFC SOLUTIONS GMBH, DE  
[85] 2004-10-28  
[86] 2003-04-23 (PCT/EP2003/004194)  
[87] 2003-11-13 (WO2003/094264)  
[30] DE (102 19 456.4) 2002-04-30

---

**[21] 2,484,238**  
[13] A1

[51] Int.Cl. 7A61K 31/403 7A61P 1/04  
[25] EN  
[54] ANNELATED PYRROLE COMPOUNDS AS PROTON PUMP INHIBITORS FOR TREATING ULCER  
[54] COMPOSES DE PYRROLE ANNELES EN TANT QU'INHIBITEURS DE LA POMPE A PROTONS POUR TRAITER L'ULCERE  
[72] GUPTA, SANDEEP, US  
[72] HAMMOND, CHARLES, E., US  
[72] SMOLKA, ADAMS, J., US  
[71] MERCKLE GMBH, DE  
[85] 2004-10-28  
[86] 2003-05-16 (PCT/EP2003/005171)  
[87] 2003-11-27 (WO2003/097041)  
[30] EP (02011081.3) 2002-05-17  
[30] US (60/380,928) 2002-05-17

---

**[21] 2,484,253**  
[13] A1

[51] Int.Cl. 7H04L 12/28 7H04N 1/00 7H04L 12/66  
[25] EN  
[54] METHOD AND DEVICE FOR MODEM RELAY TERMINATION  
[54] PROCEDE ET DISPOSITIF DE TERMINAISON DE RELAIS MODEM  
[72] GROVE, VINCENT T., US  
[72] GARAKANI, MEHRYAR K., US  
[72] WILDFEULER, HERBERT M., US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-11-01  
[86] 2003-05-09 (PCT/US2003/014425)  
[87] 2003-11-20 (WO2003/096629)  
[30] US (10/143,998) 2002-05-10

---

**[21] 2,484,255**  
[13] A1

[51] Int.Cl. 7H04L 12/66 7H04L 29/06  
[25] EN  
[54] DEVICE FOR MODEM RELAY CHANNEL TERMINATION  
[54] DISPOSITIF DESTINE A UNE TERMINAISON DE CANAL D'UN RELAIS DE MODEM  
[72] GROVE, VINCENT T., US  
[72] BOYNTON, SCOTT ANTHONY, US  
[72] WILDFEULER, HERBERT M., US  
[72] JUHLIN, BRUCE D., US  
[72] GARAKANI, MEHRYAR K., US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-11-01  
[86] 2003-05-09 (PCT/US2003/014426)  
[87] 2003-11-20 (WO2003/096642)  
[30] US (10/144,154) 2002-05-10

---

**[21] 2,484,260**  
[13] A1

[51] Int.Cl. 7H04M 11/06 7H04L 12/46  
[25] EN  
[54] DEVICE TO TERMINATE A MODEM RELAY CHANNEL DIRECTLY TO AN IP NETWORK  
[54] DISPOSITIF POUR FAIRE ABOUTIR UNE VOIE DE RELAIS DE MODEM DIRECTEMENT DANS UN RESEAU IP  
[72] GARAKANI, MEHRYAR K., US  
[72] GROVE, VINCENT T., US  
[72] BOYNTON, SCOTT ANTHONY, US  
[72] JUHLIN, BRUCE D., US  
[72] WILDFEULER, HERBERT M., US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-11-01  
[86] 2003-05-09 (PCT/US2003/014418)  
[87] 2003-11-20 (WO2003/096666)  
[30] US (10/144,423) 2002-05-10

---

**[21] 2,484,262**  
[13] A1

[51] Int.Cl. 7F02K 9/84  
[25] EN  
[54] SWIVELLING NOZZLE FOR A ROCKET ENGINE  
[54] TUYERE ORIENTABLE POUR MOTEUR FUSEE  
[72] BIZ, PHILIPPE, FR  
[72] DUMORTIER, ANDRE, FR  
[72] HERVIO, ANTOINE, FR  
[72] BERDOYES, MICHEL, FR  
[71] SNECMA PROPULSION SOLIDE, FR  
[85] 2004-10-28  
[86] 2003-07-03 (PCT/FR2003/002067)  
[87] 2004-01-15 (WO2004/005690)  
[30] FR (02/08370) 2002-07-04

## Demandes PCT entrant en phase nationale

---

[21] 2,484,263  
[13] A1

[51] Int.Cl. 7B22C 1/02  
[25] EN  
[54] CORE MATERIAL  
[54] MATIERE POUR NOYAU DE COULEE  
[72] SCHREY, ALEXANDER, DE  
[72] WOLF, GOTTHARD, DE  
[72] RIETZSCHER, ROLF, DE  
[71] GEORG FISCHER GMBH & CO.KG, DE  
[85] 2004-10-26  
[86] 2003-04-19 (PCT/EP2003/004107)  
[87] 2003-12-31 (WO2004/000484)  
[30] DE (102 27 512.2) 2002-06-19

---

[21] 2,484,265  
[13] A1

[51] Int.Cl. 7A61M 1/00  
[25] EN  
[54] METHOD AND DEVICE FOR CONTROLLING DRUG PHARMACOKINETICS  
[54] METHODE ET DISPOSITIF DE CONTROLE PHARMACOCINETIQUE DE MEDICAMENTS  
[72] GINSBERG, BARRY, US  
[72] HARVEY, NOEL G., US  
[72] PETTIS, RONALD J., US  
[71] BECTON, DICKINSON AND COMPANY, US  
[85] 2004-11-01  
[86] 2003-05-06 (PCT/US2003/014063)  
[87] 2003-11-20 (WO2003/094995)  
[30] US (60/377,649) 2002-05-06  
[30] US (60/389,881) 2002-06-20

---

[21] 2,484,268  
[13] A1

[51] Int.Cl. 7C08G 18/08 7C09D 175/04  
7C08G 18/66 7C08G 18/73  
[25] EN  
[54] AQUEOUS POLYURETHANE PREPARATIONS  
[54] PREPARATIONS DE POLYURETHANE AQUEUSES  
[72] HOFER, BRUNO, DE  
[72] HORNER, KLAUS DIETER, DE  
[72] BINGEMANN, RUDOLF, DE  
[72] TREIBER, REINHARD, DE  
[72] HABERLE, KARL, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 2004-10-27  
[86] 2003-05-02 (PCT/EP2003/004604)  
[87] 2003-11-20 (WO2003/095517)  
[30] DE (102 21 220.1) 2002-05-13

---

[21] 2,484,269  
[13] A1

[51] Int.Cl. 7A61L 31/16 7A61L 33/08  
7C08B 37/10 7C08L 5/10  
[25] EN  
[54] COMPOUNDS AND METHOD FOR COATING SURFACES IN A HAEMOCOMPATIBLE MANNER  
[54] COMPOSES ET PROCEDES POUR RECOUVRIR DE FACON HEMOCOMPATIBLE DES SURFACES  
[72] HOFFMANN, MICHAEL, DE  
[72] HORRES, ROLAND, DE  
[72] LINSSEN, MARITA KATHARINA, DE  
[72] FAUST, VOLKER, DE  
[72] DI BIASE, DONATO, DE  
[72] HOFFMANN, ERIKA, DE  
[71] HEMOTEQ GMBH, DE  
[85] 2004-11-01  
[86] 2003-04-15 (PCT/DE2003/001253)  
[87] 2003-11-20 (WO2003/094990)  
[30] US (60/378,676) 2002-05-09  
[30] DE (102 21 055.1) 2002-05-10

---

[21] 2,484,272  
[13] A1

[51] Int.Cl. 7A61K 45/06  
[25] EN  
[54] NEW COMBINATION OF REVERSIBLE PROTON PUMP INHIBITORS AND AIRWAY THERAPEUTICS FOR TREATING AIRWAY DISORDERS  
[54] NOUVELLE COMBINAISON DESTINEE AU TRAITEMENT DES TROUBLES DES VOIES AERIENNES  
[72] HANAUER, GUIDO, DE  
[72] SIMON, WOLFGANG-ALEXANDER, DE  
[72] KROMER, WOLFGANG, DE  
[72] POSTIUS, STEFAN, DE  
[71] ALTANA PHARMA AG, DE  
[85] 2004-11-01  
[86] 2003-05-03 (PCT/EP2003/004653)  
[87] 2003-11-20 (WO2003/094967)  
[30] EP (02010305.7) 2002-05-07

---

[21] 2,484,276  
[13] A1

[51] Int.Cl. 7A61K 45/06 7A61P 11/00  
[25] EN  
[54] COMBINATION OF A PROTON PUMP INHIBITOR AND A RESPIRATORY AGENT FOR THE TREATMENT OF RESPIRATORY DISEASES  
[54] COMPOSITION UTILISEE DANS LE TRAITEMENT DU MAL DE L'AIR  
[72] HANAUER, GUIDO, DE  
[72] KROMER, WOLFGANG, DE  
[72] POSTIUS, STEFAN, DE  
[72] SIMON, WOLFGANG-ALEXANDER, DE  
[71] ALTANA PHARMA AG, DE  
[85] 2004-11-01  
[86] 2003-05-03 (PCT/EP2003/004657)  
[87] 2003-11-20 (WO2003/094968)  
[30] EP (02010306.5) 2002-05-07

---

[21] 2,484,284  
[13] A1

[51] Int.Cl. 7H04L 12/28 7G08C 17/02  
7H04L 12/56  
[25] EN  
[54] METHOD FOR DETERMINING AN OPTIMAL TRANSMISSION PATH IN A DATA NETWORK  
[54] PROCEDE DE FIXATION D'UN CHEMIN DE TRANSMISSION OPTIMAL DANS UN RESEAU DE TRANSMISSION DE donnees  
[72] SCHEDLBERGER, ROBERT, AT  
[72] BERNHARD, WOLFGANG, AT  
[72] EDTMAIR, JOACHIM, AT  
[72] SCHOENLEITNER, ARNOLD, AT  
[71] ATB AUTOMATISIERUNGSTECHNIK GMBH & CO. KG, AT  
[85] 2004-10-29  
[86] 2003-06-02 (PCT/AT2003/000161)  
[87] 2003-12-24 (WO2003/107592)  
[30] AT (A 915/2002) 2002-06-18

## PCT Applications Entering the National Phase

---

**[21] 2,484,285**  
[13] A1

[51] Int.Cl. 7C23C 26/00  
[25] EN  
[54] METHOD FOR COATING SLIDING SURFACE OF HIGH TEMPERATURE MEMBER, AND HIGH TEMPERATURE MEMBER AND ELECTRODE FOR ELECTRIC DISCHARGE SURFACE TREATMENT  
[54] PROCEDE D'APPLICATION D'UN REVETEMENT SUR LA SURFACE COUILLANTE D'UN ELEMENT HAUTE TEMPERATURE, ELEMENT HAUTE TEMPERATURE ET TRAITEMENT DE SURFACE PAR DECHARGE ELECTRIQUE.  
[72] ARAI, MIKIYA, JP  
[72] SABURI, SHIGERU, JP  
[72] NAKAYAMA, EIJI, JP  
[72] WATANABE, MITSUTOSHI, JP  
[72] GOTO, AKIHIRO, JP  
[72] AKIYOSHI, MASAO, JP  
[72] OCHIAI, HIROYUKI, JP  
[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP  
[71] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[85] 2004-10-29  
[86] 2003-09-22 (PCT/JP2003/012088)  
[87] 2004-04-08 (WO2004/029329)  
[30] JP (2002-276860) 2002-09-24  
[30] JP (2002-295963) 2002-10-09

---

**[21] 2,484,287**  
[13] A1

[51] Int.Cl. 7A61K 47/48 7A61K 48/00 7A61K 35/76  
[25] EN  
[54] DRUG- OR GENE-CARRIER COMPOSITION HAVING LOWERED HEMAGGLUTININ ACTIVITY  
[54] COMPOSITION SUPPORT DE MEDICAMENT OU DE GENE AVEC ACTIVITE D'HEMAGGLUTININE  
[72] SAKAKIBARA, HIROYUKI, JP  
[72] HARA, HIROTO, JP  
[72] UEDA, YASUJI, JP  
[72] YOU, JUN, JP  
[72] HASEGAWA, MAMORU, JP  
[71] DNAVEC RESEARCH INC., JP  
[85] 2004-10-29  
[86] 2003-04-30 (PCT/JP2003/005527)  
[87] 2003-11-13 (WO2003/092738)  
[30] JP (2002-129026) 2002-04-30

**[21] 2,484,288**  
[13] A1

[51] Int.Cl. 7C07D 213/68 7A61P 35/00 7C07D 401/12 7C07D 239/26 7A61K 31/33 7C07D 239/34 7A61K 31/395 7C07D 213/40 7C07D 239/40 7C07D 213/69  
[25] EN  
[54] DIARYL UREA DERIVATIVES USEFUL FOR THE TREATMENT OF PROTEIN KINASE DEPENDENT DISEASES  
[54] DERIVES DE DIARYLE-UREE UTILISES POUR LE TRAITEMENT DES MALADIES DEPENDANT DES PROTEINES KINASES  
[72] FLOERSHEIMER, ANDREAS, CH  
[72] BOLD, GUIDO, CH  
[72] MANLEY, PAUL WILLIAM, CH  
[72] FURET, PASCAL, FR  
[72] VAUPEL, ANDREA, CH  
[72] GUAGNANO, VITO, CH  
[72] BOSS, EUGEN, CH  
[71] NOVARTIS AG, CH  
[85] 2004-10-29  
[86] 2003-05-28 (PCT/EP2003/005634)  
[87] 2003-12-04 (WO2003/099771)  
[30] GB (0212413.9) 2002-05-29  
[30] GB (0305684.3) 2003-03-12  
[30] GB (0309219.4) 2003-04-23

---

**[21] 2,484,290**  
[13] A1

[51] Int.Cl. 7A61F 2/02  
[25] EN  
[54] IMPROVED PELVIC HEALTH IMPLANTS AND METHODS  
[54] IMPLANTS ET PROCEDES DE SOIN PELVIEN AMELIORES  
[72] ANDERSON, KIMBERLY A., US  
[72] STASKIN, DAVID R., US  
[72] WATSCHE, BRIAN P., US  
[72] WESTRUM, JOHN W., JR., US  
[72] COX, JAMES E., US  
[72] MONTPETIT, KAREN PILNEY, US  
[71] AMERICAN MEDICAL SYSTEMS, INC., US  
[85] 2004-10-29  
[86] 2003-04-28 (PCT/US2003/013113)  
[87] 2003-11-27 (WO2003/096929)  
[30] US (60/380,591) 2002-05-15  
[30] US (60/456,750) 2003-03-21  
[30] US (10/423,662) 2003-04-25

**[21] 2,484,291**  
[13] A1

[51] Int.Cl. 7D01D 5/00 7C25D 1/04 7H01B 1/12 7G21F 9/12 7G01N 27/30 7D01F 6/76  
[25] EN  
[54] ELECTROSYNTHESIS OF NANOFIBERS AND NANO-COMPOSITE FILMS  
[54] ELECTROSYNTHESE DE NANOFIBRES ET FILMS DE NANO-COMPOSITES  
[72] LIU, JUN, US  
[72] LIN, YUEHE, US  
[72] LIANG, LIANG, US  
[71] BATTELLE MEMORIAL INSTITUTE, US  
[85] 2004-10-29  
[86] 2003-05-21 (PCT/US2003/016273)  
[87] 2004-06-10 (WO2004/048644)  
[30] US (10/154,935) 2002-05-23

---

**[21] 2,484,292**  
[13] A1

[51] Int.Cl. 7H01M 8/00  
[25] EN  
[54] FUEL CELL ASSEMBLY AND A SEPARATOR THEREFOR  
[54] ENSEMBLE PILE A COMBUSTIBLE ET SEPARATEUR ASSOCIE  
[72] SUZUKI, TOSHIFUMI, JP  
[72] SASAHARA, JUN, JP  
[72] KUBOTA, TADAHIRO, JP  
[72] SAITO, YUJI, US  
[72] KURIYAMA, NARIAKI, JP  
[71] HONDA GIKEN KABUSHIKI KAISHA, JP  
[85] 2004-10-29  
[86] 2003-05-02 (PCT/JP2003/005630)  
[87] 2003-11-20 (WO2003/096453)  
[30] US (60/379,524) 2002-05-09

## Demandes PCT entrant en phase nationale

---

**[21] 2,484,294**  
[13] A1

[51] Int.Cl. 7H01M 8/00  
[25] EN  
[54] FUEL CELL ASSEMBLY,  
SEPARATOR-DIFFUSION LAYER  
ASSEMBLY FOR FUEL CELL  
ASSEMBLY AND MANUFACTURING  
METHOD THEREFOR  
[54] ENSEMBLE PILE A  
COMBUSTIBLE, ENSEMBLE COUCHE  
DE SEPARATION-DIFFUSION POUR  
ENSEMBLE PILE A COMBUSTIBLE ET  
PROCEDE DE FABRICATION ASSOCIE  
[72] KUBOTA, TADAHIRO, JP  
[72] KURIYAMA, NARIAKI, JP  
[72] SASAHARA, JUN, JP  
[72] SUZUKI, TOSHIKUMI, JP  
[72] SAITO, YUJI, US  
[71] HONDA GIKEN KABUSHIKI  
KAISHA, JP  
[85] 2004-10-29  
[86] 2003-05-02 (PCT/JP2003/005631)  
[87] 2003-11-20 (WO2003/096454)  
[30] US (60/379,524) 2002-05-09

**[21] 2,484,297**  
[13] A1

[51] Int.Cl. 7B01D 5/00 7B01D 45/16  
[25] EN  
[54] CYCLONIC FLUID SEPARATOR  
EQUIPPED WITH ADJUSTABLE  
VORTEX FINDER POSITION  
[54] SEPARATEUR DE FLUIDE  
CYCLONIQUE A POSITION DE  
DIAPHRAGME REGLABLE  
[72] BETTING, MARCO, NL  
[72] TJEENK WILLINK, CORNELIS  
ANTONIE, NL  
[71] SHELL INTERNATIONALE  
RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/EP2003/004703)  
[87] 2003-11-13 (WO2003/092850)  
[30] EP (02076687.9) 2002-04-29

**[21] 2,484,299**  
[13] A1

[51] Int.Cl. 7C08F 6/16  
[25] EN  
[54] PROCESS FOR REDUCING THE  
AMOUNT OF FLUORINATED  
SURFACTANT IN AQUEOUS  
FLUOROPOLYMER DISPERSIONS  
[54] METHODE PERMETTANT DE  
REDUIRE LA QUANTITE D'UN  
TENSIOACTIF FLUORE DANS DES  
DISPERSSIONS AQUEUSES DE  
POLYMERES FLUORES  
[72] SCHWERTFEGER, WERNER, US  
[72] LOEHR, GERNOT, US  
[72] HINTZER, KLAUS, US  
[72] EPSCH, REBEKKA, US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-10-29  
[86] 2003-05-05 (PCT/US2003/013839)  
[87] 2003-12-04 (WO2003/099879)  
[30] EP (02100547.5) 2002-05-22

**[21] 2,484,302**  
[13] A1

[51] Int.Cl. 7H01M 8/10 7H01M 8/02  
**7H01M 8/24**  
[25] EN  
[54] FUEL CELL ASSEMBLY AND  
METHOD FOR BONDING A  
SEPARATOR AND AN ELECTROLYTE  
LAYER OF A FUEL CELL ASSEMBLY  
[54] PILE A COMBUSTIBLE ET  
PROCEDE DE CONNEXION D'UN  
SEPARATEUR ET D'UNE COUCHE  
ELECTROLYTIQUE D'UNE PILE A  
COMBUSTIBLE  
[72] SUZUKI, TOSHIFUMI, JP  
[72] SAITO, YUJI, US  
[72] SASAHARA, JUN, JP  
[72] KURIYAMA, NARIAKI, JP  
[72] KUBOTA, TADAHIRO, JP  
[71] HONDA GIKEN KABUSHIKI  
KAISHA, JP  
[85] 2004-10-29  
[86] 2003-05-02 (PCT/JP2003/005632)  
[87] 2003-11-20 (WO2003/096466)  
[30] US (60/379,524) 2002-05-09

**[21] 2,484,301**  
[13] A1

[51] Int.Cl. 7B01D 49/00 7B01D 47/06  
**7B01D 51/08**  
[25] EN  
[54] SUPERSONIC FLUID  
SEPARATION ENHANCED BY SPRAY  
INJECTION  
[54] SEPARATION DE FLUIDE  
SUPERSONIQUE AMELIOREE, PAR  
INJECTION EN PULVERISATION  
[72] TJEENK WILLINK, CORNELIS  
ANTONIE, NL  
[72] BETTING, MARCO, NL  
[71] SHELL INTERNATIONALE  
RESEARCH MAATSCHAPPIJ B.V., NL  
[85] 2004-10-26  
[86] 2003-04-29 (PCT/EP2003/004704)  
[87] 2003-11-13 (WO2003/092858)  
[30] EP (02076688.7) 2002-04-29

**[21] 2,484,303**  
[13] A1

[51] Int.Cl. 7A61K 33/42  
[25] EN  
[54] SALT SOLUTION FOR COLON  
CLEANSING  
[54] SOLUTION SALINE POUR LE  
NETTOYAGE DU COLON  
[72] CLEVELAND, MARK VB., US  
[71] BRAINTREE LABORATORIES, INC.,  
US  
[85] 2004-10-29  
[86] 2003-04-28 (PCT/US2003/013133)  
[87] 2003-11-13 (WO2003/092589)  
[30] US (10/135,857) 2002-04-30

## PCT Applications Entering the National Phase

---

**[21] 2,484,306**  
[13] A1

[51] Int.Cl. 7A61K 45/00 7A61P 43/00  
7C07H 17/02 7A61P 3/10 7A61K 31/155  
7C07H 15/203 7C07H 15/26 7A61K 31/27  
7A61K 38/28 7A61K 31/7034 7A61K 31/  
7048 7A61K 31/7056  
[25] EN  
[54] PREVENTIVE/REMEDY FOR  
DIABETES  
[54] AGENT PREVENTIF/REMEDIE  
POUR DIABETE  
[72] MAEZONO, KATSUMI, JP  
[72] KONDO, NOBUO, JP  
[72] ISHIDA, NOZOMU, JP  
[72] HIRAMA, RYUSUKE, JP  
[72] KAGEYAMA, YOKO, JP  
[72] OHSUMI, KOJI, JP  
[72] MATSUEDA, HIROYUKI, JP  
[72] HATANAKA, TOSHIHIRO, JP  
[71] AJINOMOTO CO., INC., JP  
[85] 2004-10-26  
[86] 2003-04-25 (PCT/JP2003/005318)  
[87] 2003-11-06 (WO2003/090783)  
[30] JP (2002-127691) 2002-04-26

---

**[21] 2,484,308**  
[13] A1

[51] Int.Cl. 7A61K 31/47 7C07D 215/16  
7C07D 215/20  
[25] EN  
[54] SUBSTITUTED QUINOLONE  
CARBOXYLIC ACIDS, THEIR  
DERIVATIVES, SITE OF ACTION, AND  
USES THEREOF  
[54] ACIDES QUINOLONE  
CARBOXYLIQUES SUBSTITUES,  
DERIVES DE CES DERNIERS, SITE  
D'ACTION ET UTILISATIONS DE CES  
DERNIERS  
[72] HOGENKAMP, DERK J., US  
[72] JOHNSTONE, TIMOTHY B.C., US  
[72] GEE, KELVIN W., US  
[71] THE REGENTS OF THE  
UNIVERSITY OF CALIFORNIA, US  
[85] 2004-10-29  
[86] 2003-05-12 (PCT/US2003/014948)  
[87] 2003-11-27 (WO2003/097564)  
[30] US (60/380,641) 2002-05-14

**[21] 2,484,310**  
[13] A1

[51] Int.Cl. 7A61N 1/39  
[25] EN  
[54] IMPLANTABLE AUTOMATIC  
DEFIBRILLATOR WITH  
SUBCUTANEOUS ELECTRODES  
[54] DEFIBRILLATEUR  
AUTOMATIQUE IMPLANTABLE A  
ELECTRODES SOUS-CUTANEES  
[72] WOOL, THOMAS J., US  
[71] WOOL, THOMAS J., US  
[85] 2004-10-29  
[86] 2003-03-26 (PCT/US2003/009244)  
[87] 2003-11-13 (WO2003/092811)  
[30] US (10/137,185) 2002-04-30

---

**[21] 2,484,318**  
[13] A1

[51] Int.Cl. 7A61K 9/00 7A61K 31/415  
7A61K 31/4174 7A61K 31/496  
[25] EN  
[54] WARMING AND NONIRRITATING  
LUBRICANT ANTIFUNGAL GEL  
COMPOSITIONS  
[54] COMPOSITIONS DE GEL  
ANTIFONGIQUES LUBRIFIANTES,  
NON IRRITANTES ET CHAUFFANTES  
[72] LONARDO, EMILIA CASILIO, US  
[72] AHMAD, NAWAZ, US  
[72] LAMB, CHRISTOPHER SCOTT, US  
[71] MCNEIL-PPC, INC., US  
[85] 2004-10-29  
[86] 2003-05-01 (PCT/US2003/013475)  
[87] 2003-11-13 (WO2003/092650)  
[30] US (10/137,509) 2002-05-01  
[30] US (10/389,871) 2003-03-17

---

**[21] 2,484,321**  
[13] A1

[51] Int.Cl. 7A61B 17/34  
[25] EN  
[54] INTRODUCER SEAL ASSEMBLY  
[54] JOINT D'ETANCHEITE POUR  
INTRODUCTEUR  
[72] SMITH, ROBERT C., US  
[71] TYCO HEALTHCARE GROUP, LP,  
US  
[85] 2004-11-01  
[86] 2003-04-24 (PCT/US2003/012894)  
[87] 2003-11-20 (WO2003/094760)  
[30] US (60/379,651) 2002-05-10  
[30] US (10/264,556) 2002-10-04

---

**[21] 2,484,323**  
[13] A1

[51] Int.Cl. 7G01C 19/56 7G01P 3/14  
[25] EN  
[54] PASSIVE TEMPERATURE  
COMPENSATION TECHNIQUE FOR  
MEMS DEVICES  
[54] TECHNIQUE DE CORRECTION DE  
TEMPERATURE PASSIVE POUR  
DISPOSITIFS MICRO-  
ELECTROMECANIQUES  
[72] PLATT, WILLIAM, US  
[71] HONEYWELL INTERNATIONAL  
INC., US  
[85] 2004-10-29  
[86] 2003-04-29 (PCT/US2003/013308)  
[87] 2003-12-24 (WO2003/106927)  
[30] US (10/135,538) 2002-04-30

---

**[21] 2,484,324**  
[13] A1

[51] Int.Cl. 7A61K 31/4045 7A61K 31/5375  
[25] EN  
[54] METHODS USING A  
COMBINATION OF A 3-  
HETEROARYL-2-INDOLINONE AND A  
CYCLOOXYGENASE-2 INHIBITOR  
FOR THE TREATMENT OF  
NEOPLASIA  
[54] PROCEDES FONDES SUR  
L'UTILISATION D'UNE  
COMBINAISON DE 3-HETEROARYLE-  
2-INDOLINONE ET D'INHIBITEUR DE  
CYCLO-OXYGENASE-2 POUR LE  
TRAITEMENT DE LA NEOPLASIE  
[72] ZWEIFEL, BEN S., US  
[72] LEAHY, KATHLEEN M., US  
[72] CERRINGTON, JULIE M., US  
[72] MASFERRER, JAIME L., US  
[71] PHARMACIA CORPORATION, US  
[85] 2004-11-01  
[86] 2003-05-15 (PCT/US2003/015582)  
[87] 2003-11-27 (WO2003/097044)  
[30] US (10/150,546) 2002-05-16

## Demandes PCT entrant en phase nationale

---

[21] 2,484,327  
[13] A1

[51] Int.Cl. 7C09K 21/04 7C09K 21/10  
7C09K 21/12 7C09K 21/14  
[25] EN  
[54] NOVEL FIRE RETARDANT MATERIALS AND METHOD FOR PRODUCING SAME  
[54] NOUVEAUX MATERIAUX RESISTANTS AU FEU ET PROCEDE DE PRODUCTION ASSOCIE  
[72] POTTER, ALLEN W., US  
[72] BUNNELL, H. DEAN, US  
[72] JONES, WILLIAM H., US  
[71] NIPONI, LLC, US  
[85] 2004-10-29  
[86] 2003-04-30 (PCT/US2003/013433)  
[87] 2003-11-13 (WO2003/093395)  
[30] US (60/376,716) 2002-04-30  
[30] US (60/376,717) 2002-04-30

---

[21] 2,484,328  
[13] A1

[51] Int.Cl. 7F15B 11/08 7F15B 13/10  
[25] EN  
[54] INTEGRATED THREE FUNCTION VALVE  
[54] SOUPAPE INTEGREE A TROIS FONCTIONS  
[72] CURD, DAVID A., GB  
[72] PRICE, IAN L., GB  
[72] SCHULTZ, DAVID P., US  
[72] FENNY, CARLOS A., US  
[71] BELL HELICOPTER TEXTRON INC., US  
[85] 2004-10-27  
[86] 2003-05-16 (PCT/US2003/015292)  
[87] 2003-11-27 (WO2003/098052)  
[30] US (60/381,184) 2002-05-16

---

[21] 2,484,329  
[13] A1

[51] Int.Cl. 7A61K 9/00 7A61P 15/02  
7A61K 47/12 7A61P 15/16 7A61K 47/34  
7A61K 47/38  
[25] EN  
[54] WARMING AND NONIRRITATING ANHYDROUS LUBRICANT COMPOSITIONS  
[54] COMPOSITIONS LUBRIFIANTES ANHYDRES CHAUFFANTES ET NON IRRITANTES  
[72] LONARDO, EMILIA CASILIO, US  
[72] PATEL, KALPANA J., US  
[72] HEDA, PAVAN KUMAR, US  
[72] JOYCE, MICHAEL E., US  
[72] LAMB, CHRISTOPHER SCOTT, US  
[72] AHMAD, NAWAZ, US  
[71] MCNEIL-PPC, INC., US  
[85] 2004-10-29  
[86] 2003-05-01 (PCT/US2003/013554)  
[87] 2003-11-13 (WO2003/092652)  
[30] US (10/137,509) 2002-05-01  
[30] US (10/390,511) 2003-03-17

---

[21] 2,484,332  
[13] A1

[51] Int.Cl. 7C07F 7/18 7C23F 11/14  
[25] EN  
[54] ALKYLAMINOSILOXANES AS CORROSION INHIBITORS  
[54] ALKYLAMINOSILOXANES UTILISEES COMME INHIBITEURS DE LA CORROSION  
[72] PICCINELLI, PIERO, IT  
[72] DA ROIT, GIOVANNI, IT  
[72] GARDI, STEFANO, IT  
[71] CIBA SPECIALTY CHEMICALS HOLDING INC., CH  
[85] 2004-10-29  
[86] 2003-05-22 (PCT/EP2003/005372)  
[87] 2003-12-11 (WO2003/101947)  
[30] EP (02405441.3) 2002-05-31

---

[21] 2,484,336  
[13] A1

[51] Int.Cl. 7G01J 3/30 7H01J 65/08  
7G01N 21/64  
[25] EN  
[54] PULSED-MULTILINE EXCITATION FOR COLOR-BLIND FLUORESCENCE DETECTION  
[54] EXCITATION A LIGNES MULTIPLES PAR IMPULSIONS POUR DETECTION PAR FLUORESCENCE NON CHROMATISEE  
[72] CURL, ROBERT F., US  
[72] KITTRELL, CARTER, US  
[72] METZKER, MICHAEL L., US  
[72] SCOTT, GRAHAM B. I., US  
[71] BAYLOR COLLEGE OF MEDICINE, US  
[71] RICE UNIVERSITY, US  
[85] 2004-10-27  
[86] 2002-08-28 (PCT/US2002/027406)  
[87] 2003-03-13 (WO2003/021212)  
[30] US (09/941,165) 2001-08-28

---

[21] 2,484,338  
[13] A1

[51] Int.Cl. 7G01L 19/02 7G01L 13/02  
7E21B 47/04 7G01L 19/04 7E21B 47/06  
7G01L 19/06 7G01F 1/36  
[25] EN  
[54] APPARATUS TO MEASURE DIFFERENTIAL PRESSURE WITH SETTABLE PRESSURE REFERENCE  
[54] APPAREIL POUR MESURER LA PRESSION DIFFERENTIELLE A L'AIDE D'UNE REFERENCE DE PRESSION REGLABLE  
[72] MALLISON, EDGAR ROBERT, US  
[72] STRATTON, THOMAS GEORGE, US  
[71] HONEYWELL INTERNATIONAL INC., US  
[85] 2004-10-22  
[86] 2003-04-22 (PCT/US2003/012561)  
[87] 2004-11-04 (WO2004/094976)

## PCT Applications Entering the National Phase

---

[21] 2,484,340  
[13] A1

[51] Int.Cl. 7C07D 491/04 7C07D 221/00  
7C07D 265/00 7C07D 279/00 7C07D 319/  
00 7A61P 5/00 7C07D 498/04 7C07D 513/  
04 7C07D 498/06 7C07D 513/06 7A61K 31/  
4738  
[25] EN  
[54] 2-(QUINOLONYL)-FUSED  
HETEROCYCLES AS ANDROGEN  
RECEPTOR MODULATORS  
[54] HETEROCYCLES A FUSION 2-  
(QUINOLONYLE) EN TANT QUE  
MODULATEURS DU RECEPTEUR  
D'ANDROGENES  
[72] LANTER, JAMES C., US  
[72] SUI, ZHIHUA, US  
[72] FIORDELISO, JAMES J., US  
[71] ORTHO-MCNEIL  
PHARMACEUTICAL, INC., US  
[85] 2004-10-26  
[86] 2003-04-11 (PCT/US2003/011137)  
[87] 2003-11-06 (WO2003/090672)  
[30] US (60/376,095) 2002-04-26

---

[21] 2,484,342  
[13] A1

[51] Int.Cl. 7C07D 307/32  
[25] EN  
[54] METHODS FOR MANUFACTURE  
OF DIHYDRO-FURAN-2-ONE  
DERIVATIVES  
[54] PROCEDES DE PREPARATION DE  
DERIVES DE DIHYDRO-FURAN-2-ONE  
[72] LI, ZHENGONG BRYAN, US  
[72] JASYS, VYTAUTAS JOHN, US  
[72] URBAN, FRANK JOHN, US  
[71] PFIZER PRODUCTS INC., US  
[85] 2004-10-29  
[86] 2003-05-05 (PCT/IB2003/001838)  
[87] 2003-11-20 (WO2003/095439)  
[30] US (60/380,678) 2002-05-14

---

[21] 2,484,344  
[13] A1

[51] Int.Cl. 7E02D 29/14 7E05D 1/06  
7E05D 11/10  
[25] EN  
[54] DEVICE FOR CLOSING AN  
OPENING, PARTICULARLY A MAN  
HOLE  
[54] DISPOSITIF DE FERMETURE  
D'UNE OUVERTURE, EN  
PARTICULIER REGARD DE  
CHAUSSEE  
[72] PIETRZAK, JEAN-PAUL, FR  
[72] HAUER, JEAN-CLAUDE, FR  
[71] SAINT-GOBAIN PAM, FR  
[85] 2004-10-29  
[86] 2003-05-20 (PCT/FR2003/001509)  
[87] 2003-12-04 (WO2003/100179)  
[30] FR (02/06393) 2002-05-24

---

[21] 2,484,347  
[13] A1

[51] Int.Cl. 7C08G 63/49 7B32B 15/08  
[25] EN  
[54] COMPLIANT OVERPRINT  
VARNISHES  
[54] VERNIS DE SURIMPRESSION  
SOUPLES  
[72] KUBALA, JEFFREY R., US  
[72] WIND, DONALD G., US  
[71] VALSPAR SOURCING, INC., US  
[85] 2004-10-26  
[86] 2003-05-02 (PCT/US2003/013913)  
[87] 2003-11-13 (WO2003/093379)  
[30] US (60/377,523) 2002-05-03

---

[21] 2,484,349  
[13] A1

[51] Int.Cl. 7G02B 6/42  
[25] EN  
[54] OPTICAL DEVICE  
[54] DISPOSITIF OPTIQUE  
[72] IKEJI, MAKI, JP  
[72] HARAGUCHI, AKIRA, JP  
[72] FUJIMURA, YASUSHI, JP  
[72] SASAKI, TAKASHI, JP  
[72] KOMIYA, TAKEO, JP  
[71] SUMITOMO ELECTRIC  
INDUSTRIES, LTD., JP  
[85] 2004-10-29  
[86] 2003-05-09 (PCT/JP2003/005853)  
[87] 2003-11-20 (WO2003/096095)  
[30] JP (2002-134494) 2002-05-09  
[30] JP (2002-138981) 2002-05-14  
[30] JP (2002-180303) 2002-06-20

---

[21] 2,484,351  
[13] A1

[51] Int.Cl. 7A01G 9/14  
[25] EN  
[54] SUPPORT SYSTEM FOR POLY  
TUNNEL  
[54] SYSTEME DE SOUTIEN  
[72] CORBETT, THOMAS ROBERT, GB  
[71] HAYGROVE LIMITED, GB  
[85] 2004-11-01  
[86] 2003-04-28 (PCT/GB2003/001806)  
[87] 2003-11-13 (WO2003/092358)  
[30] GB (0210091.5) 2002-05-02

---

[21] 2,484,353  
[13] A1

[51] Int.Cl. 7D21D 5/02  
[25] EN  
[54] MULTI-STAGE SCREENING  
APPARATUS, SCREEN BASKET AND  
METHOD FOR SCREENING PULP  
SUSPENSIONS  
[54] APPAREIL CLASSEUR A  
PLUSIEURS ETAGES, PANIER  
CLASSEUR ET PROCEDE POUR  
CLASSE DES SUSPENSIONS DE PATE  
[72] FREDRIKSSON, BOERJE, SE  
[71] METSO PAPER, INC., FI  
[85] 2004-10-29  
[86] 2003-05-08 (PCT/SE2003/000746)  
[87] 2003-12-18 (WO2003/104549)  
[30] SE (0201746-5) 2002-06-07

---

[21] 2,484,355  
[13] A1

[51] Int.Cl. 7G06F 15/00 7G06F 7/00  
7G06F 12/00  
[25] EN  
[54] SYSTEM AND METHOD FOR  
TRANSFORMATION OF XML  
DOCUMENTS USING STYLESHEETS  
[54] SYSTEME ET PROCEDE DE  
TRANSFORMATION DE DOCUMENTS  
XML AU MOYEN DE FEUILLES DE  
STYLES  
[72] JONES, KEVIN J., GB  
[71] SARVEGA, INC., US  
[85] 2004-10-26  
[86] 2003-05-02 (PCT/US2003/014017)  
[87] 2003-11-13 (WO2003/094007)  
[30] US (60/377,266) 2002-05-02

## Demandes PCT entrant en phase nationale

---

[21] 2,484,357  
[13] A1

[51] Int.Cl. 7H01M 6/00 7H01M 6/40  
[25] EN  
[54] A PRINTED BATTERY  
[54] BATTERIE IMPRIMEE  
[72] ZUCKER, JERRY, US  
[71] THE INTERTECH GROUP, INC., US  
[85] 2004-10-29  
[86] 2003-04-28 (PCT/US2003/013128)  
[87] 2003-12-04 (WO2003/100893)  
[30] US (10/155,253) 2002-05-24

---

[21] 2,484,359  
[13] A1

[51] Int.Cl. 7G06F 17/00 7G06F 19/00  
[25] EN  
[54] INFRARED TOY VIEWING SCOPE  
AND GAMES UTILIZING INFRARED  
RADIATION  
[54] LUNETTE DE VISEE DE JOUET  
INFRAROUGE ET JEUX DANS  
LESQUELS SONT UTILISES DES  
RAYONNEMENTS INFRAROUGES  
[72] BECK, STEPHEN C., US  
[71] 4KIDS ENTERTAINMENT  
LICENSING, INC., US  
[85] 2004-10-27  
[86] 2003-05-07 (PCT/US2003/014051)  
[87] 2003-11-20 (WO2003/096216)  
[30] US (60/378,508) 2002-05-07

---

[21] 2,484,361  
[13] A1

[51] Int.Cl. 7H01M 4/04 7H01M 4/02  
7H01M 4/08 7B29C 47/40 7H01M 10/40  
7H01M 4/88  
[25] EN  
[54] METHOD FOR MAKING  
ELECTRODE  
[54] PROCEDE DE FABRICATION  
D'ELECTRODE  
[72] HOLLOBAUGH, TONY B., US  
[72] MISSLING, JEFFREY J., US  
[72] WHEELER, JOHN R., JR., US  
[72] MCDONELL, JAMES A., US  
[72] GRAHAM, KATHERINE A., US  
[72] EASTIN, BRIAN C., US  
[71] 3M INNOVATIVE PROPERTIES  
COMPANY, US  
[85] 2004-11-01  
[86] 2003-03-25 (PCT/US2003/009049)  
[87] 2003-11-13 (WO2003/094262)  
[30] US (10/138,278) 2002-05-03

---

[21] 2,484,362  
[13] A1

[51] Int.Cl. 7G09B 5/00  
[25] EN  
[54] INTERACTIVE MULTI-SENSORY  
READING SYSTEM ELECTRONIC  
TEACHING/LEARNING DEVICE  
[54] DISPOSITIF D'ENSEIGNEMENT-  
APPRENTISSAGE ELECTRONIQUE  
EQUIPE D'UN SYSTEME DE LECTURE  
MULTISENSORIEL INTERACTIF  
[72] ERNST, STEPHEN M., US  
[72] TAYLOR, JOHN W., US  
[72] BISHOP, JAMES A., JR., US  
[72] PYRCE, PHILIP R., US  
[72] MEADE, JAMES P., US  
[72] HOPPY, JOSEPH E., US  
[72] GALARNEAU, DAGAN, US  
[71] MATTEL, INC., US  
[85] 2004-10-29  
[86] 2003-05-30 (PCT/US2003/017013)  
[87] 2003-12-11 (WO2003/102895)  
[30] US (60/385,159) 2002-05-30

---

[21] 2,484,363  
[13] A1

[51] Int.Cl. 7H04Q 7/22  
[25] EN  
[54] POINT TO MULTI-POINT  
SERVICES USING HIGH SPEED  
SHARED CHANNELS IN WIRELESS  
COMMUNICATION SYSTEMS  
[54] SERVICES POINT A MULTIPONT  
FAISANT APPEL A DES CANAUX  
PARTAGES A VITESSE ELEVEE  
[72] TERRY, STEPHEN E., US  
[71] INTERDIGITAL TECHNOLOGY  
CORPORATION, US  
[85] 2004-11-01  
[86] 2003-04-30 (PCT/US2003/013171)  
[87] 2003-11-13 (WO2003/094554)  
[30] US (60/377,036) 2002-05-01

---

[21] 2,484,364  
[13] A1

[51] Int.Cl. 7B32B 27/10 7B32B 27/08  
7B65D 65/40  
[25] EN  
[54] BARRIER LAMINATE  
STRUCTURE FOR PACKAGING  
BEVERAGES  
[54] STRUCTURE STRATIFIEE A  
EFFET BARRIERE CONCUE POUR LE  
CONDITIONNEMENT DE BOISSELS  
[72] TEDFORD, RICHARD A., US  
[72] REIGHARD, TRICIA S., US  
[72] CLEVELAND, CHRISTOPHER S., US  
[71] INTERNATIONAL PAPER  
COMPANY, US  
[85] 2004-11-01  
[86] 2003-05-02 (PCT/IB2003/001768)  
[87] 2003-11-13 (WO2003/093009)  
[30] US (60/376,875) 2002-05-02

---

[21] 2,484,365  
[13] A1

[51] Int.Cl. 7G09B 5/00  
[25] EN  
[54] BOOK/CLIPPED CONTAINER  
COMBINATION  
[54] COMBINAISON DE CONTENANT  
A PINCE ET DE LIVRE  
[72] MCILVAINE, SCOTT H., US  
[72] BROWN, MATTHEW K., US  
[72] KELLEY, MIRIAM, US  
[72] HERMANN, NATHAN F., US  
[71] MATTEL, INC., US  
[85] 2004-10-29  
[86] 2003-05-30 (PCT/US2003/017323)  
[87] 2003-12-11 (WO2003/102896)  
[30] US (60/384,476) 2002-05-31  
[30] US (60/385,259) 2002-05-31  
[30] US (60/385,024) 2002-05-31

---

[21] 2,484,375  
[13] A1

[51] Int.Cl. 7A61K 9/20 7A61K 9/16  
7A61K 31/216  
[25] EN  
[54] ORAL DOSAGE FORMS  
COMPRISING FENOFIBRATE  
[54] FORMES DOSIFIees ORALES  
CONTENANT DU FENOFIBRATE  
[72] VACHON, MICHAEL G., CA  
[72] AWADESH, MISHRA K., CA  
[72] SNOW, ROBERT A., US  
[72] GUIVARC'H, POL-HENRI, CA  
[71] SKYEPHARMA CANADA INC., CA  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/013865)  
[87] 2003-11-13 (WO2003/092659)  
[30] US (60/377,237) 2002-05-03

## PCT Applications Entering the National Phase

---

[21] 2,484,377  
[13] A1

[51] Int.Cl. 7H04N 1/401 7H04N 1/405  
[25] EN  
[54] IMAGE PROCESSING IN PRINTING SYSTEMS  
[54] TRAITEMENT D'IMAGE DANS DES SYSTEMES D'IMPRESSION  
[72] ABELLO, LLUIS, ES  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2004-10-27  
[86] 2003-04-28 (PCT/EP2003/004414)  
[87] 2003-11-13 (WO2003/094502)  
[30] GB (0209722.8) 2002-04-27

---

[21] 2,484,383  
[13] A1

[51] Int.Cl. 7A61L 31/16 7A61L 29/16  
7A61L 27/54  
[25] EN  
[54] COATED MEDICAL DEVICE  
[54] DISPOSITIF MEDICAL MUNI D'UN REVETEMENT  
[72] BURTON, DAVID G., US  
[72] BOATMAN, SCOTT E., US  
[72] RAGHEB, ANTHONY O., US  
[72] SCHAEFFER, DARIN G., US  
[72] STURGEON, JASON S., US  
[72] BATES, BRIAN L., US  
[72] HOFFA, MICHAEL C., US  
[71] COOK INCORPORATED, US  
[71] WILLIAM COOK EUROPE APS, DK  
[71] MED INSTITUTE, INC., US  
[85] 2004-10-29  
[86] 2003-07-14 (PCT/US2003/022040)  
[87] 2004-01-22 (WO2004/006976)  
[30] US (60/395,434) 2002-07-12

---

[21] 2,484,415  
[13] A1

[51] Int.Cl. 7H04N 1/52 7H04N 1/191  
[25] EN  
[54] IMPROVEMENTS RELATING TO PRINT ENGINES  
[54] AMELIORATIONS ASSOCIEES A DES MOTEURS D'IMPRESSION  
[72] ABELLO, LLUIS, ES  
[71] HEWLETT-PACKARD COMPANY, US  
[85] 2004-10-27  
[86] 2003-04-28 (PCT/EP2003/004413)  
[87] 2003-11-13 (WO2003/093017)  
[30] GB (0209722.8) 2002-04-27

---

[21] 2,484,416  
[13] A1

[51] Int.Cl. 7C22B 11/02  
[25] EN  
[54] METHOD FOR REFINING CONCENTRATE CONTAINING PRECIOUS METALS  
[54] PROCEDE DE RAFFINAGE D'UN CONCENTRE RENFERMANT DES METAUX PRECIEUX  
[72] LAULUMAA, JUKKA, FI  
[72] KOJO, ILKKA, FI  
[72] MERIKANTO, NILS, FI  
[72] EEROLA, MINNA, FI  
[72] MAEKINEN, TUULA, FI  
[71] OUTOKUMPU OYI, FI  
[85] 2004-10-27  
[86] 2003-05-02 (PCT/FI2003/000343)  
[87] 2003-11-13 (WO2003/093516)  
[30] FI (20020835) 2002-05-03

---

[21] 2,484,425  
[13] A1

[51] Int.Cl. 6A61K 47/48 6A61K 38/17  
6C07K 16/30 6C07K 14/57 6C07K 14/705  
[25] EN  
[54] FUSIONS OF CYTOKINES AND TUMOR TARGETING PROTEINS  
[54] FUSIONS DE CYTOKINES ET DE PROTEINES DE CIBLAGE TUMORAL  
[72] CURNIS, FLAVIO, IT  
[72] CORTI, ANGELO, IT  
[71] MOLMED SPA, IT  
[85] 2004-10-27  
[86] 2003-04-30 (PCT/IB2003/002515)  
[87] 2003-11-13 (WO2003/092737)  
[30] GB (0209893.7) 2002-04-30

---

[21] 2,484,426  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] A SYSTEM AND METHOD FOR SUPPORTING A TARIFF CODE SELECTION  
[54] SYSTEME ET PROCEDE POUR SUPPORTER UNE SELECTION DE CODE DE TARIFICATION  
[72] NISHIMURA, ATSUSHI, JP  
[72] YAMAUCHI, AKIRA, JP  
[72] SWEET, JUNKO, US  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[85] 2004-10-27  
[86] 2003-04-28 (PCT/JP2003/005430)  
[87] 2003-11-13 (WO2003/094066)  
[30] JP (NO. 2002-128049) 2002-04-30

---

[21] 2,484,427  
[13] A1

[51] Int.Cl. 7H04L 29/06 7H04L 12/56  
[25] EN  
[54] SCHEDULING USING QUANTUM AND DEFICIT VALUES  
[54] ORGANISATION DANS LE TEMPS PAR REFERENCE A DES QUANTUMS ET DES VALEURS DE DEFICIT  
[72] APPANNA, CHANDRASHEKHAR, US  
[72] TSIANG, DAVID, US  
[72] SHOHAM, DORON, IL  
[72] MICHAELI, AMIR, IL  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-11-01  
[86] 2003-03-14 (PCT/US2003/007872)  
[87] 2003-10-02 (WO2003/081874)  
[30] US (10/104,759) 2002-03-21

---

[21] 2,484,436  
[13] A1

[51] Int.Cl. 7H04L 12/56 7H04Q 11/04  
[25] EN  
[54] PACKET SCHEDULING MECHANISM  
[54] MECANISME D'ORDONNANCEMENT DE PAQUETS  
[72] BONOMI, FLAVIO, US  
[72] BRANDT, ROBERT, US  
[72] COSTELLO, PATRICK, US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-11-01  
[86] 2003-03-15 (PCT/US2003/008218)  
[87] 2003-10-16 (WO2003/085909)  
[30] US (10/109,785) 2002-03-30

---

[21] 2,484,442  
[13] A1

[51] Int.Cl. 7H04L 12/56  
[25] EN  
[54] PROCESSING PACKETS BASED ON CONTEXT INDICATIONS  
[54] TRAITEMENT DE PAQUETS SUR LA BASE D'INDICATIONS DE CONTEXTE  
[72] PULLELA, VENKATESHWAR, US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-11-01  
[86] 2003-03-15 (PCT/US2003/008307)  
[87] 2003-12-11 (WO2003/103239)  
[30] US (10/159,055) 2002-05-31

## Demandes PCT entrant en phase nationale

---

**[21] 2,484,446**  
[13] A1

[51] Int.Cl. 7H04L 12/56 7G06F 17/30  
[25] EN  
[54] LONGEST PREFIX MATCHING  
USING TREE BITMAP DATA  
STRUCTURES  
[54] ADAPTATION DE LONGS  
PREFIXES PAR DES STRUCTURES DE  
DONNEES MODE POINT  
ARBORESCENT  
[72] SAGI, DALIT, IL  
[72] RANGARAJAN, VIJAY, US  
[72] EATHERTON, WILLIAM, US  
[71] CISCO TECHNOLOGY, INC., US  
[85] 2004-11-01  
[86] 2003-03-15 (PCT/US2003/008308)  
[87] 2003-12-11 (WO2003/103240)  
[30] US (10/161,504) 2002-05-31

---

**[21] 2,484,449**  
[13] A1

[51] Int.Cl. 7H04M 7/00 7H04Q 1/46  
[25] EN  
[54] METHOD AND SYSTEM FOR  
PROCESSING TONES TO REDUCE  
FALSE DETECTION OF FAX AND  
MODEM COMMUNICATIONS  
[54] PROCEDE ET SYSTEME DE  
TRAITEMENT DES TONALITES POUR  
LA DIMINUTION DES FAUSSES  
DETECTIONS DES  
COMMUNICATIONS DE TELECOPIE  
ET DE MODEM  
[72] RESUTA, DAVID P., US  
[72] LAZARUS, DAVID B., US  
[72] FREYMAN, PHILLIP K., US  
[71] GENERAL INSTRUMENT  
CORPORATION, US  
[85] 2004-11-01  
[86] 2003-04-29 (PCT/US2003/013148)  
[87] 2003-11-27 (WO2003/098906)  
[30] US (10/138,220) 2002-05-02

**[21] 2,484,450**  
[13] A1

[51] Int.Cl. 7C07C 391/02 7A61P 17/00  
7A61P 27/02 7A61P 3/04 7A61P 3/06  
7A61P 3/10 7A61K 31/192 7C07C 65/26  
7C07C 237/30 7C07C 229/38 7C07C 65/40  
7C07C 235/42 7A61K 7/48 7C07C 323/62  
7C07C 233/75  
[25] EN  
[54] LIGANDS THAT ARE INHIBITORS  
OF THE RAR RECEPTORS  
[54] LIGANDS INHIBITEURS DES  
RECEPTEURS RAR  
[72] BIADATTI, THIBAUD, FR  
[72] COLLETTE, PASCAL, FR  
[71] GALDERMA RESEARCH &  
DEVELOPMENT, S.N.C., FR  
[85] 2004-10-22  
[86] 2003-05-27 (PCT/EP2003/005555)  
[87] 2003-12-11 (WO2003/101945)  
[30] FR (0206851) 2002-06-04  
[30] US (60/387,447) 2002-06-11

---

**[21] 2,484,452**  
[13] A1

[51] Int.Cl. 7C08L 63/00 7C08G 59/00  
7C08L 33/00 7C08L 67/00 7C08L 75/00  
7C08L 63/02 7C08L 63/04 7C08L 63/06  
7C08L 63/08 7C08L 63/10 7C08G 59/22  
7C08G 59/30 7C08G 59/68  
[25] EN  
[54] SURFACE IMPROVER FOR  
REINFORCED COMPOSITE  
COMPOSITIONS  
[54] AMELIORANT DE SURFACE  
POUR COMPOSITIONS COMPOSITES  
RENFORCEES  
[72] REID, CARROLL G., US  
[72] SEATS, ROBERT L., US  
[71] ASHLAND INC., US  
[85] 2004-10-22  
[86] 2003-04-24 (PCT/US2003/013009)  
[87] 2003-11-06 (WO2003/091335)  
[30] US (60/375,944) 2002-04-25

---

**[21] 2,484,453**  
[13] A1

[51] Int.Cl. 7A61K 31/722 7A61K 45/00  
7A61P 17/02 7A61K 9/06 7A61L 15/16  
7A61L 27/20 7A61K 38/22 7A61L 27/44  
7A61K 31/727  
[25] EN  
[54] MEDICINAL COMPOSITIONS  
CONTAINING  
PHOTOCROSSLINKABLE CHITOSAN  
DERIVATIVE  
[54] COMPOSITIONS MEDICINALES  
CONTENANT UN DERIVE DE  
CHITOSAN PHOTO-RETICULABLE  
[72] OBARA, KIYOHAYA, JP  
[72] SAITO, YOSHIO, JP  
[72] ISHIHARA, MASAYUKI, JP  
[72] YURA, HIROFUMI, JP  
[72] FUJITA, MASANORI, JP  
[71] NETECH INC., JP  
[85] 2004-10-22  
[86] 2003-04-21 (PCT/JP2003/005070)  
[87] 2003-11-06 (WO2003/090765)  
[30] JP (2002-120995) 2002-04-23

---

**[21] 2,484,458**  
[13] A1

[51] Int.Cl. 7B22F 1/00 7H01M 4/42  
[25] EN  
[54] ZINC POWDER OR ZINC ALLOY  
POWDER FOR ALKALINE BATTERIES  
[54] POUDRE DE ZINC ET POUDRE  
D'ALLIAGE DE ZINC POUR PILES  
ALCALINES  
[72] SCHULZ, NORBERT, DE  
[72] SPRIESTERSBACH, JOCHEN, DE  
[72] MERKEL, PETRA, DE  
[72] KUBE, RUDI, DE  
[72] MELZER, ARMIN, DE  
[71] GRILLO-WERKE AG, DE  
[85] 2004-10-25  
[86] 2003-03-25 (PCT/EP2003/003083)  
[87] 2003-11-06 (WO2003/090956)  
[30] EP (02009501.4) 2002-04-25

## PCT Applications Entering the National Phase

---

[21] **2,484,461**  
 [13] A1

[51] Int.Cl. 7G06F 1/00 7H04L 29/06  
**7H04L 12/26**  
 [25] EN  
**[54] METHOD AND SYSTEM FOR ANALYZING AND ADDRESSING ALARMS FROM NETWORK INTRUSION DETECTION SYSTEMS**  
**[54] PROCEDE ET SYSTEME POUR ANALYSER ET SOLICITER DES ALARMES A PARTIR DE SYSTEMES DE DETECTION DES INTRUSIONS DANS LES RESEAUX**  
 [72] BURKE, STEPHEN A., US  
 [72] CAMPOS, STEPHEN B., US  
 [72] SHANKLIN, STEVEN D., US  
 [72] COHEN, NATHAN M., US  
 [72] SNAPP, STEVEN R., US  
 [72] ROWLAND, CRAIG H., US  
 [71] CISCO TECHNOLOGY, INC., US  
 [85] 2004-11-01  
 [86] 2003-05-14 (PCT/US2003/015546)  
 [87] 2003-11-27 (WO2003/098413)  
 [30] US (60/319,242) 2002-05-14

[21] **2,484,464**  
 [13] A1

[51] Int.Cl. 7G02C 7/04  
 [25] EN  
**[54] MULTI-FOCAL CONTACT LENS**  
**[54] LENTILLE DE CONTACT A FOYERS MULTIPLES**  
 [72] BERUBE, ANDRE, CA  
 [72] LAPALME, CLAUDE, CA  
 [71] BERUBE, ANDRE, CA  
 [71] LAPALME, CLAUDE, CA  
 [85] 2004-10-25  
 [86] 2003-04-25 (PCT/CA2003/000613)  
 [87] 2003-11-06 (WO2003/091786)  
 [30] US (10/131,529) 2002-04-25

[21] **2,484,472**  
 [13] A1

[51] Int.Cl. 7B01D 53/32 7F23G 7/06  
**7F23G 5/08 7B01J 19/08**  
 [25] EN  
**[54] HAZARDOUS WASTE TREATMENT METHOD AND APPARATUS**  
**[54] PROCEDE ET DISPOSITIF DE TRAITEMENT DE DECHETS TOXIQUES**  
 [72] CHAN, BENJAMIN CHUN PONG, CA  
 [71] CHAN, BENJAMIN CHUN PONG, CA  
 [71] LAU, EDMUND KIN ON, CN  
 [85] 2004-10-25  
 [86] 2003-05-06 (PCT/CA2003/000670)  
 [87] 2003-11-20 (WO2003/095072)  
 [30] US (60/378,357) 2002-05-08

[21] **2,484,481**  
 [13] A1

[51] Int.Cl. 7G01D 5/353 7H01S 3/13  
 [25] EN  
**[54] LIGHT SOURCE STABILISATION**  
**[54] STABILISATION DE SOURCE LUMINEUSE**  
 [72] JEFFREYS, TIMOTHY, GB  
 [72] CHEN, YUEHUA, GB  
 [72] HADLEY, MAXWELL R., GB  
 [72] HARTOG, ARTHUR H., GB  
 [72] MCINNES, JAMES, GB  
 [71] SENSOR HIGHWAY LIMITED, GB  
 [85] 2004-10-28  
 [86] 2003-05-13 (PCT/GB2003/002045)  
 [87] 2003-11-27 (WO2003/098157)  
 [30] GB (0211388.4) 2002-05-17

[21] **2,484,482**  
 [13] A1

[51] Int.Cl. 7A61K 31/46 7A61P 25/04  
 [25] EN  
**[54] TRIPLE MONOAMINE REUPTAKE INHIBITORS FOR THE TREATMENT OF CHRONIC PAIN**  
**[54] TRIPLE INHIBITEURS DE RECAPTAGE DE MOMOAMINE POUR LE TRAITEMENT DE DOULEUR CHRONIQUE**  
 [72] SCHEEL-KRUEGER, JOERGEN, DK  
 [72] BLACKBURN-MUNRO, GORDON JOHN, DK  
 [71] NEUROSEARCH A/S, DK  
 [85] 2004-10-25  
 [86] 2003-05-27 (PCT/DK2003/000352)  
 [87] 2003-12-11 (WO2003/101453)  
 [30] DK (PA 2002 00832) 2002-05-30

[21] **2,484,484**  
 [13] A1

[51] Int.Cl. 7H02M 7/155  
 [25] EN  
**[54] AC-DC CONVERTERS WITH BI-DIRECTIONAL VALVES**  
**[54] CONVERTISSEURS CA-CC COMPRENANT DES SOUPAPES DE THYRISTOR BIDIRECTIONNEL**  
 [72] VITHAYATHIL, JOHN J., US  
 [72] VITHAYATHIL, JOHN J., US  
 [71] VITHAYATHIL, JOHN J., US  
 [85] 2004-11-01  
 [86] 2003-05-14 (PCT/US2003/015592)  
 [87] 2003-11-27 (WO2003/098787)  
 [30] US (10/150,775) 2002-05-17

[21] **2,484,485**  
 [13] A1

[51] Int.Cl. 7H04Q 7/00  
 [25] EN  
**[54] TEMPORAL TRANSITION NETWORK PROTOCOL (TTNP) IN A MOBILE AD HOC NETWORK**  
**[54] PROTOCOLE RESEAU DE TRANSITION TEMPORAIRE DANS UN RESEAU AD HOC MOBILE**  
 [72] KENNEDY, ROBERT A., US  
 [71] HARRIS CORPORATION, US  
 [85] 2004-10-25  
 [86] 2003-04-28 (PCT/US2003/013143)  
 [87] 2003-11-13 (WO2003/093927)  
 [30] US (10/134,856) 2002-04-29

[21] **2,484,486**  
 [13] A1

[51] Int.Cl. 7G06F 15/173 7H04L 12/28  
**7H04L 12/56**  
 [25] EN  
**[54] ADMISSION CONTROL IN A MOBILE AD HOC NETWORK**  
**[54] PROCEDE DE CONTROLE D'ADMISSION DANS UN RESEAU MOBILE AD HOC**  
 [72] CAIN, JOSEPH BIBB, US  
 [72] BILLHARTZ, TOM, US  
 [71] HARRIS CORPORATION, US  
 [85] 2004-10-25  
 [86] 2003-04-28 (PCT/US2003/013135)  
 [87] 2003-11-13 (WO2003/094025)  
 [30] US (10/134,173) 2002-04-29

[21] **2,484,487**  
 [13] A1

[51] Int.Cl. 7H04L 9/32 7G06F 17/60  
 [25] EN  
**[54] IDENTITY MANAGEMENT SYSTEM USING SINGLE SIGN-ON**  
**[54] SYSTEME DE GESTION EFFICACE DE L'IDENTITE AU MOYEN D'UN NAVIGATEUR, FOURNISSANT UN CONTROLE PERSONNEL ET L'ANONYMAT**  
 [72] PFITZMANN, BIRGIT M., CH  
 [72] WAIDNER, MICHAEL, CH  
 [71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
 [85] 2004-10-21  
 [86] 2003-03-26 (PCT/IB2003/001172)  
 [87] 2003-11-06 (WO2003/091861)  
 [30] EP (02009568.3) 2002-04-26

## Demandes PCT entrant en phase nationale

---

[21] 2,484,488  
[13] A1

[51] Int.Cl. 7G06T 5/50  
[25] EN  
[54] SYSTEMS AND METHOD FOR GENERATING AN IMAGE  
[54] SYSTEMES ET PROCEDE DE GENERATION D'IMAGES  
[72] BOAS, DAVID A., US  
[72] ANG, LI, US  
[72] QUAN, ZHANG, US  
[71] GENERAL HOSPITAL CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-03 (PCT/US2003/010380)  
[87] 2003-10-23 (WO2003/088148)  
[30] US (60/370,521) 2002-04-05

[21] 2,484,493  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEM AND METHOD FOR SPECIFYING AND PROCESSING LEGALITY EXPRESSIONS  
[54] SYSTEME ET PROCEDE DE SPECIFICATION ET PROCEDE D'EXPRESSIONS DE LEGALITE  
[72] WANG, XIN, US  
[71] CONTENTGUARD HOLDINGS, INC., US  
[85] 2004-10-25  
[86] 2003-04-29 (PCT/US2003/013352)  
[87] 2003-11-13 (WO2003/094077)  
[30] US (60/375,808) 2002-04-29  
[30] US (60/411,789) 2002-09-19

[21] 2,484,497  
[13] A1

[51] Int.Cl. 7E21B 19/16  
[25] EN  
[54] IMPROVED CAM FOLLOWER FOR POWER TONGS AND OTHER USES  
[54] SUIVEUR DE CAME AMELIORE POUR PINCES MECANIQUES  
[72] BASLER, HERMANN, CA  
[72] FRASER, JONATHAN BRENT, CA  
[72] DAGENAIS, DAN, CA  
[72] SZALACSI, LESLIE L., CA  
[71] MCCOY BROS. INC., CA  
[85] 2004-11-01  
[86] 2003-04-30 (PCT/CA2003/000596)  
[87] 2003-11-13 (WO2003/093631)  
[30] CA (2,384,050) 2002-04-30  
[30] US (10/265,644) 2002-10-08

[21] 2,484,489  
[13] A1

[51] Int.Cl. 7G06F 15/173  
[25] EN  
[54] REACTIVE ROUTING ON-DEMAND IN MOBILE NETWORK  
[54] ROUTAGE SPONTANE A LA DEMANDE DANS UN RESEAU MOBILE  
[72] CAIN, JOSEPH BIBB, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013140)  
[87] 2003-11-13 (WO2003/094026)  
[30] US (10/134,901) 2002-04-29

[21] 2,484,494  
[13] A1

[51] Int.Cl. 7A61K 31/663 7A61K 9/20  
7A61K 9/28  
[25] EN  
[54] HIGH DOSE IBANDRONATE FORMULATION  
[54] FORMULATION D'IBANDRONATE A FORTE DOSE  
[72] MEYER, BERNARD, FR  
[72] KAESTLE, HANS-G., DE  
[71] F. HOFFMANN-LA ROCHE AG, CH  
[85] 2004-11-01  
[86] 2003-08-07 (PCT/EP2003/008732)  
[87] 2004-07-08 (WO2004/056373)  
[30] EP (02028745.4) 2002-12-20

[21] 2,484,501  
[13] A1

[51] Int.Cl. 7H04L 12/28  
[25] EN  
[54] TRAFFIC POLICING IN A MOBILE AD HOC NETWORK  
[54] PROCEDE DE CONTROLE DE TRAFIC DANS UN RESEAU MOBILE AD HOC  
[72] CAIN, JOSEPH BIBB, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013138)  
[87] 2003-11-13 (WO2003/094404)  
[30] US (10/134,714) 2002-04-29

[21] 2,484,490  
[13] A1

[51] Int.Cl. 7H04L 12/26  
[25] EN  
[54] QUALITY OF SERVICE ROUTING FOR MOBILE AD HOC NETWORKS  
[54] DETERMINATION DE L'ITINERAIRE POUR LA QUALITE DE SERVICE (QOS) DANS DES RESEAUX AD HOC MOBILES  
[72] BILLHARTZ, TOM, US  
[72] CAIN, JOSEPH BIBB, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013141)  
[87] 2003-11-13 (WO2003/093926)  
[30] US (10/134,715) 2002-04-29

[21] 2,484,495  
[13] A1

[51] Int.Cl. 7G06F 15/173  
[25] EN  
[54] TRACKING TRAFFIC IN A MOBILE AD HOC NETWORK  
[54] SUIVI DU TRAFIC DANS UN RESEAU AD HOC MOBILE  
[72] BILLHARTZ, TOM, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013144)  
[87] 2003-11-13 (WO2003/094028)  
[30] US (10/134,948) 2002-04-29

[21] 2,484,502  
[13] A1

[51] Int.Cl. 7H04Q 7/24  
[25] EN  
[54] HIERARCHICAL MOBILE AD-HOC NETWORK AND METHODS FOR PERFORMING REACTIVE ROUTING THEREIN USING DYNAMIC SOURCE ROUTING (DSR)  
[54] RESEAU AD-HOC MOBILE HIERARCHISE ET PROCEDES DE ROUTAGE SUR DEMANDE DANS CE DERNIER AU MOYEN D'UN ACHEMINEMENT PAR SOURCE DYNAMIQUE (ASD)  
[72] CAIN, JOSEPH BIBB, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013139)  
[87] 2003-11-13 (WO2003/094405)  
[30] US (10/134,859) 2002-04-29

## PCT Applications Entering the National Phase

---

[21] 2,484,503  
[13] A1

[51] Int.Cl. 7H04Q 7/36  
[25] EN  
[54] HIERARCHICAL MOBILE AD-HOC NETWORK AND METHODS FOR ROUTE ERROR RECOVERY THEREIN  
[54] RESEAU MOBILE AD HOC HIERARCHIQUE ET PROCEDES DE RECOUVREMENT D'ERREURS DE ROUTAGE DANS CE RESEAU  
[72] CAIN, JOSEPH BIBB, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-28 (PCT/US2003/013136)  
[87] 2003-11-13 (WO2003/094535)  
[30] US (10/134,723) 2002-04-29

---

[21] 2,484,504  
[13] A1

[51] Int.Cl. 7G01S 5/14 7G01S 1/02  
[25] EN  
[54] SYSTEM, METHOD, AND APPARATUS FOR GENERATING A TIMING SIGNAL  
[54] SYSTEME, PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN SIGNAL DE SYNCHRONISATION  
[72] ROWITCH, DOUGLAS NEAL, US  
[71] QUALCOMM INCORPORATED, US  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/013891)  
[87] 2003-11-13 (WO2003/093859)  
[30] US (10/138,704) 2002-05-03

---

[21] 2,484,505  
[13] A1

[51] Int.Cl. 7H04Q 7/20  
[25] EN  
[54] ALLOCATING CHANNELS IN A MOBILE AD HOC NETWORK  
[54] ATTRIBUTION DE CANAUX DANS UN RESEAU AD HOC MOBILE  
[72] BILLHARTZ, TOM, US  
[71] HARRIS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-04-14 (PCT/US2003/011484)  
[87] 2003-11-13 (WO2003/094546)  
[30] US (10/134,862) 2002-04-29

---

[21] 2,484,506  
[13] A1

[51] Int.Cl. 7D21H 17/42 7D21H 21/20 7D21H 17/29 7D21H 17/55 7D21H 17/72 7D21H 23/76  
[25] EN  
[54] ANIONIC FUNCTIONAL PROMOTER AND CHARGE CONTROL AGENT  
[54] PROMOTEUR FONCTIONNEL ANIONIQUE ET AGENT DE REGULATION DE CHARGE  
[72] BREVARD, WILLIAM, US  
[72] DAUPLAISE, DAVID, US  
[72] LOSTOCO, MICHAEL, US  
[72] PROVERB, ROBERT, US  
[72] LIPP, DAVID WESLEY, US  
[72] RYAN, MICHAEL, US  
[71] BAYER CHEMICALS CORPORATION, US  
[85] 2004-10-25  
[86] 2003-06-18 (PCT/US2003/019225)  
[87] 2003-12-31 (WO2004/001129)  
[30] US (10/174,964) 2002-06-19

---

[21] 2,484,508  
[13] A1

[51] Int.Cl. 7H04L 12/56 7H04L 12/43  
[25] EN  
[54] APPARATUS, METHOD AND COMPUTER PROGRAM TO RESERVE RESOURCES IN COMMUNICATIONS SYSTEM  
[54] APPAREIL, PROCEDE ET PROGRAMME INFORMATIQUE POUR RESERVER DES RESSOURCES DANS DES SYSTEMES DE COMMUNICATION

[72] SIEGEL, MICHAEL STEVEN, US  
[72] SABHIKHI, RAVINDER KUMAR, US  
[72] PEYRAVIAN, MOHAMMAD, US  
[72] RINALDI, MARK ANTHONY, US  
[71] INTERNATIONAL BUSINESS MACHINES CORPORATION, US  
[85] 2004-10-28  
[86] 2003-05-16 (PCT/GB2003/002125)  
[87] 2003-12-04 (WO2003/101051)  
[30] US (10/154,308) 2002-05-23

[21] 2,484,510  
[13] A1

[51] Int.Cl. 7F16K 15/20  
[25] EN  
[54] SELF-SEALING VALVE WITH ELECTROMECHANICAL DEVICE FOR ACTUATING THE VALVE  
[54] SOUPAPE ACTIONNEE PAR UN DISPOSITIF ELECTROMECANIQUE  
[72] CHAFFEE, ROBERT B., US  
[71] CHAFFEE, ROBERT B., US  
[85] 2004-11-02  
[86] 2003-05-05 (PCT/US2003/014116)  
[87] 2003-11-13 (WO2003/093709)  
[30] US (60/377,798) 2002-05-03

---

[21] 2,484,512  
[13] A1

[51] Int.Cl. 7C08K 5/34 7C07D 413/04  
[25] EN  
[54] AMELIORATION OF THE DEVELOPMENT OF CATARACTS AND OTHER OPHTHALMIC DISEASES  
[54] AMELIORATION DE L'EVOLUTION DES CATARACTES ET D'AUTRES MALADIES OPHTALMIQUES  
[72] MATIER, WILLIAM, L., US  
[72] PATIL, GHANSHYAM, US  
[71] OTHERA PHARMACEUTICALS, INC., US  
[85] 2004-10-28  
[86] 2003-05-19 (PCT/US2003/015948)  
[87] 2003-11-27 (WO2003/096991)  
[30] US (60/381,287) 2002-05-17

---

[21] 2,484,514  
[13] A1

[51] Int.Cl. 7A61K 33/34 7A61K 33/24 7A61K 33/32 7A61K 31/56  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR THE PROPHYLAXIS AND TREATMENT OF APHTHOUS ULCERS AND HERPES SIMPLEX LESIONS  
[54] COMPOSITIONS ET PROCEDES POUR LA PROPHYLAXIE ET LE TRAITEMENT DES ULCERES APHTEUX ET DES LESIONS DUES A L'HERPES  
[72] CHIOU, WIN L., US  
[72] CHIOU, LINDA L., US  
[71] CHIOU CONSULTING, INC., US  
[85] 2004-10-25  
[86] 2002-06-07 (PCT/US2002/018223)  
[87] 2003-12-18 (WO2003/103691)

## Demandes PCT entrant en phase nationale

---

**[21] 2,484,515**  
[13] A1

[51] Int.Cl. 7A61B 8/00  
 [25] EN  
**[54] SOLID HYDROGEL COUPLING FOR ULTRASOUND IMAGING AND THERAPY**  
**SOLIDE POUR L'IMAGERIE ET LA THERAPIE PAR ULTRASONS**  
 [72] PROKOP, ADRIAN, US  
 [72] VAEZY, SHAHRAM, US  
 [72] MARTIN, ROY, US  
 [72] KACZKOWSKI, PETER, US  
 [72] NOBLE, MISTY, US  
 [71] UNIVERSITY OF WASHINGTON, US  
 [85] 2004-10-28  
 [86] 2003-05-30 (PCT/US2003/016981)  
 [87] 2003-12-11 (WO2003/101530)  
 [30] US (60/384,566) 2002-05-30

---

**[21] 2,484,523**  
[13] A1

[51] Int.Cl. 7C02F 1/50 7B01D 35/04  
**7C02F 1/28 7C02F 1/44**  
 [25] EN  
**[54] METHOD AND APPARATUS FOR PREVENTING MICROBIAL GROWTH IN DRINKING WATER**  
**[54] PROCEDE ET APPAREIL PERMETTANT D'EMPECHER UNE CROISSANCE MICROBIENNE DANS DE L'EAU POTABLE**  
 [72] HATCH, GARY L., US  
 [72] SUBLET, RENAUD, FR  
 [72] YANG, VUE X., US  
 [71] CULLIGAN INTERNATIONAL COMPANY, US  
 [71] COMPAGNIE GENERALE DE EAUX, FR  
 [85] 2004-10-21  
 [86] 2003-06-02 (PCT/US2003/017374)  
 [87] 2003-12-11 (WO2003/101895)  
 [30] US (10/161,111) 2002-06-03

---

**[21] 2,484,524**  
[13] A1

[51] Int.Cl. 7G11B 23/03  
 [25] EN  
**[54] DISC CARTRIDGE**  
**[54] CARTOUCHE DE DISQUE**  
 [72] SAJI, YOSHITO, JP  
 [72] TAKIZAWA, TERUYUKI, JP  
 [72] OKAZAWA, HIRONORI, JP  
 [72] NAKATA, KUNIKO, JP  
 [71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
 [85] 2004-10-28  
 [86] 2004-04-06 (PCT/JP2004/004970)  
 [87] 2004-10-21 (WO2004/090894)  
 [30] JP (2003-105277) 2003-04-09  
 [30] JP (2003-433372) 2003-12-26

---

**[21] 2,484,543**  
[13] A1

[51] Int.Cl. 7A61N 1/00  
 [25] EN  
**[54] MEANS TO CONNECT A SMALL DIAMETER LEAD**  
**[54] MOYENS DE CONNEXION D'UN FIL AU DIAMETRE REDUIT**  
 [72] THOMPSON, DAVID L., US  
 [72] WERDER, JONATHAN C., US  
 [72] BELDEN, ELISABETH, US  
 [72] HESS, DOUGLAS N., US  
 [72] NERISON, NELS, US  
 [72] SOMMER, JOHN L., US  
 [72] BLAHA, ERIC V., US  
 [72] BONDE, ERIC, US  
 [72] HAUBRICH, GREGORY J., US  
 [72] GOEDEKE, STEVEN D., US  
 [72] COBIAN, RYAN K., US  
 [71] MEDTRONIC, INC., US  
 [85] 2004-10-27  
 [86] 2003-04-10 (PCT/US2003/011196)  
 [87] 2003-11-13 (WO2003/092794)  
 [30] US (10/137,158) 2002-04-30

---

**[21] 2,484,528**  
[13] A1

[51] Int.Cl. 7A61K 35/78 7A61K 9/22  
**7A61K 9/52**  
 [25] EN  
**[54] ISOFLAVONE COMPOSITION FOR ORAL DELIVERY**  
**[54] COMPOSITION D'ISOFLAVONE A ADMINISTRATION ORALE**  
 [72] HITE, MICHAEL P., US  
 [72] FEDERICI, CATHERINE, US  
 [72] TURNER, STEPHEN J., US  
 [71] SCOLR, INC., US  
 [85] 2004-06-30  
 [86] 2002-12-06 (PCT/US2002/039032)  
 [87] 2003-06-19 (WO2003/049689)  
 [30] US (60/339,887) 2001-12-06

---

**[21] 2,484,547**  
[13] A1

[51] Int.Cl. 7A61M 5/14 7G06F 19/00  
 [25] EN  
**[54] MEDICAL TREATMENT VERIFICATION SYSTEM AND METHOD**  
**[54] PROCEDE ET SYSTEME DE VERIFICATION D'UN TRAITEMENT MEDICAL**  
 [72] WILKES, GORDON, CA  
 [72] ACHARYA, MEETALI, CA  
 [72] MARTUCCI, JAMES, US  
 [72] MIHAI, DAN, US  
 [72] PAUL, ERIC, CA  
 [72] BUI, TUAN, US  
 [71] BAXTER INTERNATIONAL, INC., US  
 [85] 2004-10-27  
 [86] 2003-04-28 (PCT/US2003/013110)  
 [87] 2003-11-13 (WO2003/092769)  
 [30] US (10/135,180) 2002-04-30

---

**[21] 2,484,540**  
[13] A1

[51] Int.Cl. 7E21B 17/042  
 [25] EN  
**[54] A THREAD JOINT FOR A DRILL STRING FOR PERCUSSIVE ROCK-DRILLING**  
**[54] JOINT FILETE POUR TRAIN DE TIGES POUR FORAGE DE ROCHE PAR PERCUSSION**  
 [72] WAHLSTROEM, PATRIK, SE  
 [72] ERICSON, JOHAN, SE  
 [71] ATLAS COPCO SECOROC AB, SE  
 [85] 2004-10-27  
 [86] 2003-05-09 (PCT/SE2003/000752)  
 [87] 2003-11-27 (WO2003/097991)  
 [30] SE (0201530-3) 2002-05-22

## PCT Applications Entering the National Phase

---

[21] 2,484,552  
[13] A1

[51] Int.Cl. 7B05B 11/00  
[25] FR  
[54] DISPOSITIF DE DISTRIBUTION DE PLUSIEURS FLUIDES COMPORTANT AU MOINS DEUX POCHE SOUPLES ET DEUX POMPES.  
[54] DEVICE FOR DISPENSING SEVERAL FLUIDS COMPRISING AT LEAST TWO FLEXIBLE BAGS AND TWO PUMPS  
[72] TABERLET, JEAN-PHILIPPE, FR  
[72] ARGHYRIS, LAURENT, FR  
[72] PUVILAND, PATRICE, FR  
[71] LABLABO, FR  
[85] 2004-11-01  
[86] 2003-06-17 (PCT/FR2003/001830)  
[87] 2003-12-24 (WO2003/106044)  
[30] FR (02/07487) 2002-06-18

---

[21] 2,484,555  
[13] A1

[51] Int.Cl. 7D06M 15/263 7D06N 3/18  
7D06M 15/564  
[25] EN  
[54] HIGHLY DURABLE, COATED FABRICS EXHIBITING HYDROPHOBICITY, OLEOPHOBICITY AND STAIN RESISTANCE, AND RELATED METHODS  
[54] TISSUS REVETUS A DURABILITE ELEVEE HYDROPHOBES, OLEOPHOBES ET RESISTANTS AUX TACHES, ET PROCEDES ASSOCIES  
[72] GOTTSCHALK, DANIEL C., US  
[72] WEINERT, RAYMOND J., JR., US  
[72] SOBIESKI, ROBERT T., US  
[72] CUEVAS, RODNEY L., JR., US  
[71] OMINOVA SOLUTIONS INC., US  
[85] 2004-10-27  
[86] 2003-04-30 (PCT/US2003/013649)  
[87] 2003-11-13 (WO2003/093568)  
[30] US (10/136,239) 2002-05-01

---

[21] 2,484,582  
[13] A1

[51] Int.Cl. 7A61K 31/17 7A61P 15/00  
7C07D 257/04 7C07D 309/04 7C07D 405/04 7C07D 401/12 7C07D 405/12 7C07D 409/12 7C07D 413/12 7C07D 417/12  
7C07D 235/14 7A61K 31/165 7C07D 295/18 7C07D 333/20 7C07D 211/26 7C07D 239/26 7C07C 275/28 7C07D 207/32  
7C07D 213/38 7C07D 213/40 7A61K 31/4418 7A61K 31/4427 7C07D 233/54  
7C07D 213/56 7C07D 333/58 7C07D 277/64 7C07D 213/65 7C07D 213/85  
[25] EN  
[54] BOMBESIN ANTAGONISTS  
[54] ANTAGONISTES DE BOMBESINE  
[72] YUEN, PO-WAI, US  
[72] LEWTHWAITE, RUSSELL ANDREW, GB  
[72] KESTEN, SUZANNE ROSS, US  
[72] HIGGINBOTTOM, MICHAEL, GB  
[72] RAWSON, DAVID JAMES, GB  
[72] SCHELKUN, ROBERT MICHAEL, US  
[72] PRITCHARD, MARTYN CLIVE, GB  
[71] WARNER-LAMBERT COMPANY LLC, US  
[85] 2004-11-02  
[86] 2003-04-17 (PCT/IB2003/001686)  
[87] 2003-11-13 (WO2003/092670)  
[30] GB (0210239.0) 2002-05-03  
[30] US (60/398,132) 2002-07-23

---

[21] 2,484,585  
[13] A1

[51] Int.Cl. 7A61K 31/55 7C07D 413/04  
7C07D 405/12 7C07D 223/16  
[25] EN  
[54] A PROCESS FOR THE PREPARATION OF BENAZEPRIL HYDROCHLORIDE  
[54] PROCEDE DE PREPARATION DE CHLORHYDRATE DE BENAZEPRILE  
[72] CASTALDI, GRAZIANO, IT  
[72] MANTEGAZZA, SIMONE, IT  
[72] RAZZETTI, GABRIELE, IT  
[71] DIPHARMA S.P.A., IT  
[85] 2004-11-02  
[86] 2003-04-25 (PCT/EP2003/004343)  
[87] 2003-11-13 (WO2003/092698)  
[30] IT (MI2002A000934) 2002-05-03

[21] 2,484,592  
[13] A1

[51] Int.Cl. 7A61M 11/02 7B05B 11/00  
[25] EN  
[54] A FLUID DISPENSING DEVICE  
[54] DISPOSITIF DE DISTRIBUTION DE FLUIDE  
[72] DAVIES, MICHAEL BIRSHA, GB  
[71] GLAXO GROUP LIMITED, GB  
[85] 2004-11-02  
[86] 2003-05-07 (PCT/EP2003/004858)  
[87] 2003-11-20 (WO2003/095007)  
[30] GB (0210605.2) 2002-05-09  
[30] GB (0217798.8) 2002-08-01  
[30] GB (0219462.9) 2002-08-21

---

[21] 2,484,593  
[13] A1

[51] Int.Cl. 7A61C 17/34 7B26B 19/28  
[25] EN  
[54] APPARATUS FOR CONVERTING SIDE-TO-SIDE DRIVING MOTION TO ROTATIONAL MOTION WITH A SPRING ASSEMBLY AND SYSTEM FOR TUNING THE SPRING ASSEMBLY  
[54] APPAREIL DESTINE A CONVERTIR UN MOUVEMENT D'ENTRAINEMENT LATÉRAL EN UN MOUVEMENT ROTATIF A L'AIDE D'UN ENSEMBLE RESSORT, ET SYSTEME DE REGLAGE DE L'ENSEMBLE RESSORT  
[72] GREZ, JOSEPH W., NL  
[72] SADEK, KURT, NL  
[72] NELSON, DEVIN, NL  
[72] BARTEN, PAULUS L. W. M., NL  
[72] GUEBLE, JEFFREY, NL  
[72] LEITNER, STEPHAN, NL  
[72] TABER, BRUCE E., NL  
[72] WOOD, JERRY C., NL  
[72] HANELA, CRAIG D., NL  
[72] MILLER, KEVIN A., NL  
[72] TAYLOR, RICHARD K., NL  
[72] BRYANT, WILLIAM E., NL  
[72] RENS, PIET C. J., NL  
[72] LOIBNEGGER, ANDREAS, NL  
[72] HALL, SCOTT E., NL  
[71] KONINKLIJKE PHILIPS ELECTRONICS N.V., NL  
[85] 2004-11-02  
[86] 2003-04-25 (PCT/IB2003/001848)  
[87] 2003-11-13 (WO2003/092535)  
[30] US (10/137,962) 2002-05-03

## Demandes PCT entrant en phase nationale

---

[21] 2,484,596

[13] A1

[51] Int.Cl. 7A61K 31/568 7A61K 31/565  
7A61K 31/5685 7A61K 31/57  
[25] EN  
[54] 17-METHYLENE-ANDROSTAN-3ALPHA-OL ANALOGS AS CRH INHIBITORS  
[54] ANALOGUES DE 17-METHYLENE-ANDROSTAN-3<sup>g</sup>(A)-OL COMME INHIBITEURS DE LA CRH  
[72] ADAMS, NATHAN W., US  
[72] JENNINGS-WHITE, CLIVE L., US  
[72] BERLINER, DAVID L., US  
[72] MONTI, LOUIS, US  
[71] PHERIN PHARMACEUTICALS, INC., US  
[85] 2004-11-02  
[86] 2002-04-26 (PCT/US2002/013255)  
[87] 2002-11-14 (WO2002/089814)  
[30] US (09/848,247) 2001-05-03

---

[21] 2,484,597

[13] A1

[51] Int.Cl. 7C07D 277/34 7C07D 231/00  
7A61P 35/00 7C07D 487/04 7C07D 451/06  
7C07D 417/12 7A61K 31/426 7A61K 31/427 7C07D 277/82  
[25] EN  
[54] THIAZOLIDINONES AND THE USE THEREOF AS POLO-LIKE KINASE INHIBITORS  
[54] THIAZOLIDINONES ET LEUR UTILISATION COMME INHIBITEURS DE KINASE DE TYPE POLO  
[72] SIEMEISTER, GERHARD, DE  
[72] EIS, KNUT, DE  
[72] BOEMER, ULF, DE  
[72] SCHULZE, VOLKER, DE  
[72] SCHWEDE, WOLFGANG, DE  
[72] BUCHMANN, BERND, DE  
[72] BRIEM, HANS, DE  
[72] PARCZYK, KARSTEN, DE  
[71] SCHERING AKTIENGESELLSCHAFT, DE  
[85] 2004-11-02  
[86] 2003-04-29 (PCT/EP2003/004450)  
[87] 2003-11-13 (WO2003/093249)  
[30] DE (102 21 104.3) 2002-05-03

---

[21] 2,484,599

[13] A1

[51] Int.Cl. 7C07D 221/20 7A61K 31/4523  
[25] EN  
[54] METHODS AND COMPOSITIONS FOR TREATMENT OF CENTRAL AND PERIPHERAL NERVOUS SYSTEM DISORDERS AND NOVEL COMPOUNDS USEFUL THEREFOR  
[54] METHODES ET COMPOSITIONS POUR LE TRAITEMENT DES TROUBLES DU SYSTEME NERVEUX CENTRAL ET DU SYSTEME NERVEUX PERIPHERIQUE ET NOUVEAUX COMPOSES ASSOCIES  
[72] BAR-NER, NIRA, IL  
[72] FISHER, ABRAHAM, IL  
[72] KARTON, YISHAI, IL  
[71] ISRAEL INSTITUTE FOR BIOLOGICAL RESEARCH, IL  
[85] 2004-11-02  
[86] 2003-05-01 (PCT/IL2003/000357)  
[87] 2003-11-13 (WO2003/092580)  
[30] US (60/377,433) 2002-05-03

---

[21] 2,484,601

[13] A1

[51] Int.Cl. 7H04L 12/56 7H04B 1/74  
[25] EN  
[54] DATA PACKET FLOW ERROR CORRECTING METHODS AND DEVICES  
[54] PROCEDES ET DISPOSITIFS DE CORRECTION D'ERREURS DE FLUX DE PAQUETS DE DONNEES  
[72] SMITH, STEPHEN E., US  
[72] MAHAGAOKAR, AJAY C., US  
[72] MARSHALL, BENJAMIN, US  
[72] WANG, XIAOLIN, US  
[71] AXIOWAVE NETWORKS, US  
[85] 2004-11-02  
[86] 2003-06-06 (PCT/IB2003/002150)  
[87] 2003-12-18 (WO2003/105417)  
[30] US (10/247,254) 2002-06-08

---

[21] 2,484,608

[13] A1

[51] Int.Cl. 7A63B 21/00 7A63B 23/035  
[25] EN  
[54] A GYMNASTIC MACHINE AND METHODS FOR USING IT, FOR TRAINING AND/OR REHABILITATION OF THE MUSCLES AND JOINTS OF THE HUMAN BODY  
[54] MACHINE DE GYMNASTIQUE ET SES PROCEDES D'UTILISATION A DES FINS D'ENTRAINEMENT ET/OU DE REEDUCATION MUSCULAIRE ET ARTICULAIRE DU CORPS HUMAIN  
[72] EISA, MOHAMED, BAHAA, EL DIN, IT  
[71] EISA, MOHAMED, BAHAA, EL DIN, IT  
[85] 2004-11-02  
[86] 2003-04-24 (PCT/IT2003/000259)  
[87] 2003-11-13 (WO2003/092822)  
[30] IT (FI2002A000073) 2002-05-03

---

[21] 2,484,613

[13] A1

[51] Int.Cl. 7H04M 1/03  
[25] EN  
[54] WRIST-MOUNTED PORTABLE TELEPHONE SET  
[54] ENSEMBLE TELEPHONE PORTABLE MONTE SUR UN POIGNET  
[72] AKITA, MICHIO, JP  
[72] TAKEDA, TAKESHI, JP  
[71] TEMCO JAPAN CO., LTD., JP  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/JP2003/005608)  
[87] 2003-11-13 (WO2003/094487)  
[30] JP (2002-130952) 2002-05-02

---

[21] 2,484,614

[13] A1

[51] Int.Cl. 7A61L 27/38 7A61F 2/02  
7A61L 27/60  
[25] EN  
[54] CELL-SEEDED EXTRACELLULAR MATRIX GRAFTS  
[54] GREFFONS DE MATRICE EXTRACELLULAIRE ENSEMBLEE DE CELLULES  
[72] HILES, MICHAEL C., US  
[71] COOK BIOTECH, INCORPORATED, US  
[85] 2004-11-02  
[86] 2003-05-01 (PCT/US2003/013467)  
[87] 2003-11-13 (WO2003/092471)  
[30] US (60/377,110) 2002-05-02

## PCT Applications Entering the National Phase

---

[21] 2,484,616  
[13] A1

[51] Int.Cl. 7H04L 1/24 7H04L 29/06  
[25] EN  
[54] SWITCH FRAME, METHOD OF TRANSMITTING THE SWITCH FRAME AND A QUALITY INDICATOR CHANNEL STRUCTURE INCLUDING THE SWITCH FRAME  
[54] BAIE DE COMMUTATION, PROCEDE DE TRANSMISSION DE LADITE BAIE, ET STRUCTURE DE CANAL INDICATEUR DE QUALITE COMPRENANT LADITE BAIE  
[72] YOU, CHEOL WOO, KR  
[72] KIM, KI JUN, KR  
[72] YUN, YOUNG WOO, KR  
[72] KWON, SOON YIL, KR  
[71] LG ELECTRONICS INC., KR  
[85] 2004-11-02  
[86] 2003-04-30 (PCT/KR2003/000865)  
[87] 2003-11-13 (WO2003/094363)  
[30] KR (10-2002-0024359) 2002-05-03

[21] 2,484,620  
[13] A1

[51] Int.Cl. 7H04N 7/173  
[25] EN  
[54] NETWORK BASED DIGITAL INFORMATION AND ENTERTAINMENT STORAGE AND DELIVERY SYSTEM  
[54] SYSTEME DE STOCKAGE ET DE PRESENTATION DE PROGRAMMES D'INFORMATION NUMERIQUE ET DE DIVERTISSEMENT SUR RESEAU  
[72] HAYASHI, MICHAEL T., US  
[72] LEDDY, KEVIN J., US  
[72] CHIDDIX, JAMES A., US  
[72] CARLUCCI, JOHN B., US  
[72] CALLAHAN, JOHN W., US  
[72] BUEHL, JOSEPH, US  
[72] WILLIAMSON, LOUIS D., US  
[71] AOL TIME WARNER INTERACTIVE VIDEO GROUP, INC., US  
[71] TIME WARNER ENTERTAINMENT COMPANY, L.P., US  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/013912)  
[87] 2003-11-13 (WO2003/094499)  
[30] US (60/377,963) 2002-05-03  
[30] US (10/263,015) 2002-10-02

[21] 2,484,621  
[13] A1

[51] Int.Cl. 7A61K 31/40  
[25] EN  
[54] CARVEDILOL FORMULATIONS  
[54] FORMULATIONS DE CARVEDILOL  
[72] OH, CHOON, US  
[72] MALOFIY, JENNIFER, US  
[72] CHEN, WEI, US  
[72] LAMEY, KIMBERLY A., US  
[71] SMITHKLINE BEECHAM PHARMCO PUERTO RICO, INC., US  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/014020)  
[87] 2003-11-13 (WO2003/092625)  
[30] US (60/377,569) 2002-05-03  
[30] US (60/379,221) 2002-05-09

[21] 2,484,624  
[13] A1

[51] Int.Cl. 7A61K 31/403 7C07D 209/82  
[25] EN  
[54] CARVEDILOL PHARMASOLVE SOLVATE  
[54] SOLVATE DE CARVEDILOL PHARMASOLVE  
[72] OH, CHOON, US  
[72] LAMEY, KIMBERLY A., US  
[72] CHEN, WEI, US  
[71] SMITHKLINE BEECHAM PHARMCO PUERTO RICO, INC., US  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/014021)  
[87] 2003-11-13 (WO2003/092626)  
[30] US (60/377,568) 2002-05-03

[21] 2,484,631  
[13] A1

[51] Int.Cl. 7A61K 31/501 7C07D 403/02 7C07D 471/04  
[25] EN  
[54] PHENYL SUBSTITUTED IMIDAZOPYRIDINES AND PHENYL SUBSTITUTED BENZIMIDAZOLES  
[54] IMIDAZOPYRIDINES PHENYLE SUBSTITUEES ET BENZIMIDAZOLES PHENYLE SUBSTITUES  
[72] ZALLER, DENNIS M., US  
[72] DOHERTY, JAMES BURKE, US  
[72] BERESIS, RICHARD, US  
[72] COLLETTI, STEVEN L., US  
[71] MERCK & CO., INC., US  
[85] 2004-11-02  
[86] 2003-05-09 (PCT/US2003/014777)  
[87] 2003-11-27 (WO2003/097062)  
[30] US (60/378,028) 2002-05-13

[21] 2,484,639  
[13] A1

[51] Int.Cl. 7A23K 3/03 7C12G 1/00 7C12N 1/00 7C12N 1/20  
[25] EN  
[54] COMPOSITION AND METHOD TO PRODUCE AND USE FERMENTED HYDROLYZED PRODUCTS OF METABOLISM  
[54] COMPOSITION ET PROCEDE DE PRODUCTION ET D'UTILISATION DE PRODUITS HYDROLYSES FERMENTES DE METABOLISME MICROBIEN  
[72] SOBOL, CONSTANTIN V., RU  
[72] SOBOL, YUZefa T., RU  
[71] TECHNOLOGY COMMERCIALIZATION CORPORATION, US  
[85] 2004-11-02  
[86] 2003-06-13 (PCT/US2003/018831)  
[87] 2003-12-31 (WO2004/000038)  
[30] US (10/178,447) 2002-06-21

[21] 2,484,718  
[13] A1

[51] Int.Cl. 7D21C 11/12 7D21C 11/06  
[25] EN  
[54] METHOD OF PRODUCING ENERGY AT A PULP MILL  
[54] PROCEDE DE PRODUCTION D'ENERGIE AU NIVEAU D'UNE USINE DE PATE  
[72] ARPALAHTI, OLLI, FI  
[72] KOIVISTO, LASSE, FI  
[72] SAVIHARJU, KARI, FI  
[72] SIMONEN, JORMA, US  
[71] ANDRITZ OY, FI  
[85] 2004-11-02  
[86] 2003-05-08 (PCT/FI2003/000358)  
[87] 2003-11-20 (WO2003/095738)  
[30] US (60/379,406) 2002-05-13

[21] 2,484,736  
[13] A1

[51] Int.Cl. 7A61K 7/26 7A61P 43/00 7A61P 1/02 7A23L 1/03 7A61P 31/04 7A61K 31/353 7C07D 311/60 7A61K 35/78  
[25] EN  
[54] GALLOCATECHIN GALLATE-CONTAINING COMPOSITION  
[54] COMPOSITION DE GALLOCATECHINE CONTENANT DU GALLATE  
[72] MAEDA, MITSURU, JP  
[71] SUNTORY LIMITED, JP  
[85] 2004-11-02  
[86] 2003-05-12 (PCT/JP2003/005884)  
[87] 2003-11-20 (WO2003/094878)  
[30] JP (2002-136081) 2002-05-10

## Demandes PCT entrant en phase nationale

---

[21] 2,484,818  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] A TAX REFUND SYSTEM  
[54] SYSTEME SERVANT A REMBOURSER LA TVA  
[72] DUFFY, JOHN, IE  
[72] BARRY, GERARD J., IE  
[72] PARKINS, CHRISTOPHER DAVID, GB  
[72] BEWS, DUNCAN ALEXANDER, GB  
[71] EUROPEAN TAX FREE SHOPPING LIMITED, IE  
[85] 2004-09-13  
[86] 2003-03-18 (PCT/IE2003/000042)  
[87] 2003-09-25 (WO2003/079249)  
[30] GB (0206346.9) 2002-03-18  
[30] IE (2002/0850) 2002-10-31

---

[21] 2,484,893  
[13] A1

[51] Int.Cl. 7A01N 25/04 7A01N 37/02  
7A01M 1/20  
[25] EN  
[54] SYSTEM FOR TRAPPING FLYING INSECTS WITH ATTRACTANT LURES  
[54] SYSTEME DE PIEGEAGE D'INSECTES AERIENS AU MOYEN DE SUBSTANCES ATTRACTIVES  
[72] DURAND, EMMA A., US  
[72] CAO, MIAOYANG, US  
[72] LIU, CUIXIA, US  
[71] AMERICAN BIOPHYSICS CORP., US  
[85] 2004-10-22  
[86] 2003-05-08 (PCT/US2003/014458)  
[87] 2003-11-20 (WO2003/094611)  
[30] US (60/378,369) 2002-05-08

---

[21] 2,484,894  
[13] A1

[51] Int.Cl. 7A61B 18/12 7A61B 17/22  
[25] EN  
[54] METHOD AND APPARATUS FOR INTRACORPOREAL LITHOTRIPSY  
[54] PROCEDE ET APPAREIL DE LITHOTRITIE INTRACORPORELLE  
[72] DIAMANT, VALERY, IL  
[72] CHERNENKO, VLADIMIR, RU  
[72] KHACHIN, STEPAN, RU  
[72] LERNER, MARAT, RU  
[72] KHACHIN, VLADIMIR, RU  
[71] LITHOTECH MEDICAL LTD., IL  
[85] 2004-08-24  
[86] 2003-03-10 (PCT/IL2003/000191)  
[87] 2003-09-18 (WO2003/075777)  
[30] US (10/094,797) 2002-03-12

---

[21] 2,484,896  
[13] A1

[51] Int.Cl. 7D21F 7/08  
[25] EN  
[54] PAPERMAKER'S FORMING FABRIC  
[54] TISSU DE FABRICATION DE PAPIER  
[72] TROUGHTON, BRIAN, GB  
[71] WEAVEXX CORPORATION, US  
[85] 2004-10-26  
[86] 2004-01-29 (PCT/US2004/003567)  
[87] 2004-08-12 (WO2004/067833)  
[30] US (10/354,452) 2003-01-30

---

[21] 2,484,899  
[13] A1

[51] Int.Cl. 7H03H 7/40  
[25] EN  
[54] ADAPTIVE EQUALIZER SYSTEM FOR SHORT BURST MODEMS AND LINK HOPPING RADIO NETWORKS  
[54] SYSTEME EGALISEUR ADAPTATIF POUR MODEMS A RAFALES COURTES ET RESEAUX RADIO A SAUTS DE LIAISONS  
[72] FU, DENGWEI, US  
[72] LU, JUN, US  
[72] RAFIE, MANOUCHEHRI S., US  
[72] SHAH, TUSHAR, US  
[71] RADIANT NETWORKS PLC., GB  
[85] 2004-10-27  
[86] 2002-05-02 (PCT/US2002/013878)  
[87] 2002-11-14 (WO2002/091572)  
[30] US (09/849,687) 2001-05-04

---

[21] 2,484,904  
[13] A1

[51] Int.Cl. 7A01N 25/00 7A01N 53/08  
7A01N 25/28 7A01N 43/30  
[25] EN  
[54] COMPOSITIONS AND METHODS FOR PREVENTING OR REDUCING RESISTANCE OF INSECTS TO INSECTICIDES  
[54] COMPOSITIONS ET PROCEDES POUR INHIBER OU REDUIRE LA RESISTANCE D'INSECTES A DES INSECTICIDES  
[72] MOORES, GRAHAM DAVID, GB  
[72] GUNNING, ROBIN VERA, AU  
[71] Rothamsted Research Ltd, GB  
[71] DEPARTMENT OF PRIMARY INDUSTRIES FOR AND ON BEHALF OF THE STATE OF NEW SOUTH WALES, AU  
[85] 2004-10-22  
[86] 2003-04-29 (PCT/GB2003/001861)  
[87] 2003-11-13 (WO2003/092378)  
[30] GB (0209749.1) 2002-04-29

---

[21] 2,484,905  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] DATA PROCESSING SYSTEM FOR THE ORGANISATION OF LOTTERIES  
[54] SYSTEME DE TRAITEMENT DE DONNEES PERMETTANT L'ORGANISATION DE LOTERIES  
[72] ROEMER, OSWALD, DE  
[72] KROLL, RUEDIGER, DE  
[72] TISSOT, SVEN, DE  
[71] NKL NORDWESTDEUTSCHE KLASSENLOTTERIE, DE  
[85] 2004-10-27  
[86] 2002-05-03 (PCT/EP2002/004895)  
[87] 2003-11-13 (WO2003/094061)

---

[21] 2,484,912  
[13] A1

[51] Int.Cl. 7B24C 1/00 7B65G 53/46  
[25] EN  
[54] FEEDER ASSEMBLY FOR PARTICLE BLAST SYSTEM  
[54] DISTRIBUTEUR POUR SYSTEME DE PROJECTION DE PARTICULES  
[72] MALLALEY, DANIEL, US  
[72] RIVIR, MICHAEL, US  
[72] ALFORD, KEVIN, US  
[72] DRESSMAN, RICHARD, US  
[72] BROECKER, RICHARD, US  
[71] COLD JET, INC., US  
[85] 2004-10-27  
[86] 2003-04-01 (PCT/US2003/010032)  
[87] 2003-10-30 (WO2003/089193)  
[30] US (10/123,974) 2002-04-17

---

[21] 2,484,914  
[13] A1

[51] Int.Cl. 7G06F 17/28 7G09B 17/00  
7G09B 17/04  
[25] EN  
[54] METHOD FOR TEACHING LINGUISTICS  
[54] METHODE D'ENSEIGNEMENT LINGUISTIQUE  
[72] KELLEY, MIRIAM, US  
[72] MCILVAINE, SCOTT H., US  
[72] BROWN, MATTHEW K., US  
[71] MATTEL, INC., US  
[85] 2004-10-27  
[86] 2003-05-30 (PCT/US2003/017326)  
[87] 2003-12-11 (WO2003/102811)  
[30] US (60/385,024) 2002-05-31  
[30] US (60/385,259) 2002-05-31  
[30] US (60/384,476) 2002-05-31

## PCT Applications Entering the National Phase

---

**[21] 2,484,916**  
[13] A1

[51] Int.Cl. 7A61N 1/00  
[25] EN  
[54] A METHOD AND APPARATUS FOR ENHANCING NEUROPHYSIOLOGIC PERFORMANCE  
[54] PROCEDE ET APPAREIL POUR AMELIORER L'EFFET NEUROPHYSIOLOGIQUE  
[72] KLESHINSKI, STEPHEN J., US  
[72] HARRY, JASON D., US  
[72] DRAUDT, GREGG R., US  
[72] AHLGRIM, DIRK, US  
[72] NIEMI, JAMES B., US  
[72] COLLINS, JAMES J., US  
[71] AFFERENT CORPORATION, US  
[85] 2004-10-27  
[86] 2003-05-05 (PCT/US2003/013854)  
[87] 2003-11-13 (WO2003/092795)  
[30] US (60/377,202) 2002-05-03

**[21] 2,484,917**  
[13] A1

[51] Int.Cl. 7G09B 11/00  
[25] EN  
[54] AN ELECTRONIC LEARNING DEVICE FOR AN INTERACTIVE MULTI-SENSORY READING SYSTEM  
[54] DISPOSITIF D'APPRENTISSAGE ELECTRONIQUE POUR SYSTEME DE LECTURE MULTICAPTEUR INTERACTIF  
[72] MCILVAIN, SCOTT H., US  
[72] HERMANN, NATHAN F., US  
[72] ERNST, STEPHEN M., US  
[72] BROWN, MATTHEW K., US  
[72] BISHOP, JAMES A., JR., US  
[72] HOPPY, JOSEPH E., US  
[72] GALARNEAU, DAGAN, US  
[72] PYRCE, PHILLIP R., US  
[72] KELLEY, MIRIAM, US  
[72] TAYLOR, JOHN W., US  
[72] MEADE, JAMES P., US  
[71] MATTEL, INC., US  
[85] 2004-10-27  
[86] 2003-05-30 (PCT/US2003/017325)  
[87] 2003-12-11 (WO2003/102898)  
[30] US (60/385,159) 2002-05-30  
[30] US (60/385,024) 2002-05-31  
[30] US (60/385,259) 2002-05-31  
[30] US (60/384,476) 2002-05-31

**[21] 2,484,918**  
[13] A1

[51] Int.Cl. 7D06M 15/55 7B29B 15/10  
[25] EN  
[54] CARBON FIBER STRAND  
[54] BRIN DE FIBRES DE CARBONE  
[72] MATSUKI, TOSHITSUGU, JP  
[72] SAKAJIRI, KOIUCHI, JP  
[72] NISHIMURA, ISAO, JP  
[72] MUTO, SHINICHI, JP  
[72] SAEKI, TAKAO, JP  
[71] TOHO TENAX CO., LTD., JP  
[85] 2004-10-27  
[86] 2003-10-24 (PCT/JP2003/013639)  
[87] 2004-05-13 (WO2004/040055)  
[30] JP (2002/319003) 2002-10-31

**[21] 2,484,925**  
[13] A1

[51] Int.Cl. 7E05D 5/02 7F16B 13/06  
7E06B 3/54  
[25] EN  
[54] ASSEMBLY COMPRISING A DOOR LEAF AND HINGES, AND A SHOWER STALL  
[54] DISPOSITIF COMPORTANT UN VANTAIL DE PORTE ET DES CHARNIERES ET CABINE DE DOUCHE  
[72] KIEFER, ZOLTAN ANTON, DE  
[71] KIEFER, ZOLTAN ANTON, DE  
[85] 2004-10-28  
[86] 2003-04-25 (PCT/EP2003/004317)  
[87] 2003-11-13 (WO2003/093617)  
[30] DE (102 19 232.4) 2002-04-30

**[21] 2,484,923**  
[13] A1

[51] Int.Cl. 7A61B 17/70  
[25] EN  
[54] DYNAMIC FIXATION DEVICE AND METHOD OF USE  
[54] DISPOSITIF DE FIXATION DYNAMIQUE ET PROCEDE D'UTILISATION  
[72] RITLAND, STEPHEN, US  
[71] RITLAND, STEPHEN, US  
[85] 2004-10-27  
[86] 2003-05-08 (PCT/US2003/014615)  
[87] 2003-11-20 (WO2003/094699)  
[30] US (60/379,167) 2002-05-08  
[30] US (60/390,181) 2002-06-19  
[30] US (60/417,722) 2002-10-09

**[21] 2,484,926**  
[13] A1

[51] Int.Cl. 7A47J 31/00  
[25] EN  
[54] SPRAY HEAD  
[54] TETE DE PULVERISATION  
[72] POPE, RANDY D., US  
[72] FRIEDRICH, BRENT R., US  
[71] BUNN-O-MATIC CORPORATION, US  
[85] 2004-10-28  
[86] 2003-05-06 (PCT/US2003/014332)  
[87] 2003-11-13 (WO2003/092456)  
[30] US (60/378,579) 2002-05-06  
[30] US (60/464,836) 2003-04-23

**[21] 2,484,924**  
[13] A1

[51] Int.Cl. 7B22F 3/11 7B22F 7/00  
[25] EN  
[54] METHOD FOR PRODUCING A POROUS TITANIUM MATERIAL ARTICLE  
[54] PROCEDE DE PRODUCTION D'UN ARTICLE POREUX EN TITANE  
[72] SNIJders, GERRIT, NL  
[72] BERKEVELD, LOUIS DAVID, NL  
[72] RAK, ZBIGNIEW, NL  
[71] STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND, NL  
[85] 2004-10-27  
[86] 2003-05-05 (PCT/NL2003/000327)  
[87] 2003-11-13 (WO2003/092933)  
[30] NL (1020534) 2002-05-03

## Demandes PCT entrant en phase nationale

---

**[21] 2,484,928**  
[13] A1

[51] Int.Cl. 7A01N 57/20 7A01N 51/00  
7A01N 45/02 7A01N 53/08 7A01N 57/14  
7A01N 43/36 7A01N 47/38 7A01N 43/56  
7A01N 43/68 7A01N 43/90  
[25] EN  
[54] PHOSPHONATES AND DERIVATIVES THEREOF AS ENHancers OF THE ACTIVITY OF INSECTICIDES  
[54] PHOSPHONATES ET LEURS DERIVES UTILISES COMME AGENTS D'ACTIVATION D'INSECTICIDES  
[72] PERRY, RICHARD BRIAN, GB  
[72] MULQUEEN, PATRICK JOSEPH, GB  
[72] BIRCHMORE, MARK STEVEN, CH  
[72] RAMSAY, JULIE LYNNE, GB  
[72] STOCK, DAVID, GB  
[72] PIPER, CATHERINE JULIA, GB  
[71] SYNGENTA LIMITED, GB  
[71] SYNGENTA PARTICIPATIONS AG, CH  
[85] 2004-10-28  
[86] 2003-05-22 (PCT/GB2003/002210)  
[87] 2003-12-04 (WO2003/099012)  
[30] GB (0211924.6) 2002-05-23

---

**[21] 2,484,929**  
[13] A1

[51] Int.Cl. 7A61B 5/04  
[25] EN  
[54] IMPLANTABLE APNEA MONITOR  
[54] PROCEDE ET APPAREIL PERMETTANT DE DETECTER ET DE SURVEILLER LA FREQUENCE DE L'APNEE OBSTRUCTIVE  
[72] CONDIE, CATHERINE R., US  
[72] JENSEN, DONALD M., US  
[72] CHO, YONG KYUN, US  
[71] MEDTRONIC, INC., US  
[85] 2004-10-28  
[86] 2003-04-02 (PCT/US2003/010052)  
[87] 2003-11-13 (WO2003/092493)  
[30] US (10/136,778) 2002-04-30

---

**[21] 2,484,931**  
[13] A1

[51] Int.Cl. 7B65G 69/28  
[25] EN  
[54] DOCK LEVELER WITH INFLATABLE COLUMN ASSEMBLY  
[54] ENSEMBLE COLONNE GONFLABLE POUR APPAREIL DE MISE A NIVEAU  
[72] BENDER, BRIAN, US  
[72] HAHN, NORBERT, US  
[72] DIGMANN, CHARLES J., US  
[72] PAUL, LESTER W., US  
[72] PIETRANGELO, PAMELA, US  
[72] LEUM, GRANT, US  
[71] RITE-HITE HOLDING CORPORATION, US  
[85] 2004-10-27  
[86] 2003-05-06 (PCT/US2003/014166)  
[87] 2003-11-13 (WO2003/093150)  
[30] US (10/140,786) 2002-05-06

---

**[21] 2,484,933**  
[13] A1

[51] Int.Cl. 7A22C 7/00  
[25] FR  
[54] PROCEDE ET DISPOSITIFS DE FABRICATION DE STEAKS HACHES FOURRES D'UNE GARNITURE  
[54] METHOD AND DEVICE FOR THE PRODUCTION OF MINCEMEAT STEAKS PROVIDED WITH A FILLING  
[72] LE PAIH, JACQUES, FR  
[71] NIJAL (SA), FR  
[85] 2004-10-28  
[86] 2003-05-26 (PCT/FR2003/001578)  
[87] 2003-12-04 (WO2003/099021)  
[30] FR (02/06534) 2002-05-29

---

**[21] 2,484,934**  
[13] A1

[51] Int.Cl. 7H01M 8/04  
[25] EN  
[54] METHOD AND SYSTEM FOR VERIFICATION, CALIBRATION AND SIMULATION OF A FUEL CELL TEST STATION  
[54] PROCEDE ET SYSTEME DE VERIFICATION, DE CALIBRAGE ET DE SIMULATION D'UN POSTE D'ESSAI DE PILES A COMBUSTIBLE  
[72] BAKER, MAREK, CA  
[71] GREENLIGHT POWER TECHNOLOGIES, INC., CA  
[85] 2004-10-28  
[86] 2003-05-16 (PCT/CA2003/000719)  
[87] 2003-11-27 (WO2003/098768)  
[30] US (60/381,059) 2002-05-17

---

**[21] 2,484,935**  
[13] A1

[51] Int.Cl. 7C07C 237/22 7A61K 31/165  
7C07D 263/20 7A61K 31/42  
[25] EN  
[54] AMIDE DERIVATIVES AS INHIBITORS OF THE ENZYMATIC ACTIVITY OF RENIN  
[54] DERIVES D'AMIDE UTILISES COMME INHIBITEURS DE L'ACTIVITE ENZYMATIQUE DE LA RENINE  
[72] FURTER, PETER, CH  
[72] ALLMENDINGER, THOMAS, DE  
[71] NOVARTIS AG, CH  
[85] 2004-10-28  
[86] 2003-05-28 (PCT/EP2003/005635)  
[87] 2003-12-04 (WO2003/099767)  
[30] GB (0212410.5) 2002-05-29

---

**[21] 2,484,937**  
[13] A1

[51] Int.Cl. 7A61B 17/04  
[25] EN  
[54] TYING KNOTS  
[54] EXECUTION DE NOEUD  
[72] CHU, MICHAEL S. H., US  
[71] SCIMED LIFE SYSTEMS, INC., US  
[85] 2004-10-28  
[86] 2003-04-30 (PCT/US2003/013437)  
[87] 2003-11-13 (WO2003/092508)  
[30] US (10/136,256) 2002-05-01

---

**[21] 2,484,939**  
[13] A1

[51] Int.Cl. 7E21D 21/00  
[25] EN  
[54] METHOD FOR PRODUCTION OF A MINING METAL PLUG  
[54] PROCEDE DE FABRICATION D'UNE CHEVILLE METALLIQUE POUR EXPLOITATION MINIERE  
[72] WELSER, WOLFGANG, AT  
[71] WELSER PROFILE AG, AT  
[85] 2004-10-27  
[86] 2003-04-24 (PCT/EP2003/004279)  
[87] 2003-11-13 (WO2003/093644)  
[30] DE (102 19 155.7) 2002-04-29

## PCT Applications Entering the National Phase

---

**[21] 2,484,942**  
[13] A1

[51] Int.Cl. 7A61B 17/14  
[25] EN  
[54] LANCET DEVICE  
[54] DISPOSITIF DE LANCETTE  
[72] SCHRAGA, STEVEN, US  
[71] SCHRAGA, STEVEN, US  
[85] 2004-10-28  
[86] 2003-04-11 (PCT/US2003/011087)  
[87] 2003-11-13 (WO2003/092512)  
[30] US (10/134,995) 2002-04-29

---

**[21] 2,484,945**  
[13] A1

[51] Int.Cl. 7A61B 6/02 7G01N 23/087  
7G01T 1/29  
[25] EN  
[54] METHOD AND APPARATUS FOR  
DETECTION OF IONIZING  
RADIATION  
[54] PROCEDE ET APPAREIL DE  
DETECTION DE RAYONNEMENT  
IONISANT  
[72] FRANCKE, TOM, SE  
[72] SOKOLOV, SKIFF, SE  
[71] XOUNTER AB, SE  
[85] 2004-10-28  
[86] 2003-06-05 (PCT/SE2003/000921)  
[87] 2003-12-18 (WO2003/103495)  
[30] SE (0201742-4) 2002-06-07

---

**[21] 2,484,947**  
[13] A1

[51] Int.Cl. 7E21B 37/06  
[25] EN  
[54] METHOD FOR SCALE  
INHIBITION IN OIL WELLS  
[54] PROCEDE PERMETTANT  
D'INHIBER L'ENTARTRAGE DANS  
LES PUITS DE PETROLE  
[72] DUNCUM, SIMON NEIL, GB  
[72] COLLINS, IAN RALPH, GB  
[71] BP EXPLORATION OPERATING  
COMPANY LIMITED, GB  
[85] 2004-10-28  
[86] 2003-05-15 (PCT/GB2003/002100)  
[87] 2003-12-24 (WO2003/106810)  
[30] GB (0213600.0) 2002-06-13

---

**[21] 2,484,949**  
[13] A1

[51] Int.Cl. 7A63F 9/12 7A63F 9/06  
[25] EN  
[54] GAME FOR PROMOTING THE  
SPATIAL PERCEPTIBILITY  
[54] JEU SERVANT A DEVELOPPER LA  
PERCEPTION SPATIALE  
[72] WOONING, TREES, NL  
[72] VAN HEREL, MARIJN, NL  
[71] PRODUCTIEF, NL  
[85] 2004-10-27  
[86] 2003-05-19 (PCT/EP2003/005215)  
[87] 2003-11-27 (WO2003/097193)  
[30] NL (1020630) 2002-05-21

---

**[21] 2,484,950**  
[13] A1

[51] Int.Cl. 7B65B 1/08  
[25] EN  
[54] DEVICE AND METHOD FOR  
CONTROLLING THE FLOW OF A  
POWDER  
[54] REGULATION DE  
L'ECOULEMENT D'UNE POUDRE  
[72] BOECKL, ANDREW J., US  
[72] PLOEGER, DALE W., US  
[72] BRANNIGAN, DIANE, US  
[72] PARKS, DERRICK J., US  
[72] STOUT, GORDON, US  
[71] NEKTAR THERAPEUTICS, US  
[85] 2004-10-28  
[86] 2003-06-26 (PCT/US2003/020348)  
[87] 2004-01-08 (WO2004/002827)  
[30] US (60/392,076) 2002-06-27

---

**[21] 2,484,952**  
[13] A1

[51] Int.Cl. 7H04L 27/26 7H04L 27/36  
[25] EN  
[54] METHOD FOR LIMITING  
AMPLITUDE OF A CARRIER  
FREQUENCY OUTPUT SIGNAL  
[54] PROCEDE DE LIMITATION  
D'AMPLITUDE D'UN SIGNAL DE  
SORTIE A FREQUENCE PORTEUSE  
[72] JELONNEK, BJOERN, DE  
[71] SIEMENS AKTIENGESELLSCHAFT,  
DE  
[85] 2004-10-28  
[86] 2003-04-01 (PCT/EP2003/003398)  
[87] 2003-11-13 (WO2003/094462)  
[30] EP (02009775.4) 2002-04-30  
[30] DE (102 19 318.5) 2002-04-30

---

**[21] 2,484,954**  
[13] A1

[51] Int.Cl. 7C07D 215/14 7A61P 29/00  
7A61P 19/02 7C07D 401/06 7A61P 37/08  
7C07D 401/12 7C07C 43/205 7C07D 215/  
22 7C07C 237/36 7C07D 215/36 7C07C  
229/40 7A61K 31/47 7C07C 205/49 7C07C  
309/65 7C07C 233/87  
[25] EN  
[54] 2,6-QUINOLINYL AND 2,6-  
NAPHTHYL DERIVATIVES,  
PROCESSES FOR PREPARING THEM  
AND THEIR USES AS VLA-4  
INHIBITORS  
[54] DERIVES DE 2,6-QUINOLINYLE  
ET DE 2,6-NAPHTYLE, LEURS  
PROCEDES DE PREPARATION ET  
LEUR UTILISATION COMME  
INHIBITEURS DE VLA-4  
[72] DE LAVELEYE-DEFAIS,  
FRANCOISE, BE  
[72] ROUTIER, SYLVAIN, FR  
[72] KOGEJ, THIERRY, BE  
[72] KNERR, LAURENT, BE  
[72] DEMAUDE, THIERRY, BE  
[72] GUILLAUMET, GERALD, FR  
[72] LASOIE, MARIE-AGNES, BE  
[72] QUERE, LUC, BE  
[71] UCB, S.A., BE  
[85] 2004-10-29  
[86] 2003-04-15 (PCT/EP2003/003909)  
[87] 2003-11-13 (WO2003/093237)  
[30] EP (02009746.5) 2002-04-30

---

**[21] 2,484,956**  
[13] A1

[51] Int.Cl. 7A61L 27/12 7A61L 31/12  
7A61L 31/14 7A61L 27/46 7A61L 27/56  
[25] EN  
[54] STRUCTURED COMPOSITES AS A  
MATRIX (SCAFFOLD) FOR THE  
TISSUE ENGINEERING OF BONES  
[54] COMPOSITES STRUCTURES EN  
TANT QUE MATRICE POUR LA  
PRODUCTION DE TISSUS OSSEUX  
PAR INGENIERIE GENETIQUE  
[72] SCHAFFNER, PATRICIA, DE  
[72] NIES, BERTHOLD, DE  
[72] JESCHKE, BRIGITTE, DE  
[71] BIOMET DEUTSCHLAND GMBH, DE  
[85] 2004-10-28  
[86] 2003-04-07 (PCT/EP2003/003582)  
[87] 2003-11-13 (WO2003/092760)  
[30] DE (102 19 183.2) 2002-04-29

## Demandes PCT entrant en phase nationale

---

[21] 2,484,958  
[13] A1

- [51] Int.Cl. 7B65D 85/10
  - [25] EN
  - [54] CIGARETTE PACKAGE
  - [54] PAQUET DE CIGARETTES
  - [72] HEIN, VIKTOR, DE
  - [72] FOCKE, HEINZ, DE
  - [72] LOHMAN, REINHARD, DE
  - [72] SCHONBERGER, HANS, DE
  - [71] FOCKE & CO. (GMBH & CO.), DE
  - [85] 2004-10-27
  - [86] 2003-04-12 (PCT/EP2003/003811)
  - [87] 2003-11-13 (WO2003/093136)
  - [30] DE (102 19 464.5) 2002-04-30
- 

[21] 2,484,959  
[13] A1

- [51] Int.Cl. 7C07D 215/44
  - [25] EN
  - [54] QUINOLINE DERIVATIVES AS CASPASE-3 INHIBITOR, PREPARATION FOR PRODUCING THE SAME AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME
  - [54] DERIVES DE LA QUINOLINE INHIBITEURS DE LA CASPASE-3, PREPARATION SERVANT A LES OBTENIR, ET PREPARATIONS PHARMACEUTIQUES LES COMPRENANT
  - [72] KIM, SUNG-GYU, KR
  - [72] KONG, JAE-YANG, KR
  - [72] JUNG, YOON-SUNG, KR
  - [72] PARK, WOO-KYU, KR
  - [71] YUNGJIN PHARMACEUTICAL CO., LTD., KR
  - [71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
  - [85] 2004-10-29
  - [86] 2003-04-30 (PCT/KR2003/000875)
  - [87] 2003-11-13 (WO2003/093240)
  - [30] KR (10-2002-0023838) 2002-04-30
- 

[21] 2,484,968  
[13] A1

- [51] Int.Cl. 7A61K 31/496 7C07D 233/02  
7A61P 3/04 7C07D 401/12 7C07D 403/12  
7C07D 405/12 7C07D 409/12 7C07D 413/  
12 7C07D 207/16 7C07D 307/16 7C07D  
295/18 7C07D 333/20 7C07D 207/26  
7C07D 217/26 7C07D 265/30 7C07D 277/  
30 7C07D 207/32 7C07D 207/34 7C07D  
211/52 7C07D 307/52 7C07D 317/58  
7C07D 211/60 7C07D 211/62 7C07D 213/  
74
  - [25] EN
  - [54] SUBSTITUTED PIPERAZINE AS MELANOCORTIN RECEPTORS LIGANDS
  - [54] UTILISATION DE PIPERAZINES SUBSTIUEES COMME LIGANDS DU RECEPTEUR DE LA MELANOCORTINE
  - [72] WHITE, NICOLE, US
  - [72] JIANG, WANGLONG, US
  - [72] MARINKOVIC, DRAGAN, US
  - [72] CHEN, CHEN, US
  - [72] TUCCI, FABIO C., US
  - [72] NELSON, JODIE, US
  - [72] PARKER, JESSICA, US
  - [72] TRAN, JOE AHN, US
  - [72] LANIER, MARION C., US
  - [72] ARELLANO, MELISSA, US
  - [72] CHEN, CAROLINE, US
  - [72] PONTILLO, JOSEPH, US
  - [71] NEUROCRINE BIOSCIENCES, INC., US
  - [85] 2004-10-26
  - [86] 2003-05-09 (PCT/US2003/014628)
  - [87] 2003-11-20 (WO2003/094918)
  - [30] US (60/379,517) 2002-05-10
  - [30] US (60/422,272) 2002-10-29
- 

[21] 2,484,977  
[13] A1

- [51] Int.Cl. 7G06F 19/00
- [25] EN
- [54] SYSTEM AND METHOD FOR IDENTIFYING DATA STREAMS ASSOCIATED WITH MEDICAL EQUIPMENT
- [54] SYSTEME ET PROCEDE D'IDENTIFICATION DE TRAINS DE DONNEES ASSOCIES A DES INSTALLATIONS MEDICALES
- [72] RICHARDSON, WILLIAM R., CA
- [72] MARTUCCI, JAMES P., US
- [71] BAXTER INTERNATIONAL INC., US
- [85] 2004-10-29
- [86] 2003-04-28 (PCT/US2003/013095)
- [87] 2003-11-13 (WO2003/094090)
- [30] US (10/135,180) 2002-04-30
- [30] US (60/376,655) 2002-04-30

[21] 2,484,981  
[13] A1

- [51] Int.Cl. 7C07D 401/04 7A61P 29/00  
7C07D 405/12 7C07D 405/14 7C07D 251/  
50 7A61K 31/53
  - [25] EN
  - [54] 1,3,5-TRIAZINE DERIVATIVES AS LIGANDS FOR HUMAN ADENOSINE-A3 RECEPTORS
  - [54] DERIVES DE 1,3,5-TRIAZINE COMME LIGANDS POUR DES RECEPTEURS HUMAINS DE L'ADENOSINE A3
  - [72] GUSTAFSON, GARY R., US
  - [72] DEN HARTOG, JACOBUS A.J., NL
  - [72] PRAS-RAVES, MARIA L., NL
  - [72] REINDERS, JAN H., NL
  - [72] VAN SCHARRENBURG, GUUSTAAF J.M., NL
  - [71] SOLVAY PHARMACEUTICALS B.V., NL
  - [71] ARQULE, INC., US
  - [85] 2004-10-28
  - [86] 2003-05-28 (PCT/EP2003/050203)
  - [87] 2003-12-11 (WO2003/101980)
  - [30] EP (02077310.7) 2002-05-30
- 

[21] 2,484,982  
[13] A1

- [51] Int.Cl. 7A62B 7/10 7A62B 9/00 7A62B 19/00 7G05B 1/00 7F24J 3/00 7A61M 16/  
00 7A62B 23/02
- [25] EN
- [54] PORTABLE OXYGEN CONCENTRATION SYSTEM
- [54] SYSTEME PORTABLE DE CONCENTRATION D'OXYGENE
- [72] BIXBY, JAMES A., US
- [72] SALTER, EDMUND L., US
- [72] WINTER, DAVID P., US
- [72] APPEL, WILLIAM S., US
- [72] SWARD, BRIAN, US
- [72] SUGANO, MASATO, JP
- [71] TEIJIN LIMITED, JP
- [71] SEQUAL TECHNOLOGIES, INC., US
- [85] 2004-10-28
- [86] 2003-04-28 (PCT/US2003/013496)
- [87] 2003-11-13 (WO2003/092817)
- [30] US (10/134,868) 2002-04-29

## PCT Applications Entering the National Phase

---

**[21] 2,484,985**  
[13] A1

[51] Int.Cl. 7C07D 489/12 7C12P 17/04  
[25] EN  
[54] MICROBIAL N- AND O-DEMETHYLATION OF A THEBAINE DERIVATIVE  
[54] N- ET O-DEMETHYLATION MICROBIENNE D'UN DERIVE DE THEBAINE  
[72] CARNELL, ANDREW JOHN, GB  
[72] DAVIS, JOHN ALFRED, GB  
[71] RECKITT BENCKISER HEALTHCARE (UK) LIMITED, GB  
[85] 2004-10-28  
[86] 2003-04-24 (PCT/GB2003/001735)  
[87] 2003-11-20 (WO2003/095458)  
[30] GB (0210638.3) 2002-05-10

---

**[21] 2,484,986**  
[13] A1

[51] Int.Cl. 7H04M 3/22  
[25] EN  
[54] SUBSCRIBER LINE VALIDATION OF A TELEPHONE NETWORK  
[54] VALIDATION D'UNE LIGNE D'ABONNE D'UN RESEAU TELEPHONIQUE  
[72] CAMPS, CHRISTOPHER HUGH, GB  
[72] GUNN, CHRISTOPHER WILLIAM, GB  
[71] BRITISH TELECOMMUNICATIONS PUBLIC COMPANY LIMITED, GB  
[85] 2004-10-28  
[86] 2003-05-13 (PCT/GB2003/002056)  
[87] 2003-11-27 (WO2003/098903)  
[30] EP (02253416.8) 2002-05-15

---

**[21] 2,484,987**  
[13] A1

[51] Int.Cl. 7A23L 1/24 7A23D 7/00 7A23C 1/0524 7A23L 1/0562 7A23C 21/06 7A23C 21/08 7A23J 3/08 7A23C 9/13 7A23C 9/137 7A23C 13/14 7A23C 9/15 7A23J 1/20 7A23L 1/226  
[25] EN  
[54] FLAVOURED OIL-IN-WATER EMULSIONS FOR FOOD APPLICATIONS  
[54] EMULSIONS HUILE DANS EAU AROMATISEE POUR APPLICATIONS ALIMENTAIRES  
[72] GELIN, JEAN-LUC, FR  
[71] FIRMINICH SA, CH  
[85] 2004-10-28  
[86] 2003-05-07 (PCT/IB2003/001882)  
[87] 2003-11-27 (WO2003/096824)  
[30] IB (PCT/IB02/01763) 2002-05-16

---

**[21] 2,484,988**  
[13] A1

[51] Int.Cl. 7H01M 8/10 7F02C 6/00 7F02K 3/00 7B60K 6/04 7F02C 1/06 7B60L 11/18  
[25] EN  
[54] GAS TURBINE POWER GENERATING SYSTEM WITH FUEL CELL  
[54] SYSTEME DE GENERATION D'ELECTRICITE  
[72] TSUNODA, TADASHI, JP  
[71] HONDA GIKEN KABUSHIKI KAISHA, JP  
[85] 2004-10-28  
[86] 2003-05-14 (PCT/JP2003/005991)  
[87] 2003-11-27 (WO2003/097394)  
[30] JP (2002-141038) 2002-05-16  
[30] JP (2002-141039) 2002-05-16  
[30] JP (2002-141040) 2002-05-16

---

**[21] 2,485,027**  
[13] A1

[51] Int.Cl. 7A47F 5/00  
[25] EN  
[54] MODULAR RACK CONVERSION APPARATUS AND METHOD  
[54] PROCEDE ET DISPOSITIF POUR CONVERTIR UN CASIER MODULAIRE  
[72] THOMPSON, STEVEN C., US  
[72] WISHART, ANDREW S., US  
[71] L & P PROPERTY MANAGEMENT COMPANY, US  
[85] 2004-10-28  
[86] 2003-05-08 (PCT/US2003/014454)  
[87] 2003-11-20 (WO2003/094671)  
[30] US (60/378,773) 2002-05-08  
[30] US (10/155,851) 2002-05-24

---

**[21] 2,485,031**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEMS AND METHODS FOR IDENTIFYING FRAUD AND ABUSE IN PRESCRIPTION CLAIMS  
[54] SYSTEMES ET PROCEDES DE DETECTION DES FRAUDES ET ABUS DANS L'UTILISATION D'ORDONNANCES MEDICALES  
[72] ROWE, JAMES COUSER III, US  
[72] EIDEX, BRIAN, US  
[71] NDCHEALTH CORPORATION, US  
[85] 2004-10-27  
[86] 2003-05-16 (PCT/US2003/015982)  
[87] 2003-11-27 (WO2003/098400)  
[30] US (60/381,395) 2002-05-16

---

**[21] 2,485,034**  
[13] A1

[51] Int.Cl. 7G06F 17/60  
[25] EN  
[54] SYSTEMS AND METHODS FOR VERIFYING AND EDITING ELECTRONICALLY TRANSMITTED CLAIM CONTENT  
[54] SYSTEMES ET PROCEDES POUR VERIFIER ET EDITER LES CONTENUS DE DEMANDES DE PRESTATIONS TRANSMISES PAR VOIE ELECTRONIQUE  
[72] PINSONNEAULT, ROGER G., US  
[72] ROWE, JAMES COUSER III, US  
[71] NDCHEALTH CORPORATION, US  
[85] 2004-10-27  
[86] 2003-05-16 (PCT/US2003/015992)  
[87] 2003-11-27 (WO2003/098401)  
[30] US (60/381,395) 2002-05-16

## Demandes PCT entrant en phase nationale

---

[21] 2,485,040  
[13] A1

[51] Int.Cl. 7H02J 7/04  
[25] EN  
[54] DUAL TRANSFORMER HIGH FREQUENCY BATTERY CHARGER  
[54] CHARGEUR DE BATTERIE HAUTE FREQUENCE AVEC DEUX TRANSFORMATEURS  
[72] RANDOLPH, BRUCE, US  
[72] KRIEGER, MICHAEL, US  
[71] VECTOR PRODUCTS, INC., US  
[85] 2004-07-26  
[86] 2003-01-24 (PCT/US2003/002147)  
[87] 2003-08-07 (WO2003/065537)  
[30] US (60/350,897) 2002-01-25  
[30] US (60/363,302) 2002-03-11  
[30] US (10/270,391) 2002-10-15

---

[21] 2,485,064  
[13] A1

[51] Int.Cl. 7C12N 15/62 7C07K 19/00  
7C12P 21/02 7C12N 15/12 7A61K 38/38  
7A61K 38/55 7C07K 14/765 7C07K 14/81  
[25] EN  
[54] ALBUMIN-FUSED KUNITZ DOMAIN PEPTIDES  
[54] PEPTIDES DU DOMAINE KUNITZ FUSIONNES A L'ALBUMINE  
[72] LADNER, ROBERT CHARLES, US  
[72] HAUSER, HANS-PETER, DE  
[72] WEIMER, THOMAS, DE  
[72] SLEEP, DARRELL, GB  
[72] ROMBERG, VAL, US  
[72] KEE, SCOTT M., US  
[72] LEY, ARTHUR C., US  
[71] DELTA BIOTECHNOLOGY LIMITED, GB  
[71] DYAX CORP., US  
[85] 2004-08-04  
[86] 2003-02-07 (PCT/US2003/003616)  
[87] 2003-08-14 (WO2003/066824)  
[30] US (60/355,547) 2002-02-07

---

[21] 2,485,067  
[13] A1

[51] Int.Cl. 7F42B 12/34  
[25] EN  
[54] PARTIAL FRAGMENTATION AND DEFORMATION BULLETS HAVING AN IDENTICAL POINT OF IMPACT  
[54] PROJECTILE A DECOMPOSITION PARTIELLE ET A DEFORMATION A POINT D'IMPACT IDENTIQUE  
[72] SCHIKORA, IRENE, DE  
[72] KRAUSE, BERND, DE  
[72] RIESS, FRIEDRICH, DE  
[71] RUAG AMMOTEC GMBH, DE  
[85] 2004-10-28  
[86] 2003-04-30 (PCT/EP2003/004503)  
[87] 2003-11-13 (WO2003/093758)  
[30] DE (102 19 480.7) 2002-04-30  
[30] DE (103 17 404.4) 2003-04-15

---

[21] 2,485,069  
[13] A1

[51] Int.Cl. 7B05C 5/02 7A61L 31/00  
7B05B 13/02 7B05B 13/04 7B05B 12/12  
[25] EN  
[54] STENT COATING DEVICE  
[54] DISPOSITIF PERMETTANT D'APPLIQUER UN REVETEMENT SUR UNE ENDOPROTHESE  
[72] SHMULEWITZ, ASCHER, IL  
[72] SHEKALIM, AVRAHAM, IL  
[71] LABCOAT LTD., IE  
[85] 2004-10-28  
[86] 2003-05-01 (PCT/IB2003/002270)  
[87] 2003-11-13 (WO2003/092909)  
[30] US (10/136,295) 2002-05-02

---

[21] 2,485,081  
[13] A1

[51] Int.Cl. 7A61K 45/06 7A61P 9/00  
[25] EN  
[54] PHARMACEUTICAL COMPOSITION COMPRISING A RENIN INHIBITOR, A CALCIUM CHANNEL BLOCKER AND A DIURETIC  
[54] COMPOSITION PHARMACEUTIQUE COMPRENANT UN INHIBITEUR DE RENINE, UN AGENT DE BLOCAGE DU CANAL DU CALCIUM ET UN DIURETIQUE  
[72] FELDMAN, DAVID LOUIS, US  
[72] WEBB, RANDY LEE, US  
[71] NOVARTIS AG, CH  
[85] 2004-11-02  
[86] 2003-05-16 (PCT/EP2003/005188)  
[87] 2003-11-27 (WO2003/097098)  
[30] US (60/381,546) 2002-05-17

---

[21] 2,485,082  
[13] A1

[51] Int.Cl. 7B04B 1/20  
[25] EN  
[54] SOLID BOWL SCREW CENTRIFUGE COMPRISING A PEELING DISK, AND METHOD FOR THE OPERATION THEREOF  
[54] CENTRIFUGEUSE A BOL PLEIN A VIS SANS FIN, COMPORTANT UN DISQUE D'EPLUCHAGE, ET PROCEDE POUR FAIRE FONCTIONNER LADITE CENTRIFUGEUSE  
[72] HERBERG, WOLF-DIETRICH, DE  
[72] OSTKAMP, WILHELM, DE  
[72] KRAMER, FRANZ, DE  
[71] WESTFALIA SEPARATOR AG, DE  
[85] 2004-11-02  
[86] 2003-05-27 (PCT/EP2003/005530)  
[87] 2003-12-04 (WO2003/099446)  
[30] DE (102 23 802.2) 2002-05-29

---

[21] 2,485,085  
[13] A1

[51] Int.Cl. 7B65D 30/16 7B65D 75/00  
7B65D 33/02  
[25] EN  
[54] A PACKAGE AND A METHOD OF FILLING THEREOF  
[54] EMBALLAGE ET PROCEDE DE REMPLISSAGE DE CELUI-CI  
[72] ERIKSSON, VILHO, SE  
[71] ERIKSSON, VILHO, SE  
[85] 2004-11-02  
[86] 2003-04-29 (PCT/SE2003/000683)  
[87] 2003-11-13 (WO2003/093125)  
[30] SE (0201337-3) 2002-05-03

---

[21] 2,485,087  
[13] A1

[51] Int.Cl. 7G06F 12/02 7G06F 9/44  
[25] EN  
[54] SIMPLIFIED DEALLOCATION OF MEMORY FOR PROGRAMMING OBJECTS  
[54] LIBERATION DE MEMOIRE SIMPLIFIEE POUR OBJETS DE PROGRAMMATION  
[72] LARI, MOHAMMED SHOAIB, US  
[72] KASAMSETTY, RAVIKANTH, CA  
[72] KRISHNASWAMY, SRINATH, US  
[71] ORACLE INTERNATIONAL CORPORATION, US  
[85] 2004-11-02  
[86] 2003-04-28 (PCT/US2003/013276)  
[87] 2003-11-20 (WO2003/096196)  
[30] US (60/378,871) 2002-05-07  
[30] US (60/384,646) 2002-05-31  
[30] US (10/209,514) 2002-07-30

---

## PCT Applications Entering the National Phase

---

**[21] 2,485,088**  
[13] A1

[51] Int.Cl. 7D04H 1/46 7D04H 3/10  
[25] EN  
[54] CLEANING ARTICLE EXHIBITING  
[54] ARTICLE NETTOYANT A OCCLUSION DE SURFACE REDUITE  
[72] CARTER, NICK, US  
[72] CARLSON, CHERYL, US  
[71] POLYMER GROUP INC., US  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/013673)  
[87] 2003-11-13 (WO2003/093556)  
[30] US (60/377,065) 2002-05-02

**[21] 2,485,090**  
[13] A1

[51] Int.Cl. 7A61K 31/66  
[25] EN  
[54] METHODS AND COMPOSITIONS FOR STIMULATING BONE GROWTH USING NITRIC OXIDE RELEASING BISPHOSPHONATE CONJUGATES (NO-BISPHOSPHONATE)  
[54] PROCEDES ET COMPOSITIONS STIMULANT LA CROISSANCE OSSEUSE A L'AIDE DE L'OXYDE NITRIQUE LIBERANT DES CONJUGUES DE BISPHOSPHONATE  
[72] GARRETT, ROSS I., US  
[71] OSTEOSCREEN, INC., US  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/013696)  
[87] 2003-12-24 (WO2003/105752)  
[30] US (60/377,898) 2002-05-02

**[21] 2,485,091**  
[13] A1

[51] Int.Cl. 7C11C 3/00 7C11C 3/12 7C08F 20/26  
[25] EN  
[54] HYDROGENATED AND PARTIALLY HYDROGENATED HEAT-BODIED OILS  
[54] HUILES STANDOLISEES HYDROGENEES ET PARTIELLEMENT HYDROGENEES  
[72] BLOOM, PAUL D., US  
[71] ARCHER-DANIELS-MIDLAND COMPANY, US  
[85] 2004-11-02  
[86] 2003-05-02 (PCT/US2003/013727)  
[87] 2003-11-13 (WO2003/093404)  
[30] US (60/376,807) 2002-05-02  
[30] US (60/403,505) 2002-08-15  
[30] US (60/434,419) 2002-12-19

**[21] 2,485,180**  
[13] A1

[51] Int.Cl. 7F16L 55/162  
[25] EN  
[54] DUCT SEEPAGE REDUCTION  
[54] REDUCTION DE LA PERCOLATION DE CONDUITS  
[72] MCEWAN, IAN KENNETH, GB  
[72] CHIRNSIDE, IAIN BEVERIDGE, GB  
[72] RYAN, NICHOLAS JOHN, GB  
[71] ABERDEEN UNIVERSITY, GB  
[85] 2004-10-29  
[86] 2003-04-29 (PCT/GB2003/001847)  
[87] 2003-11-13 (WO2003/093713)  
[30] GB (0209771.5) 2002-04-29

**[21] 2,485,403**  
[13] A1

[51] Int.Cl. 7A61K 7/48  
[25] EN  
[54] USE OF PURSLANE TO TREAT FACIAL WRINKLES  
[54] UTILISATION DE POURPIER POUR LE TRAITEMENT DE RIDES DU VISAGE  
[72] JONES, BRIAN C., US  
[71] AVON PRODUCTS, INC., US  
[85] 2004-06-22  
[86] 2003-12-17 (PCT/US2003/040443)  
[87] 2004-07-22 (WO2004/060289)  
[30] US (10/334,886) 2002-12-31

**[21] 2,485,882**  
[13] A1

[51] Int.Cl. 7A61K 38/17 7A61K 48/00 7A61P 31/04 7A61P 31/06  
[25] EN  
[54] REMEDY FOR INFECTIONS  
[54] REMEDE CONTRE LES INFECTIONS  
[72] OKADA, MASAJI, JP  
[72] NAGATA, KINYA, JP  
[72] OGAWA, KAZUYUKI, JP  
[72] TAKAMORI, YASUSHI, JP  
[71] OKADA, MASAJI, JP  
[71] TAKAMORI, YASUSHI, JP  
[71] NATIONAL HOSPITAL ORGANIZATION, JP  
[71] AZBIO CORP, JP  
[85] 2004-08-23  
[86] 2003-02-24 (PCT/JP2003/001970)  
[87] 2003-08-28 (WO2003/070268)  
[30] JP (2002-45865) 2002-02-22

**[21] 2,486,381**  
[13] A1

[51] Int.Cl. 7A61K 7/42  
[25] EN  
[54] LIPASE INHIBITING COMPOSITION  
[54] COMPOSITION INHIBITRICE DES LIPASES  
[72] DEGENHARDT, CHARLES RAYMOND, US  
[72] GARRETT, GARRY STEVEN, US  
[72] KACZVINSKY, JOSEPH ROBERT, JR., US  
[72] SAUNDERS, CHARLES WINSTON, US  
[72] REEDER, NANCY LYNN, US  
[72] GALE, CELESTE DAWN, US  
[72] EICKHOFF, DAVID JOSEPH, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-08-19  
[86] 2003-02-19 (PCT/US2003/004977)  
[87] 2003-08-28 (WO2003/070204)  
[30] US (60/357,800) 2002-02-19  
[30] US (60/358,196) 2002-02-20

**[21] 2,486,388**  
[13] A1

[51] Int.Cl. 7C07K 14/37 7C12P 21/06 7C12N 1/15 7C12N 9/20 7C12N 1/21 7C12Q 1/44 7C12N 15/52  
[25] EN  
[54] NOVEL FUNGAL LIPASE  
[54] NOUVELLE LIPASE FONGIQUE  
[72] WALTER, RICHARD LEE, JR., US  
[72] DAWSON, THOMAS LARRY, US  
[72] DEANGELIS, YVONNE MARIE, US  
[72] JOHNSTONE, KEVIN ROBERT, US  
[72] SAUNDERS, CHARLES WINSTON, US  
[72] KACZVINSKY, JOSEPH ROBERT, JR., US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 2004-08-19  
[86] 2003-02-19 (PCT/US2003/004976)  
[87] 2003-08-28 (WO2003/070907)  
[30] US (60/357,801) 2002-02-19  
[30] US (60/358,198) 2002-02-20  
[30] US (60/361,003) 2002-03-01

## Demandes PCT entrant en phase nationale

---

[21] 2,486,833

[13] A1

[51] Int.Cl. 7A61K 9/20

[25] EN

[54] PHARMACEUTICAL  
COMPOSITION AS SOLID DOSAGE

FORM AND METHOD FOR

MANUFACTURING THEREOF

[54] COMPOSITION

PHARMACEUTIQUE COMME FORME

POSOLOGIQUE SOLIDE ET PROCEDE

DE FABRICATION ASSOCIE

[72] OLSSON, LARS-ERIK, SE

[72] LOMRYD, HAKAN, SE

[72] NICKLASSON, HELENA, SE

[71] FERRING B.V., NL

[85] 2004-11-17

[86] 2004-04-30 (PCT/EP2004/004597)

[87] 2004-11-11 (WO2004/096181)

[30] EP (03009659.8) 2003-04-30

## **PCT Applications Entering the National Phase**

# 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

---

[21] 2,484,199  
[13] A1

[51] Int.Cl. 7A44B 19/42 7A44B 19/00  
7B65B 43/00 7B65D 33/25 7B29C 65/56  
[25] EN  
[54] ZIPPER AND ZIPPER  
ARRANGEMENTS AND METHODS OF  
MANUFACTURING THE SAME  
[54] FERMETURE A GLISIERE,  
AGENCEMENTS ET PROCEDES DE  
FABRICATION DE CETTE  
FERMETURE  
[72] DOBRESKI, DAVID V., US  
[72] PROVAN, ALEXANDER R., US  
[72] COOMBER, THOMAS L., US  
[72] THOMAS, TOBY R., US  
[72] BARCLAY, IAN J., US  
[71] PACTIV CORPORATION, US  
[22] 2000-05-05  
[41] 2000-11-16  
[62] 2,336,693  
[30] US (09/307,937) 1999-05-10

---

[21] 2,484,203  
[13] A1

[51] Int.Cl. 7C08L 27/06 7E04F 19/02  
[25] EN  
[54] IMPROVED PVC BUILDING TRIM  
[54] MATERIAU DE FINITION  
AMELIORE EN PVC POUR LA  
CONSTRUCTION  
[72] VANDERPOOL, PETER J., US  
[72] ANDERSON, CARL E., US  
[71] ANDERSON, CARL E., US  
[22] 1996-02-16  
[41] 1996-08-29  
[62] 2,186,944  
[30] US (08/393,869) 1995-02-24

---

---

[21] 2,484,573  
[13] A1

[51] Int.Cl. 7B01D 65/06 7B08B 3/08  
7B01D 35/16  
[25] EN  
[54] METHOD OF CLEANING ON  
IMMERSED-MEMBRANE  
FILTRATION APPARATUS  
[54] PROCEDE DE NETTOYAGE  
D'UNE INSTALLATION DE  
FILTRATION DU TYPE A MEMBRAN  
ES IMMERGEES  
[72] TAZI-PAIN, ANNIE, FR  
[72] GRELIER, PATRICIA, FR  
[72] COTE, PIERRE, FR  
[71] ZENON ENVIRONMENTAL INC., CA  
[71] OTV OMNIUM DE TRAITEMENTS  
ET DE VALORISATION & ZENON  
ENVIRONMENTAL INC., FR  
[22] 1996-11-19  
[41] 1997-05-29  
[62] 2,236,840  
[30] FR (95/14188) 1995-11-22

---

[21] 2,484,583  
[13] A1

[51] Int.Cl. 7G01N 37/00 7G01N 33/96  
[25] EN  
[54] GLUCOSE MONITOR  
CALIBRATION METHODS  
[54] PROCEDE D'ETALONNAGE D'UN  
DISPOSITIF DE SURVEILLANCE DU  
GLUCOSE  
[72] GROSS, TODD M., US  
[72] MASTROTOTARO, JOHN J., US  
[72] SHIN, JOHN, US  
[71] MEDTRONIC MINIMED INC, US  
[22] 2000-02-24  
[41] 2000-08-31  
[62] 2,353,486  
[30] US (60/121584) 1999-02-25  
[30] US (09/511580) 2000-02-23

---

---

[21] 2,485,248  
[13] A1

[51] Int.Cl. 7B07C 5/04  
[25] EN  
[54] METHOD AND APPARATUS FOR  
PALLETIZING PACKAGES OF  
RANDOM SIZE AND WEIGHT  
[54] PROCEDE ET APPAREIL  
PERMETTANT DE PALETTISER DES  
COLIS DE TAILLE ET POIDS  
IRREGULIERS  
[72] HUANG, PAO-TER, US  
[72] LECKO, JOHN H., US  
[72] PENKAR, RAJAN CHANDRAKANT,  
US  
[72] JACKSON, PETER DOUGLAS, US  
[72] SNYDER, JOSEPH P., JR., US  
[72] CAI, CHRISTOPHER CHUNSHENG,  
US  
[72] JANIK, JAROSLAV, US  
[71] UNITED PARCEL SERVICE OF  
AMERICA, INC., US  
[22] 1997-11-21  
[41] 1998-06-04  
[62] 2,272,614  
[30] US (08/756,675) 1996-11-26

---

[21] 2,485,309  
[13] A1

[51] Int.Cl. 7H04L 12/26 7G06F 11/22  
[25] EN  
[54] BOUNDARY SCAN ELEMENT AND  
COMMUNICATION DEVICE MADE BY  
USING THE SAME  
[54] ELEMENT DE TEST  
PERIPHERIQUE ET DISPOSITIF DE  
COMMUNICATION REALISE A L'AIDE  
DUDIT ELEMENT  
[72] NAGOYA, MITSUGU, JP  
[71] NAGOYA, MITSUGU, JP  
[71] KOKEN CO., LTD., JP  
[22] 1998-05-29  
[41] 1998-12-10  
[62] 2,291,681  
[30] JP (9/143,804) 1997-06-02

## Canadian Divisional and Previously Unavailable Applications Open to Public Inspection

---

[21] **2,485,314**  
[13] A1

[51] Int.Cl. 7B32B 35/00 7B32B 31/08  
[25] EN  
[54] AUTOMATIC GUIDE ARMS APPARATUS AND METHOD  
[54] METHODE ET DISPOSITIF A BRAS DE GUIDAGE AUTOMATIQUE  
[72] ROBITAILLE, MARTIN, CA  
[72] GAGNON, STEVE, CA  
[71] ROBITAILLE, MARTIN, CA  
[71] GAGNON, STEVE, CA  
[22] 2001-04-03  
[41] 2002-10-03  
[62] 2,342,495  
[30] CA (2,342,496) 2001-04-03

---

[21] **2,485,526**  
[13] A1

[51] Int.Cl. 7H04N 1/23 7G03B 27/32  
7H04N 1/387  
[25] EN  
[54] PICTURE IMAGE OUTPUTTING METHOD AND PHOTOGRAPH FINISHING SYSTEM USING THE METHOD  
[54] METHODE DE PRODUCTION D'IMAGES ET SYSTEME DE FACONNAGE PHOTOGRAPHIQUE UTILISANT CETTE METHODE  
[72] SHIOTA, KAZUO, JP  
[72] OHTSUKA, SHUICHI, JP  
[72] HANEDA, NORIHISA, JP  
[72] TANAKA, HIROSHI, JP  
[72] MAKISHIMA, SUGIO, JP  
[72] NAKAJIMA, NOBUYOSHI, JP  
[71] FUJI PHOTO FILM CO., LTD., JP  
[22] 1997-11-20  
[41] 1998-05-20  
[62] 2,459,142  
[30] JP (309322/1996) 1996-11-20  
[30] JP (309323/1996) 1996-11-20  
[30] JP (161660/1997) 1997-06-18  
[30] JP (161661/1997) 1997-06-18

---

[21] **2,485,547**  
[13] A1

[51] Int.Cl. 7G10L 19/00  
[25] EN  
[54] DEVICE, METHOD AND PROGRAM FOR ENCODING/ DECODING OF SPEECH WITH FUNCTION OF ENCODING SILENT PERIOD  
[54] DISPOSITIF DE CODAGE/ DECODAGE DE LA VOIX ET CODAGE DES PARTIES NON VOCALES, PROCEDE DE DECODAGE, ET SUPPORT ENREGISTRE D'ENREGISTREMENT DE PROGRAMME  
[72] ITO, HIRONORI, JP  
[72] SERIZAWA, MASAHIRO, JP  
[71] NEC CORPORATION, JP  
[22] 2000-05-31  
[41] 2000-12-07  
[62] 2,373,479  
[30] JP (11/152380) 1999-05-31  
[30] JP (11/298795) 1999-10-20

---

[21] **2,486,467**  
[13] A1

[51] Int.Cl. 7G07F 7/00 7G07G 1/00  
[25] EN  
[54] TERMINAL FOR LIBRARIES AND THE LIKE  
[54] TERMINAL POUR BIBLIOTHEQUES ET AUTRES  
[72] MARSOLEK, GERALD G., US  
[72] SCHWIETZ, JOSEPH E., US  
[72] WURZ, RONALD C., US  
[72] GRUNES, MITCHELL B., US  
[72] MCLEOD, KATHLEEN M., US  
[71] MINNESOTA MINING AND MANUFACTURING COMPANY, US  
[22] 1999-03-11  
[41] 1999-10-21  
[62] 2,326,592  
[30] US (09/058547) 1998-04-10

# Index of Canadian Patents Issued

February 1, 2005

## Index des brevets canadiens délivrés

1 fevrier 2005

177197 CANADA LTEE	2,109,172	ANGUS, ROSS M.	2,376,793	BAYER CORPORATION	2,082,605
A. K. TECHNICAL LABORATORY, INC.	2,191,299	ANZAI UNIVERSAL LABORATORY CO., LTD.	2,364,784	BEAUDOIN, GAETAN	2,150,068
ABB LUMMUS GLOBAL INC.	2,302,755	APPELBE, HARVEY	2,239,374	BEAUPRE, FRANCE	2,218,935
ABBOTT LABORATORIES	2,419,729	WILLIAM FRANCIS	2,198,992	BEESON, KARL WAYNE	2,168,024
ACADEMIC PHARMACEUTICALS	2,133,324	APPLEYARD, F. JOSEPH	2,196,205	BEESON, RICHARD	2,315,310
ACCURIDE INTERNATIONAL, INC.	2,101,205	ARAI, MOTOHARU	2,204,228	BELL, MICHAEL S. G.	2,353,723
ADVANCED RESEARCH & TECHNOLOGY INSTITUTE, INC.	2,373,351	ARAI, NAOHISA	2,187,033	BENDA, RAINER	2,208,641
AEA TECHNOLOGY QSA GMBH	2,385,369	ARCH DEVELOPMENT CORPORATION	2,347,893	BENNETT, SCOTT A.	2,356,813
AG COMMUNICATION SYSTEMS CORPORATION	2,288,289	ARCOT SYSTEMS, INC.	2,257,349	BESKIT, WILLIAM D.	2,305,284
AGEEV, SHARIFZHAN RAKHOVICH	2,310,062	ARETHENS, JEAN-PIERRE	2,261,584	BETTENHAUSEN, ROGER V.	2,190,047
AHR, NICHOLAS ALBERT	2,270,480	ASANO, YOSHIKAZU	2,296,080	BINDING, CARL	2,337,012
AHSBAHS, FRANCOISE	2,174,398	ASGHARIAN, BAHRAM	2,166,562	BIOMERIEUX, INC.	2,302,067
AINSLEY, JOHN	2,127,751	ASHLAND INC.	2,266,712	BITONTI, ALAN J.	2,320,448
AIZATULOV, RAFIK SABIROVICH	2,157,197	ASHLEY, ROBERT ERVIN, III	2,183,976	BLACKFORD, DAMON J.	2,305,284
AKIMOTO, KENGO	2,196,205	ASKIN, DAVID	2,434,275	BODHAINE, JAMES	2,240,762
AKTSIONERNOE OBSCHESTVO OTKRYTOGO TIPA "ZAPADNO-SIBIRSKY METALLURGICHESKY KOMBINAT"	2,157,197	ASPECT MEDICAL SYSTEMS, INC.	2,269,205	BOIVIN, MATHIEU	2,316,584
ALBANY INTERNATIONAL CORP.	2,209,529	AUTOMOTIVE SYSTEMS LABORATORY, INC.	2,167,509	BOLEN, PHILIP D.	2,188,037
ALCAN INTERNATIONAL LIMITED	2,339,019	AVENTIS PHARMA LIMITED	2,320,448	BONNINGUE, PHILIPPE	2,319,960
ALCON LABORATORIES, INC.	2,296,080	AVENTIS	2,365,028	BORCHERDING, DAVID R.	2,320,448
ALCON REFRACTIVEHORIZONS, INC.	2,188,037	PHARMACEUTICALS INC.	2,267,329	BOS, MICHAEL A.	2,095,935
ALDRIDGE, DONALD	2,169,133	AVERY DENNISON CORPORATION	2,198,992	BOTHA, MICHEL J.	2,445,030
ALLER, HAROLD ERNEST	2,124,888	AVM, INC.	2,112,416	BOURGAULT INDUSTRIES LTD.	2,376,424
ALTANA PHARMA AG	2,156,078	AWI LICENSING COMPANY	2,210,319	BOWE BELL + HOWELL COMPANY	2,304,031
AMANO, MASANORI	2,261,584	BADER, ROLF	2,198,992	BOYARSKI, JOSEPH LEE	2,389,815
AMANO, SATOSHI	2,090,560	BAENSCH, JOHANNES	2,322,407	BOYD, RICHARD M.	2,267,329
AMERSHAM BIOSCIENCES AKTIEBOLAG	2,392,811	BAGLEY, GEORGE E.	2,356,813	BOYDLE, TIMOTHY	2,138,852
AMPLEMAN, GUY	2,218,935	BAI, XUEMING	2,239,374	BP CORPORATION NORTH AMERICA INC.	2,208,641
ANDERSSON, MAGNUS	2,235,822	BAILEY, THOMAS WILLIAM	2,325,761	BPB INDUSTRIES PUBLIC LIMITED COMPANY	2,127,751
ANDERSSON, MATTS	2,081,588	BAKER HUGHES INCORPORATED	2,270,074	BRADSHAW, JOHN JAMES	2,127,751
ANDERSSON, RALF GORAN	2,392,811	BALLARD MEDICAL PRODUCTS	2,081,531	BRAUNSCHWEIG, JAMES R.	2,449,674
ANDO, KOUJI	2,299,960	BARBATO, FRANCIS T.	2,082,605	BREDA, SILVANO	2,253,115
ANDREASSON, SUNE	2,243,112	BARNETT, THOMAS R.	2,142,583	BRENDEN, RITA A.	2,147,281
ANDRIST, KEVIN M.	2,336,393	BARTON, PAUL	2,257,095	BREUEL, THOMAS M.	2,327,027
ANDRITZ AG	2,230,829	BASF	2,419,866	BRIDGESTONE CORPORATION	2,100,105
		AKTIENGESELLSCHAFT	2,230,829	BRISTOL-MYERS SQUIBB COMPANY	2,147,281
		BATEMAN, ROBERT	2,174,398	BROKEN HILL PROPRIETARY COMPANY LIMITED (THE)	2,166,407
		HAROLD	2,267,329	BROOME, JOHN T.	2,325,761
		BAUBOCK, JORG	2,268,822	BROWNING, ANDREW FRANCIS	2,362,698
		BAUDART, THIERRY	2,268,822	BRUNTZ, JORDAN S.	2,274,991
		BAUMAN, WALTER	2,325,761	BUJAS, ROKO S. V.	2,093,296
		DOUGLAS	2,325,761	BULLEN, JOHN V.	2,208,641
		BAUSCH & LOMB	2,325,761	BURBIDGE, DOUGLAS S.	2,201,564
		INCORPORATED	2,325,761	BURKEY, JENNIFER	2,147,281
		BAYCROFT, PERRY D.	2,204,051	BURNS, SEAN P.	2,269,205
		BAYER	2,204,051	BURTON, SCOTT RICHARD	2,339,538
		AKTIENGESELLSCHAFT			

**Index of Canadian Patents Issued  
February 1, 2005**

BUSCHMANN, ULRICH	2,249,844	DEN NORSKE STATS OLJESELSKAP A.S.	2,246,670	ESSILOR INTERNATIONAL	2,174,398
CAMPBELL, JOHN D.	2,336,393	DENT, PAUL W.	2,097,861	ETHICON, INC.	2,102,955
CANADIAN SPACE AGENCY	2,367,690	DEPUY ORTHOPAEDICS INC.	2,365,414	EXXON RESEARCH AND ENGINEERING COMPANY	2,150,270
CANDLE CORPORATION OF AMERICA	2,081,531	DESCHENES, CHARLES L.	2,365,028	FALK-PEDERSEN, OLAV	2,261,819
CANESSA, CARLOS E.	2,136,018	DEYOUNG, DOUGLAS J.	2,336,393	FARR, MARVIN KENNETH	2,374,240
CANICA DESIGN INC.	2,353,723	DI CESARE, JOSEPH L.	2,285,219	FIDO, PETER MARK	2,148,832
CAPRIOLIO, GIOVANNI C.	2,093,296	DIEBOLD, INCORPORATED	2,305,284	FISCHER, GEORGE L.	2,351,099
CARL FREUDENBERG KG	2,305,114	DIVERSA CORPORATION	2,325,351	FISHKIN, KENNETH P.	2,327,027
CARLSSON, LENNART	2,081,588	DIVERSEY IP INTERNATIONAL BV	2,231,460	FLATT, PETER	2,112,416
CARRIERE, GENE	2,425,448	DOBBERTIN, MICHAEL T.	2,359,017	FOLLETT, GARY J.	2,118,766
CHAMBERLIN, JAMES B.	2,267,329	DOHERTY, JOHN A.	2,272,541	FORINTEK CANADA CORP.	2,197,141
CHAMOUN, NASSIB G.	2,434,275	DOLBY LABORATORIES LICENSING CORPORATION	2,387,701	FOSBINDER, DANIEL	2,315,310
CHANG, CLARENCE DAYTON	2,129,248	DOROGOKUPETS, GENNADY LEONIDOVICH	2,310,062	FREY, RUDOLPH W.	2,188,037
CHANG, YUN-FENG	2,302,755	DOUTRE, DON ALLEN	2,339,019	FRIANT, JAMES E.	2,260,809
CHARON, MARTINE	2,094,261	DOW AGROSCIENCES LLC	2,124,888	FRIGGSTAD, DOUGLAS W.	2,221,388
CHASE/DURUS INDUSTRIES	2,197,533	DRAGANICH, LOUIS F.	2,187,033	FRITSCHE, GALE R.	2,093,296
CHENG, STEPHEN Z.D.	2,160,908	DRISCOLL, JAMES N.	2,304,031	FUJI CHEMICAL INDUSTRY CO., LTD.	2,385,369
CHIANG, HSING-HSING	2,434,275	DROUIN, YVES	2,150,068	FUJIKIN INCORPORATED	2,127,740
CHINA NATIONAL PETROLEUM CORPORATION	2,322,407	DUCLOS, ROSELYNE	2,182,024	FUKUI, ATSUSHI	2,149,183
CHRYSTIE, PETER JOHN	2,142,583	DUDASH, DONALD	2,304,031	FUKUSHIMA, TAKASHI	2,299,960
CHYLLA, RICHARD	2,336,393	DUER, MICHAEL J.	2,316,287	G.D. SEARLE & CO.	2,345,666
CIAO, ANGELO	2,194,827	DUFNER, DANIEL LEE	2,342,088	GAGNON, STEVE	2,239,964
CLARK, RICHARD HUGH	2,167,083	DUMONT, JENNIFER A.	2,320,448	GAIER, WALTER	2,342,495
CLARK, ROSS G.	2,083,159	DUNSKY, COREY M.	2,373,565	GALL, ROBERT A.	2,210,319
CLEARANT, INC.	2,167,528	DURAMETAL CORPORATION	2,387,425	GALLAGHER, JAMES E.	2,361,101
CLEMMER, DAVID E.	2,373,351	EASTMAN KODAK COMPANY	2,359,017	GEDEN, JOANNA VICTORIA	2,307,727
CLOYD, MICHAEL	2,197,533	EATON CORPORATION	2,240,078	HELLERT, JOBST ULRICH	2,362,698
CNH CANADA LTD./CNH CANADA LTEE	2,221,388	ECKEL MANUFACTURING COMPANY, INC.	2,236,975	GENENTECH, INC.	2,154,969
COGNOS INCORPORATED	2,316,643	EDWARDS, DAVID	2,433,958	GENERAL ATOMICS	2,083,159
COLLINGTON, ERIC WILLIAM	2,362,698	EDWARDS, KEITH RUSSELL	2,142,583	GENERAL ELECTRIC COMPANY	2,093,296
COLTEC NORTH CAROLINA INC	2,264,841	EHRENPREIS, SEYMOUR	2,133,324	GENERAL MAGIC, INC.	2,258,673
COMPUTER ASSOCIATES THINK, INC.	2,347,748	EINSTEIN/NOAH BAGEL CORP.	2,247,810	GEORGE, CLAYTON A.	2,143,672
CONCORD METAL MANUFACTURING INC.	2,453,862	EISENKOLB CONFECTIEMACHINES B.V.	2,102,761	GEURTSEN, FRIEDRICH H. H.	2,118,766
CONOCOPHILLIPS COMPANY	2,361,540	EISENKOLB, GUSTAAF JOZEF	2,102,761	GILES, KEVIN	2,349,534
COOPER, WILLIAM J.	2,365,028	EISENMANN CORPORATION	2,302,069	GINGRAS, LUC	2,419,866
CORCORAN, JEREMY J.	2,417,176	ELECTRO SCIENTIFIC INDUSTRIES, INC.	2,373,565	GISSELBRECHT, SYLVIE	2,387,425
CORKE, ROBERT JOHN	2,370,191	ELI LILLY AND COMPANY	2,118,569	GODWIN, ANDREW	2,094,261
CORNING INCORPORATED	2,168,024	ELLEFSEN, OLAV VAAGE	2,246,670	GOLDADE, DON	2,259,889
COUTURE, MICHAEL V.	2,150,361	ELLINGSON, DAVID I.	2,274,991	GOLDMAN, STUART O.	2,425,448
CRABTREE, RICHARD W.	2,302,904	EL-TAHAN, HUSSEIN	2,367,690	GOLDRING, TONY S.	2,288,289
CRITELLI, MICHAEL J.	2,391,768	EL-TAHAN, MONA	2,367,690	GOMES, JOSE ANTONIO DA CUNHA PONCIANO	2,211,580
CROCKER, IAN R.	2,362,559	ELTING, JAMES J.	2,082,605	GOMEZ, DANIEL GUZMAN	2,171,520
CROGLIO, NICHOLAS J.	2,373,565	ELTOMI, SAM F.	2,166,562	GOODWIN, JAMES	2,302,069
CRONIN, MICHAEL J.	2,083,159	ENG, KAN K.	2,183,976	GOSSAK, KURT	2,239,374
CURRIE, MARK G.	2,239,964	ENICHEM S.P.A.	2,206,263	GRAEF, H. THOMAS	2,177,594
CVIJETIC, MILORAD	2,201,564	EPHRAIM, STEPHEN RUSSELL	2,374,240	GRANT, RICHARD L.	2,305,284
DANNSTROM, HENRIK	2,261,819	ERICSSON INC.	2,097,861	GRENDOL, CLARK L.	2,102,955
DAVIGNON, PAUL A.	2,365,028	ERICSSON INC.	2,311,760	GRIMLUND, OLLE ERIK	2,365,028
DE LA RUE GIORI S.A.	2,232,695	ERICSSON, HANS BIRGER	2,253,917	GRISMORE, JOHN R.	2,235,822
DE NOVO, INC.	2,193,770	ESHBACH, JOHN R., JR.	2,198,992	GRUNDLER, GERHARD	2,361,540
DEBLING, JON A.	2,336,393	ESPINOZA, ANTONIO BELISARIO DURAN	2,302,069	GUPTA, AMIT	2,156,078
DEC INTERNATIONAL, INC.	2,272,109			GUSIN, NIKOLAI VASILIEVICH	2,109,172
DEERE & COMPANY	2,342,088			H.K. COMPOSITES, INC.	2,373,565
DEERE & COMPANY	2,374,240			HAAS, GERALD	2,341,373
DELEO, DAVID B.	2,136,282			HAENISCH, THOMAS J.	2,157,558
DEMOS, GARY A.	2,387,701			HALL, BOBBY E.	2,325,761

**Index des brevets canadiens délivrés**  
**1 fevrier 2005**

HALLIBURTON ENERGY SERVICES, INC.	2,170,597	INTERDIGITAL TECHNOLOGY CORPORATION	2,384,850	KHANDHADIA, PARESH S.	2,269,205
HAMADA, TOSHIMICHI	2,204,228	INTERNATIONAL BUSINESS MACHINES CORPORATION	2,337,012	KHOO, HAZEL GEOK NEO	2,210,319
HANEY, SEAN	2,305,284	INTERNATIONAL PAPER COMPANY	2,149,235	KIEFER, NATALIE ROBIN	2,081,531
HANSEN, DAVID M.	2,237,793	ISCAR LTD.	2,131,779	KIMBERLY-CLARK LIMITED	2,253,199
HARA, TAKAHISA	2,098,854	ISHIBASHI, MASARU	2,100,105	KIMURA, AKISHI	2,307,090
HARDWICK, STEWART LEONARD	2,167,083	ISHIDA, SHINICHIRO	2,345,666	KIMURA, TSUGIO	2,336,393
HARJULA, ARJO	2,063,104	ISHIHARA, TAKAFUMI	2,196,205	KING, TIMOTHY JAMES	2,253,199
HARRIS, FRANK W.	2,160,908	ISIP, AMANDO B., JR.	2,347,748	KINGDON, CHRISTOPHER H.	2,311,760
HARRISON, DANIEL DAVID	2,258,673	ISOZAKI, SHINICHI	2,307,090	KIRCHNER, FREDERICK T.	2,147,281
HATHAWAY, THOMAS J.	2,121,318	ITO, EISAKU	2,365,090	KITAMURA, YOSHIKI	2,175,510
HAY, GARY	2,339,019	ITO, TAKAHICO	2,090,560	KNAPTON, KENNETH S., III	2,333,613
HAYES, STEPHEN	2,311,760	ITOI, SHIGERU	2,149,183	KNAUF-BEITER, GERTRUDE	2,126,714
HEACOCK, GREGORY LEE	2,173,248	ITW GEMA AG	2,341,373	KNOX, ALISTAIR J.	2,417,176
HEIMS, DOUGLAS A.	2,157,558	IVANOV, OLEG		KOBAYASHI, TOSHIRO	2,312,556
HELGESON, CHRISTOPHER S.	2,143,672	EVGENIEVICH	2,310,062	KOEHNTOP, BONNIE	2,216,485
HESS, TIMOTHY V.	2,379,612	IWASAKI, KATSUHIRO	2,307,090	KOEHNTOP, ROGER	2,216,485
HEUMANN, CORDULA	2,175,658	IWATA, MASAO	2,175,510	KOENS, PAUL JOHN	2,249,844
HEUMANN, FRIEDRICH	2,175,658	JABRA CORPORATION	2,159,207	KOGUCHI, MITSUO	2,326,244
HIGASHIYAMA, KENICHI	2,196,205	JACKSON, BEVERLY ANN JULIAN	2,270,480	KOJIMA, TETSUYA	2,149,183
HILD, STEFAN G.	2,337,012	JAMBO, HERMANO CEZAR MEDABER	2,171,520	KONSTANTINOVSKY, EDUARD	2,302,945
HILLSTEAD, RICHARD A.	2,362,559	JAMES, WILLIAM NIXON, JR.	2,124,888	KOSHIRO, TOMOKO	2,364,784
HINDERER, LARRY	2,081,531	JANSON, STEVEN L.	2,452,389	KOUN, SASHA	2,203,535
HIRATA, NORIHIKO	2,193,774	JAPAN AVIATION ELECTRONICS INDUSTRY LIMITED	2,326,244	KOUZATO, KOICHI	2,345,666
HIROTSUKA, MITSUAKI	2,166,326	JEFFRIES, MARK S.	2,267,329	KOYANAGI, TAKUO	2,180,937
HITACHI METALS, LTD.	2,261,584	JENSON, DALE A.	2,166,562	KRAUSE, ALFRED	2,257,095
HOGAN, PATRICK T.	2,097,135	JFE STEEL CORPORATION	2,307,090	KREMSE, STEFFEN	2,305,114
HONDA GIKEN KOGYO KABUSHIKI KAISHA (ALSO TRADING AS HONDA MOTOR CO., LTD.)	2,336,558	JIN, ILJOON	2,339,019	KRIESSMANN, INGO	2,177,594
HONDA, MASATO	2,093,320	JOHNSON POLYMER, LLC	2,336,393	KRSTIC, SLOBODAN	2,240,078
HORANBURG, DOUGLAS LEE	2,209,529	JOHNSON, CARL	2,197,533	KUNG, RUTH B.	2,126,714
HORLIN, ERNST	2,167,509	JOHNSON, WARREN F.	2,157,558	KUPRIN, PAVEL BORISOVICH	2,310,062
HOULBROOK, GEOFFREY	2,167,083	JOMOTO, KIMITAKA	2,166,407	KURTOCK, JAMES R.	2,361,558
HOULE, BERTRAND Y.	2,109,172	JONSSON, INGEMAR	2,392,811	KUSTOV, BORIS ALEXANDROVICH	2,157,197
HUGHES, TERENCE CHARLES	2,166,407	JULIUS, MANFRED	2,257,095	KVAERNER ASA	2,261,819
HULTIN-STIGENBERG, ANNA	2,119,150	JYGA CONCEPT INC.	2,150,068	KVAERNER MASA-YARDS OY	2,063,104
HUNT, DAVE	2,385,369	KAACI, MICHICHIRO	2,336,393	LABORATOIRES EFFIK	2,182,024
HUNT, JEFF	2,376,424	KAI, AKIYOSHI	2,276,719	LACHMANN, KLAUS W.	2,302,069
HUSKY INJECTION MOLDING SYSTEMS LTD.	2,295,828	KAKII, TOSHIAKI	2,337,698	LAI, HOWE LING	2,210,319
IBE, NOBUKUNI	2,191,299	KALBFLEISCH, CHARLES A.	2,272,541	LAMOUREUX, GUY P.	2,109,172
ICHIRYU, TAKU	2,308,847	KANADA, TERUYUKI	2,196,205	LAMPSON, PATRICIA LEE	2,270,480
ICHIRYU, TAKU	2,316,576	KANAN, RONALD C.	2,392,223	LAPRADE, JEAN PAUL	2,349,534
IDE, YOSHIHIRO	2,090,592	KANESHIGE, RYOUSUKE	2,378,783	LARNER, DANIEL L.	2,327,027
ILLINOIS TOOL WORKS INC.	2,315,310	KAST, WYBE M.	2,069,541	LARSEN, CHARLES E.	2,362,559
IMAMURA, MASAKI	2,299,960	KATO, KOJI	2,337,935	LE SAUX, GILLES	2,174,398
IMASHIRO, YASUO	2,090,560	KATSURA, HIROSHI	2,337,698	LEE, LEONARD G.	2,353,723
INDOCEAN DIAMOND TOOLS (BERMUDA) LTD.	2,253,917	KAUSIK, BALAS NATARAJAN	2,347,893	LEVER, ANDREA M.	2,268,822
INGERSOLL-RAND COMPANY	2,121,318	KAWAI, KOHICHI	2,276,719	LEVER, O. WILLIAM, JR.	2,268,822
INOUE, EMIKO	2,312,556	KAWAI, NORIO	2,175,510	LEWIS, ROBERT DRENNAN	2,270,480
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE	2,094,261	KAWAKAMI, MASAHIRO	2,307,090	LIM, BEE GIM	2,210,319
INTEL CORPORATION	2,333,613	KEITH, DAVID O.	2,237,793	LIM, GARRETT A.	2,248,140
		KEKLAK, RONALD	2,150,361	LION APPAREL, INC.	2,169,133
		KELBCH, STEFAN	2,204,051	LIU, JIH-HUA	2,419,729
		KELMAN, DAVID CLARK	2,365,414	LIU, KECHENG	2,187,964
		KENDALL, DAVID ROY	2,167,083	LIU, XINBING	2,373,565
		KENT, RANDALL S.	2,167,528	LLOYD, DAVID JAMES	2,339,019
		KETTING, WILLEM-HENDRIK	2,310,449	LO, HO WAI	2,373,565
				LONDON HEALTH SCIENCES CENTRE	2,187,964
				L'OREAL	2,319,960
				LOUBINOUX, DOMINIQUE	2,231,339
				LOVE, ROBERT T.	2,370,191
				LOVELL, FRANCIS JOHN	2,150,528
				LUCAS, WILLIAM A.	2,361,540

**Index of Canadian Patents Issued  
February 1, 2005**

LUCENT TECHNOLOGIES, INC.	2,351,099	MITSUBISHI ALUMINUM CO., LTD.	2,337,630	O'CONNOR, LUKE J.	2,337,012
LUTSKY, ARTHUR A.	2,118,639	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,308,847	OHORI, KOICHI	2,337,630
MACCARTHY, WILLIAM JOHN	2,433,958	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,316,576	OHTA, MASASHI	2,204,228
MACDONALD, LORNE	2,271,568	MITSUBISHI HEAVY INDUSTRIES, LTD.	2,365,090	OKADA, KEIJI	2,378,783
MACROVISION CORPORATION	2,417,176	MITSUI CHEMICALS, INC.	2,378,783	OKAMOTO, TOSHIHIKO	2,171,612
MAEDA, REIZO	2,321,293	MITSUI, HIDERO	2,090,592	OKUBO, MINORU	2,345,666
MAIN, LAUREN O.	2,102,955	MIYAMOTO, YASUNOBU	2,193,774	OLSEN, JOERGEN MEJNER	2,458,323
MAKIN, COLIN	2,112,199	MIZUNO, MASAHIKO	2,193,774	O'MALLEY, MICHAEL T.	2,353,723
MALIGRES, PETER E.	2,183,976	MOBIL OIL CORPORATION	2,129,248	OMARU, ATSUO	2,190,229
MANITOWOC CRANE GROUP, INC.	2,266,791	MOCHALOV, SERGEI PAVLOVICH	2,157,197	OPPAMA INDUSTRY CO., LTD.	2,175,510
MARCHEGGIANI, MARCO	2,269,743	MODY, HEMANT K.	2,240,078	ORMSBY, RONALD D.	2,170,597
MARLOR, RICHARD C.	2,134,258	MOHRI, JUNICHI	2,276,719	OSRAM SYLVANIA INC.	2,134,258
MARTINEAU, JOCELYN	2,150,068	MOLDOVAN, PETER K.	2,240,078	OTSUKA PHARMACEUTICAL CO., LTD.	2,171,612
MATSUMOTO, HISASHI	2,373,565	MOORE WALLACE NORTH AMERICA, INC.	2,211,580	OVERBEEK, RUDOLF A.	2,302,755
MATSUMOTO, MASAHITO	2,098,854	MORAN, THOMAS P.	2,327,027	OYABE, AKIHIRO	2,276,719
MATSUMOTO, TOSHIAKI	2,171,612	MORI, HARUKI	2,276,719	OZDEMIR, LEVENT	2,260,809
MATSUURA, YOSHINORI	2,321,293	MORIYA, KAZUYOSHI	2,289,417	PALETHORPE, STEPHEN RONALD	2,203,535
MAXWELL, TIMOTHY J.	2,353,723	MOSER, JAMES R.	2,304,031	PARKER, CHRISTOPHER F.	2,347,748
MAYTAG CORPORATION	2,157,558	MOSER, MICHAEL	2,337,012	PARVIN, JACKIE D.	2,101,205
MAYTAG CORPORATION	2,274,991	MOTOROLA, INC.	2,370,191	PECH, DAVID J.	2,266,791
MAYTAG CORPORATION	2,449,674	MUNSON, H. RANDALL	2,320,448	PEET, NORTON P.	2,320,448
MCCARROL, ALEC	2,295,828	MURAKAMI, TATSUO	2,127,740	PELLETIER, VICTOR	2,364,810
MCC-DEC TECH, LLC	2,349,534	MURAMATSU, TATEO	2,100,105	PENCIOLELLI, JEAN- FRANCOIS	2,094,261
MCCLANAHAN, WALLY S.	2,240,762	MURRELL, LAWRENCE L.	2,302,755	PENDA CORPORATION	2,130,148
MCCLENDON, CHARLES L.	2,159,207	MUSIANI, LORENZO	2,206,263	PERELMAN, OLEG MIKHAILOVICH	2,310,062
MCCORMICK, THOMAS	2,197,533	NAGAMINE, MASAYUKI	2,190,229	PERRAULT, JAMES J.	2,270,074
MCFARLAND, MICHAEL JAMES	2,168,024	NAKAMURA, TETSUZO	2,093,320	PETERSON, ELMER R.	2,325,761
MCGLONE, BUDDY B.	2,214,349	NAKAURA, YUSUKE	2,337,630	PETERSSON, STIG ANDERS - PETROBRAS	2,148,948
MEAD, PETER A.	2,434,275	NAVCOM TECHNOLOGY, INC.	2,265,720	PFIZER INC.	2,362,698
MELANCON, JEAN-GUY	2,218,935	NEFF, DENNIS B.	2,361,540	PHILIPP, DIETER	2,305,114
MELIEF, CORNELIS J. M.	2,069,541	NICOLE, CHARLES	2,218,935	PIERCE-RUHLAND, G. FREDERICK	2,119,409
MELNIKOV, DENIS JURIEVICH	2,310,062	NIEMI, KARL A.	2,130,148	PIPHO, MICHAEL JOHN	2,374,240
MELNIKOV, MIKHAIL JURIEVICH	2,310,062	NISHIGAMI, AKIRA	2,093,320	PITNEY BOWES INC.	2,391,768
MELOUL, RAPHAEL F.	2,362,559	NISHIO, KOJI	2,321,293	PLEUSS, ALAN E.	2,266,791
MEN, YURI	2,131,779	NISSAN CHEMICAL INDUSTRIES, LTD.	2,166,326	PLOMER, ALAN J.	2,208,641
MENUHR, HELMUT	2,385,369	NISSHINBO INDUSTRIES, INC.	2,090,560	POCKRANDT, DON	2,271,568
MERCK & CO., INC.	2,183,976	NIXON, RUSSELL	2,289,800	PORUBCANSKY, KENNETH J.	2,266,791
MESSINA, NEALE A.	2,081,531	NOBEL BIOCARE AB	2,081,588	POTTINGER, LAWRENCE A.	2,187,033
METALLGESELLSCHAFT AKTIENGESELLSCHAFT	2,157,748	NOGAMI, MITSUZOU	2,321,293	PQ HOLDING, INC.	2,136,018
MICHAEL, HANS PETER	2,341,373	NORCAN ALUMINIUM INC.	2,316,584	PRAMMER, MANFRED	2,276,426
MICHEL, PETER	2,118,569	NORDSON CORPORATION	2,097,135	PROCTER, MARTIN JAMES	2,362,698
MICROFLEX CORPORATION	2,136,282	NORRIS, ELWOOD G.	2,159,207	PROMITZER, WOLFGANG	2,230,829
MICROMASS UK LIMITED	2,419,866	NORTEL NETWORKS LIMITED	2,142,583	QUAN, RONALD	2,417,176
MICRONISERS PTY. LTD	2,095,935	NORTEL NETWORKS LIMITED	2,201,564	RABINOVICH, ALEXANDR ISAAKOVICH	2,310,062
MIKHEEV, NIKOLAI IVANOVICH	2,157,197	NOTTER, DAVID A.	2,249,844	RADIMERSKI, PAUL	2,112,416
MLETTE, ANDRE	2,150,068	NOVARTIS AG	2,199,320	RAFTIS, SPIROS G.	2,316,287
MILLER, JAMES ANTON	2,374,240	NOVOSTE CORPORATION	2,150,528	RAINER, GEORG	2,156,078
MINISTER OF NATIONAL DEFENCE	2,218,935	NUGENT, JAMES S.	2,362,559	RAMSEY, JOHN E.	2,379,392
MINNESOTA MINING AND MANUFACTURING COMPANY	2,118,766	NUMAR CORPORATION	2,349,534	RASINSKI, MICHAEL JOSEPH	2,266,712
MISCHAK, RONALD P.	2,248,140	O'BRIEN, PATRICK	2,276,426	RAYMOND, JEFFREY A.	2,365,028
MISRA, RAJ MANI	2,384,850		2,138,852	RED VALVE COMPANY, INC.	2,316,287
MITEL KNOWLEDGE CORPORATION	2,339,538			REED, DANA M.	2,302,904
				REICHMAN, RONALD	2,391,768
				REIDER, PAUL J.	2,183,976
				REILLY, JAMES P.	2,373,351

**Index des brevets canadiens délivrés**  
**1 fevrier 2005**

REINHART, RICHARD	SCHAEDE, JOHANNES	STURZEBECHER, JORG	2,270,166
NICHOLAS, JR.	GEORG	SU, JINYANG	2,322,407
RHONE-POULENC	SCHERING	SULLIVAN, WILLIAM	2,315,310
AGRICULTURE LIMITED	AKTIENGESELLSCHAFT	SUMITOMO CHEMICAL	
RICE, EDWIN E.	SCHICK, TROY EUGENE	COMPANY, LIMITED	2,098,854
RICHARD, DANIEL	SCHIER, THORSTEN	SUMITOMO CHEMICAL	
RICHARDS, SANDY MARK	SCHINZEL, FRED	COMPANY, LIMITED	2,193,774
RICHARDSON, SEAN	SCHMID, FRANK L.	SUMITOMO ELECTRIC	
ANTHONY	SCIOS INC.	INDUSTRIES, LTD.	2,337,698
RIETVELD, ARNOUT JAN	SCOTT, JON DAVID EDWARD	SUMITOMO METAL MINING	
WILLEM		CO., LTD.	2,299,960
RIJKSUNIVERSITEIT LEIDEN	SEAN, SY TREK	SUMNER, ANTHONY	2,204,051
RILEY, DAVID A.	SEARLE, JEFFREY GRAHAM	SUNTORY LIMITED	2,196,205
ROACH, JACK R.	SEED CAPITAL	SYNGENTA	
ROBERGE, KARIC	INVESTMENTS (SCI) B.V.	PARTICIPATIONS AG	2,112,416
ROBITAILLE, MARTIN	SEEDS, GLEN	SYNGENTA	
ROCH, MATHIAS	SEKIGUCHI, TAKESHI	PARTICIPATIONS AG	2,126,714
ROCH, OLIVER	SEMENOV, JURY LVOVICH	SYVERTSEN, KARE	2,246,670
ROCHE DIAGNOSTIC	SENETEK PLC	TAGUCHI, NORIHIKO	
SYSTEMS, INC.	SENN-BILFINGER, JORG	TAI, TOMISHIGE	2,326,244
ROCHE DIAGNOSTICS	SEXTANT AVIONIQUE	TAKADO, KANEMASA	2,127,740
CORPORATION	SEYBOLD, JED C.	TAKAHASHI, IKUO	2,090,560
ROCHE DIAGNOSTICS GMBH	SHAABAN, KHALED	TAKAHASHI, TOSHIYA	2,193,774
	SHAKIROV, KIM	TAKAICHI, AKIHISA	2,171,612
RODEWALD, PAUL	MURTAZOVICH	TAKANO, SHIGERU	2,261,584
GERHARD, JR.	SHAPIRO, STEVEN J.	TAKEUCHI, SETSUYUKI	2,191,299
ROELL, WERNER	SHARRER, KENNETH J.	TAMBOURIN, PIERRE	2,094,261
ROEL-NG, MAYA	SHAW, DONALD FRANCIS	TAMEISHI, KAZUAKI	2,346,230
ROGERS, CHARLES H.	SHELL CANADA LIMITED	TANAKA, YOSHIHARU	2,196,205
ROSEN, JONATHAN J.	SHIBAYAMA, AKIRA	TANGE, SATORU	2,312,556
ROSEN, STEVEN M.	SHIKADA, KEN-ICHI	TANIKAWA, KEIZO	2,166,326
ROSS, NANCY A.	SHINYAMA, KATSUHIKO	TARGET HI-TECH	
ROSSEN, KAI	SHIOKAWA, MASATO	ELECTRONICS LTD.	2,302,945
ROSSI, MAURO	SHORT, JAY M.	TECAN TRADING AG	2,286,538
ROTSTEIN, RON	SHTENNIKOVA, GALINA	TEIKOKU PRINTING INKS	
ROUILLARD, CAROL A.	ALEXANDROVNA	MFG. CO., LTD.	2,289,417
RUST, HARALD	SHUM, PATRICK W.K.	TELEFONAKTIEBOLAGET	
RUTT, BRIAN K.	SIEGEL, HARDO	LM ERICSSON	2,195,521
RYAN, JOHN O.	SIEGEL, WOLFGANG	TELEFONAKTIEBOLAGET	
RYDIN, BJORN	SIEMENS WESTINGHOUSE	LM ERICSSON	2,235,822
S & C ELECTRIC COMPANY	POWER CORPORATION	TELEFONAKTIEBOLAGET	
SAFETY 1ST	SIGEL, GARY A.	LM ERICSSON	2,265,999
SAHLBERG, KARL M.	SIGNELL, SVANTE	TERADA, NAMI	2,346,230
SAINI, VIKAS	SKF USA INC.	TERRACOL, DIDIER	2,182,024
SAITO, AKIRA	SKVORETZ, DAVID M.	TETRA LAVAL HOLDINGS &	
SAITO, KAZUO	SNOBUNJE INCORPORATED	FINANCE S.A.	2,254,177
SAITO, MASAHIRO	SOCIETE DES PRODUITS	TETRA LAVAL HOLDINGS &	
SAKAGAMI, TAKESHI	NESTLE S.A.	FINANCE S.A.	2,254,181
SAKURAI, WATARU	SOCOLOFSKY, JOHN MARK	TEXAS INSTRUMENTS	
SALMI, PEKKA	SOJA, MARC S.C.	INCORPORATED	2,134,811
SAMPSELL, JEFFREY B.	SOLUTIA AUSTRIA GMBH	THE AUSTRALIAN	
SANDVIK AB	SOMBERG, JOHN C.	NATIONAL UNIVERSITY	2,203,535
SANFORD, SCOTT A.	SONY CORPORATION	THE BOLER COMPANY.	2,379,392
SANYO ELECTRIC CO., LTD.	SONY CORPORATION	THE BOLER COMPANY.	2,379,612
SATO, TAKASHI	SONY CORPORATION	THE HIDDEN EDGE CO., INC.	2,150,361
SATRAN, AMIR	SONY CORPORATION	THE LUBRIZOL	
SAUND, ERIC	SOUYRI, MICHELE	CORPORATION	2,119,409
SAUND, ERIC	SPACESAVER	THE LUBRIZOL	
SAVANNA ENERGY	CORPORATION	CORPORATION	2,378,783
SERVICES CORP.	SPANTON, STEPHEN G.	THE PERKIN-ELMER	
SAVANT MEASUREMENT	SRIVATSA, NARENDRA R.	CORPORATION	2,285,219
CORPORATION	STANG, MICHAEL A.	THE PROCTER & GAMBLE	
SAVELLI, RONALD	STEEDMAN, DOUGLAS A.	COMPANY	2,270,480
SAWADA, TERUTOSHI	STOLDT, STEPHEN H.	THE PROCTER & GAMBLE	
SCARDINA, JAN MARIAN	STROUTS, BRIAN L.	COMPANY	2,346,230
SCHADT, BILL	STUART, RANDOLPH L.	THOMPSON, JOHN GERARD	2,203,535

**Index of Canadian Patents Issued  
February 1, 2005**

THORNBURG, CARL		WELDON, THOMAS D.	2,362,559
MAGNUS	2,235,822	WENDLING, FRANCOISE	2,094,261
TIEMANN, JEROME		WEZOLOWSKI, RICHARD R.	2,149,235
JOHNSON	2,258,673	WHITE, JAMES E.	2,143,672
TJOENG, FOE S.	2,239,964	WHITEHEAD, LORNE A.	2,249,844
TOGASHI, KAZUHIKO	2,276,719	WHITEHOUSE, JOHN C.	2,150,361
TOLLO LINEAR AB	2,243,112	WIDEX A/S	2,458,323
TOMITA, HIDESHI	2,090,560	WILFINGER, WERNER	2,177,594
TORELLI, ERMANNO	2,453,862	WILHELM, E. CRAIG	2,163,228
TOROPOV, ANATOLY		WILSON, DENNIS M.	2,336,393
IVANOVICH	2,157,197	WINKELBAUER, ROBERT	2,230,829
TREGUBOV, GRIGORY		WINTERBERGER, JOHN A.	2,359,017
SAMARIEVICH	2,310,062	WIRSCHING, JOCHEN	2,305,114
TRENTACOSTA, JOSEPH		WITHERS, RAYMOND	
DANIEL	2,365,414	LESLIE	2,203,535
TROMBINI, CLAUDIO	2,206,263	WITTNER, LUPU	2,302,945
TRYASTSYN, IGOR		WITZEL, TOM	2,257,095
PAVLOVICH	2,310,062	WOBBEN, ALOY	2,415,410
TSYMBAL, VALENTIN		WONFOR, PETER J.	2,417,176
PAVLOVICH	2,157,197	WOO, RICHARD KAI-TUEN	2,265,720
TUER, KEVIN	2,367,690	WUNDERLICH, DANIEL F.	2,449,674
TURNER, JAMES J.	2,097,135	WYATT, STEVEN B.	2,361,540
TYCO ELECTRONICS		XANAVI INFORMATICS	
LOGISTICS AG	2,118,639	CORPORATION	2,180,937
UCHIDA, TOHRU	2,336,558	XEROX CORPORATION	2,326,486
UEHARA, KENICHI	2,261,584	XEROX CORPORATION	2,327,027
UEMATSU, KAZUO	2,365,090	XEROX CORPORATION	2,356,813
UNI-CHARM CORPORATION	2,312,556	YAMAGUCHI, AKIRA	2,190,229
UNILEVER AUSTRALIA		YAMANAKA, MITSUHIRO	2,307,090
LIMITED	2,095,935	YAMASHITA, HIROYUKI	2,276,719
UNILEVER PLC	2,239,374	YAMAZAKI, HARUMICHI	2,100,105
UNILEVER PLC	2,310,449	YANG, DARCHUN BILLY	2,349,534
UNIVERSITY OF AKRON		YANMAR DIESEL ENGINE	
(THE)	2,160,908	CO., LTD.	2,345,666
UPADHYAY, VEENA	2,183,976	YANO, SADAHIKE	2,138,811
USUI, TOSHIYUKI	2,336,558	YEH, CHUEN Y.	2,302,755
VALMET, INC.	2,269,743	YIM, MARK H.	2,326,486
VAN DER MEULEN, WIEGER	2,254,181	YONEZU, IKUO	2,321,293
VAN DER PUUL, NELLEKE	2,302,755	YOSHIDA, MASAKI	2,312,556
VAN SCHYNDEL, ANDRE	2,249,844	YOSHINO KOGYOSHO CO.,	
VANAGAN, PETER	2,430,786	LTD.	2,093,320
VANDER MEER, JAMES C.	2,240,078	YUGEN KAISHA YANO	
VARADARAJAN,		ENGINEERING	2,138,811
RAMMOHAN	2,347,893	ZADEH, BAGHER R.	2,311,760
VARLET, PAULE	2,094,261	ZAKRYTOE AKTIONERNOE	
VERBIEST, ALBERT	2,204,051	OBSCHESTVO	
VETROTEX FRANCE S.A.	2,231,339	"NOVOMET-PERM"	2,310,062
VIBRO INDUSTRIES, INC.	2,357,789	ZEAK, JEFFREY A.	2,193,770
VICTORIN, JOHN AXEL	2,195,521	ZEIRA, ARIELA	2,384,850
VIGON, ISABELLE	2,094,261	ZEUN, RONALD	2,126,714
VIOLA, GIAN TOMMASO	2,206,263	ZHANG, ZIZHONG	2,322,407
VIRTUAL VISION, INC.	2,173,248	ZIMMON, DAVID S.	2,252,598
VITA INTERNATIONAL, INC.	2,240,762	ZKZ SCIENCE CORP.	2,252,598
VOLANTE, RALPH P.	2,183,976	ZUPEC, MARK E.	2,239,964
VOLL, BENN A.	2,325,761		
VYDRINA, IRINA			
VASILIEVNA	2,310,062		
WACKS, JONATHAN L.	2,125,179		
WAKSMAN, RON	2,362,559		
WALES, PETER	2,339,019		
WARD, ARTHUR GEORGE			
TERRY	2,127,751		
WATANABE, MASAYUKI	2,307,090		
WEATHERFORD, CHERYL A.	2,163,228		
WEAVER, STEPHEN J.	2,347,748		
WEBB, JAMES	2,134,846		

# **Index of Canadian Applications Open to Public Inspection**

**January 9, 2005 to January 15, 2005**

## **Index des demandes canadiennes mises à la disponibilité du public**

**9 janvier 2005 au 15 janvier 2005**

20/20 MARKETING LTD.	2,464,193	BJORNER, NIKOLAJ S.	2,472,528	CHAPAT, JEAN-FRANCOIS	2,472,916
634182 ALBERTA LTD.	2,436,100	BLACK & DECKER INC.	2,473,488	CHARIER, GILLES	2,473,335
ADAMCHUK, VIACHESLAV		BLACK & DECKER INC.	2,473,516	CHATO, JOHN D.	2,435,198
IVANOVYCH	2,473,368	BLACK & DECKER INC.	2,473,517	CHAVEZ, DAVID L.	2,462,316
AFSHARI, FARHAD	2,473,272	BLACK & DECKER INC.	2,473,518	CHEN, CHAO	2,473,274
AICHINGER, DAVE	2,473,019	BLACK & DECKER INC.	2,473,597	CHEN, CHIN-JEN	2,435,122
AIRBUS FRANCE	2,472,291	BLACK & DECKER INC.	2,473,599	CHEN, JOSETTE	2,473,061
ALAIN BOSA	2,473,431	BLACK & DECKER INC.	2,473,601	CHEN, YEE MAU	2,473,188
ALGONQUIN INDUSTRIES,		BLACK & DECKER INC.	2,473,604	CHEREAU, THOMAS	2,472,939
INC.	2,473,774	BLACK & DECKER INC.	2,473,605	CHU, YUAN-HSING	2,434,909
ALLEN, JACK	2,473,511	BLACK & DECKER INC.	2,473,607	CLARK, DEREK	2,435,064
AMES, NANCY	2,435,053	BLACK & DECKER INC.	2,473,869	COATING EXCELLENCE	
AMMERLAAN, STEPHAN		BLACK & DECKER INC.	2,473,928	INTERNATIONAL	2,473,480
WILLEM ANTHONIUS	2,434,832	BLACK & DECKER INC.	2,474,285	COLLIER, STEVEN WILLIAM	2,464,831
ANAMAX CORPORATION	2,453,958	BLAINY, ROBERT J.	2,435,148	COMFORT DESIGN, INC.	2,474,408
ASIA PACIFIC FUEL CELL		BLANKENSHIP, GEORGE D.	2,453,879	CONNELLY, FREDERICK	2,474,420
TECHNOLOGIES, LTD.	2,473,301	BLANKENSHIP, GEORGE D.	2,461,590	CONRAD, DAVID W.	2,474,298
ASIA PACIFIC FUEL CELL		BO, AILI	2,473,301	CONTROLLED	
TECHNOLOGIES, LTD.	2,473,304	BO, AILI	2,473,304	ENVIRONMENTS	
ASM MODULAR SYSTEMS		BOCK, NICHOLAS	2,473,061	LIMITED	2,467,317
LTD.	2,434,954	BOHRER, TIMOTHY	2,474,310	CONTROLLED	
ASSAF, IMAD	2,436,100	BOOK, MICHAEL T.	2,474,534	ENVIRONMENTS	
AUDET, JACQUES ROBERT	2,472,934	BOSTON, ERICK JACQUES	2,472,934	LIMITED	2,467,323
AUGSPURGER, QUENT	2,450,326	BOUDRADE, MOHAMMED	2,474,319	CONTROLLED	
AVAYA TECHNOLOGY		BOURGEOIS, MARIE-		ENVIRONMENTS	
CORP.	2,462,316	FRANCE	2,472,934	LIMITED	2,467,335
BACLIJA, PETAR	2,434,832	BOUVRETTE, PIERRE	2,473,429	COOK, ROBERT LANCE	2,473,476
BAGHAI, SHAHIN	2,473,440	BOWMAN, DAVID	2,436,114	CORDIS CORPORATION	2,474,397
BAKER, DAVID	2,473,488	BOYCHUK, ROBERT JOHN	2,472,913	CREATIVE WIND POWER	
BANSAL, R.K.	2,473,511	BOYLE, JOHN	2,473,073	SOLUTIONS INC.	2,469,121
BARKER, DAVID	2,473,516	BRADENBAUGH, KEN A.	2,473,592	CRIPPS, KEVIN S.	2,462,316
BARKER, DAVID	2,473,517	BRADENBAUGH, KEN A.	2,474,105	CROOKS, WILLIAM M.	2,473,272
BARKER, DAVID	2,473,518	BRADLEY FIXTURES		CURATOLO, WILLIAM JOHN	2,464,831
BARKER, DAVID	2,473,597	CORPORATION	2,435,228	DABROS, TADEUSZ	2,435,113
BARKER, DAVID	2,473,599	BRANDHORST, DANIEL	2,469,137	DALEY, HOWARD	2,473,769
BARKER, DAVID	2,473,601	BRAULT, DAVID	2,467,317	DALLAS, MURRAY L.	2,434,801
BARKER, DAVID	2,473,604	BRAULT, DAVID	2,467,323	D'AMATO, GIANFRANCO	2,436,292
BARKER, DAVID	2,473,605	BRAULT, DAVID	2,467,335	D'AMATO, GIANFRANCO	2,436,297
BARKER, DAVID	2,473,607	BRIGGS, ROBERT S.	2,474,534	DAMM, CHRISTIAN	2,473,598
BARKER, DAVID	2,473,869	BRISCO, DAVID PAUL	2,473,476	DANFORTH, ANDREW	2,473,324
BARKER, DAVID	2,473,928	BRITTON, DANIEL WILLIAM	2,436,100	DANFORTH, ANDREW	2,473,339
BARTON, DAVID J.	2,453,879	BROAD, ROBERT P.	2,473,477	DAO, DANIEL	2,472,934
BAYER, WOLFGANG	2,469,121	BUCHER, PASCAL	2,469,137	DAVIDSON, LORINDA	2,473,061
BEATTY, WILLIAM E., JR.	2,473,272	BUISSON, DOMINIQUE	2,472,291	DAZAI, JUN	2,473,061
BEAVER PLASTICS LTD.	2,435,144	BUTLER, BRYAN VIRGE	2,474,410	DEERE & COMPANY	2,473,183
BEGG, ROBERT G.	2,464,193	CAMPITELLI, WILLIAM A.	2,435,202	DEERE & COMPANY	2,473,368
BERNEY, THIERRY	2,469,137	CANCER CARE ONTARIO	2,435,190	DEGUSSA AG	2,473,485
BERNHAGEN, TODD A.	2,461,802	CARON, YVON	2,433,444	DEGUSSA AG	2,473,525
BERNHAGEN, TODD A.	2,462,366	CARROLL PACKAGING	2,463,018	DEGUSSA AG	2,474,426
BETH-EL ZIKHRON-		CELGARD, INC.	2,468,218	DELAPLACE, FRANCK	2,472,291
YA'AQOV INDUSTRIES		CENTALA, PRABHAKARAN		DENAULT, JOHANNE	2,435,129
LTD.	2,473,400	K.	2,474,319	DESPREZ, VALERIE	2,473,069
BETHKE, DARVIN RICHARD	2,460,287	CENTMAYER, STEFAN	2,474,286	DESPREZ, VALERIE	2,473,342
BEZEMER, DARYLE	2,473,428	CHAMPION, DAVID	2,457,302	DESY, NORMAND	2,472,540
BIENICK, CRAIG	2,473,769	CHANG, YEH-CHING	2,434,819	DETAR, MARVIN	2,474,420

**Index of Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

DODGE, ROBERT L.	2,461,590	GIERCKE, RON	2,467,317	HSIAO, FENG-HSIANG	2,473,301
DODGE, ROBERT L.	2,462,464	GIERCKE, RON	2,467,323	HSIAO, FENG-HSIANG	2,473,304
DOE, NIGEL	2,473,823	GOMEZ, BENJAMIN T.	2,474,293	HSU, CHRISTOPHER	2,453,879
DOHI, TAKEYOSHI	2,449,351	GOODER, DARREN E.	2,433,393	HUANG, SUJIAN	2,474,319
DUFOUR, MARTIN	2,433,896	GOODER, KEVIN J.	2,433,393	HUETTLER, SILKE	2,469,137
DUNN, JAMES THOMAS	2,434,981	GOULET, JEAN-FRANCOIS	2,434,903	HUNTER, KIPPLAN D.	2,467,135
DUTKOWSKI, STEPHANIE A.	2,453,958	GRACE, JAMES M.	2,469,167	HUPP, VERNON	2,473,615
E. I. DU PONT DE NEMOURS AND COMPANY	2,473,824	GRAHAM, SIMON JAMES	2,473,963	HURTUBISE, JEAN-DENIS	2,433,998
EATON CORPORATION	2,472,913	GREGORY, KENTON W.	2,473,370	HYUNDAI MOTOR COMPANY	2,454,450
EATON CORPORATION	2,473,272	GRiffin, JAMES PATRICK, JR.	2,436,055	IBM CANADA LIMITED - IBM CANADA LIMITEE	2,435,148
ELECTRICAL AND ELECTRONICS LIMITED	2,473,188	GRILLIOT, MARY I.	2,448,367	INAI, SHIGERU	2,473,213
ELLINGTON, PETER	2,473,216	GRILLIOT, WILLIAM L.	2,448,367	INNOVA PATENT GMBH	2,474,435
ENGEBRETSON, DAVID	2,474,408	GRISHAM, JOHN N.	2,474,413	INNOVATION MARITIME	2,434,903
ENVVENTURE GLOBAL TECHNOLOGY	2,473,476	GUTTINGER, PETER	2,434,832	INSTITUT FRANCAIS DU PETROLE	2,472,916
ESCURE, DIDIER RENE ANDRE	2,472,934	HAAG, DAVID K.	2,473,272	IONALYTICS CORPORATION	2,468,394
ESSELTIME, DEREK S.	2,433,393	HALL, DAVID R.	2,435,197	JAFFE, JOEL R.	2,474,293
ETHICON ENDO-SURGERY, INC.	2,473,482	HALLMARK CARDS, INCORPORATED	2,435,774	JANSEN, LAMBERTUS	2,473,377
ETHICON ENDO-SURGERY, INC.	2,473,504	HARLESON, KEN J.	2,468,218	JARMAN, DAVID	2,474,285
ETHICON ENDO-SURGERY, INC.	2,473,506	HARRALL, SIMON JOHN	2,473,216	JERRY, CRAIG JOHN	2,463,208
ETHICON ENDO-SURGERY, INC.	2,473,512	HASERODT, KURT H.	2,462,316	JIANMIN, KAN	2,435,113
EXCO AUTOMOTIVE SOLUTIONS CANADA, INC.	2,473,612	HASHIMOTO FORMING INDUSTRY COMPANY LIMITED	2,473,622	JIFRAM EXTRUSIONS, INC.	2,454,325
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	2,474,534	HAWTHORNE, MICHAEL J.	2,435,222	JIMBA, RYO	2,473,213
F. HOFFMANN-LA ROCHE AG	2,473,268	HAYASHI, KANJI	2,474,333	JOHNSON, BARBARA ALICE	2,464,831
F. HOFFMANN-LA ROCHE AG	2,473,069	HAYASHI, KATSUMI	2,473,213	JOST, CARSTEN	2,473,485
FEHR, DANIEL	2,473,342	HEBERT, LOUIS	2,434,903	JOST, CARSTEN	2,473,525
FERNLEY, GARRY W.	2,473,598	HECHT, GEORG	2,474,286	JOUBERT, SEUN	2,463,355
FERNLEY, GARRY W.	2,432,318	HENDERSHOT, WILLIAM B.	2,464,813	JULIUS, ROBERT	2,461,057
FERRETTI, MICHAEL JOHN	2,434,415	HER MAJESTY THE QUEEN IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA	2,435,113	KABURAGI, YUTAKA	2,473,762
FIREFLY LOCATOR INC.	2,472,991	HER MAJESTY THE QUEEN, IN RIGHT OF CANADA, AS REPRESENTED BY THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA	2,435,053	KALTZ, THOMAS RICHARD, JR.	2,463,018
FIRST PRINCIPLES, INC.	2,435,079	HEUIL, JOSEPH CHARLES	2,473,612	KAMPER, SUSAN L.	2,474,318
FISCHER, GREG R.	2,435,236	HEW-KABEL/CDT GMBH & CO. KG	2,473,332	KAN, PETER	2,434,689
FISCHER, JAMES R.	2,454,325	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	2,457,302	KARSTENSEN, NILS	2,473,344
FLOWERS, CHRISTOPHER L.	2,473,528	HILL, JAMES W.	2,450,326	KASPER, KAZMIER J.	2,473,774
FLYNN, DANNY D.	2,435,222	HILLIS, DAVID JOHN	2,473,217	KASTOR, DANIEL R.	2,474,169
FOSTER, C. MACKAY	2,435,222	HIRTH, DAVID E.	2,473,210	KATO, HIDEO	2,473,213
FRIEDRICH, OLAF	2,469,137	HITACHI, LTD.	2,449,351	KELLER, ROBERT DEAN	2,472,913
FYKE, STEVEN H.	2,473,478	HOFFMAN, COREY E.	2,473,015	KEMPF, GUENTER	2,473,183
G.I. RUSSELL & COMPANY LTD.	2,434,986	HOFFMAN, DOUGLAS B.	2,473,506	KENNER, ALLEN, D.	2,435,145
GARAND, LUC	2,434,903	HOFFMAN, DOUGLAS B.	2,473,512	KIM, ILL-SOO	2,454,450
GARCIA, JOSEPH R.	2,474,296	HOKANSON, DARREN	2,434,417	KLAPTCHUK, PETER	2,435,033
GARRITY, ROBERT A.	2,453,958	HOMNER, BERNHARD	2,470,372	KLEIN, JEFFREY R.	2,453,879
GAUNE, KENNETH J.A.	2,433,946	HON TECHNOLOGY INC.	2,474,177	KOOKEN, TODD E.	2,462,464
GEMTRON CORPORATION	2,473,769	HONDA MOTOR CO., LTD.	2,472,860	KOREA ALPHALINE CO. LTD.	
GENERAL ELECTRIC CANADA INC.	2,472,540	HONDA MOTOR CO., LTD.	2,473,213	KOSTLAN, GARY	2,472,978
GENERAL MILLS IP HOLDINGS II, LLC	2,474,318	HONDA MOTOR CO., LTD.	2,473,261	KRAVICE, MARLA	2,474,169
GENTRY, MARY E.	2,435,774	HORII, YOSHIO YUKI	2,472,860	KUCHARCZYK, JOHN	2,473,963
GEOFFRION, JAMES W.	2,474,318	HOSIE, DAVID G.	2,473,261	KUEHNLE, ADOLF	2,473,485
		HOULE, ANDRE	2,473,511	KUEHNLE, ADOLF	2,473,525
			2,472,560	KURFUERST, MANFRED	2,474,426
				LACOURT, PHILIP ROLAND	2,469,137
				LADOUCEUR, NORMAN M.	2,473,824
				LAN, RED	2,473,478
				LANG, HEINRICH	2,435,076
				LANGEN PACKAGING INC.	2,474,286
				LANGEVIN, AUREM	2,434,832
				LANG-MEKRA NORTH AMERICA, LLC	2,434,903
				LEJEUNE, PASCAL	2,474,286
					2,473,335

**Index des demandes canadiennes mises à la disponibilité du public**  
**9 janvier 2005 au 15 janvier 2005**

LES ATELIERS BEAU-ROC INC.	2,434,873	MORIKAWA, HIROSHI	2,473,213	PETRI, KEVIN J.	2,472,913
LES EQUIPEMENT NOKAMIC INC.	2,473,761	MORIMOTO, RICHARD I.	2,435,136	PEZESHK ZAD, PARVIZ	2,433,951
LES EQUIPEMENTS NOKAMIC INC.	2,434,640	MORLEY, JAMES F.	2,435,136	PFIZER PRODUCTS INC.	2,464,831
LIEFTING, JOHANNES GERARDUS	2,472,983	MORNING PRIDE MANUFACTURING, L.L.C.	2,448,367	PHILLIPS, ROBERT W. PILOT DRILLING CONTROL LIMITED	2,473,315
LIEVESTRO, ROBERT	2,473,377	MOSS, GEOFFREY ALAN	2,435,134	PIRETTI, GIANCARLO	2,473,424
LIGUORE, SALVATORE L.	2,467,135	MURPHY, BRENDAN JOHN	2,464,831	PIRETTI, GIANCARLO	2,472,840
LINCOLN GLOBAL, INC.	2,453,879	MURPHY, ROBERT	2,473,015	PIV DRIVES GMBH	2,472,975
LINCOLN GLOBAL, INC.	2,461,590	MUSIC, ELVIS	2,474,435	PN II, INC.	2,473,445
LINCOLN GLOBAL, INC.	2,462,464	NAKAJIMA, YOSHIKAZU	2,449,351	POON, SUM FAT	2,473,477
LIU, YALI	2,473,429	NATIONAL RESEARCH COUNCIL OF CANADA	2,435,129	POTVIN, DAVID	2,473,188
LOBERGER, JOHN M.	2,435,228	NATIONAL RESEARCH COUNCIL OF CANADA	2,473,429	PRINCE, ROBERT J.	2,473,761
LOGAN, DEAN	2,434,001	NEDEZ, CHRISTOPHE	2,472,916	PRO-CORD SPA	2,435,238
LONG, YICHENG	2,435,113	NEIDHARDT, ASTRID	2,473,598	PRO-CORD SPA	2,472,840
LOPEZ-LASTRA, MARCELO	2,436,104	NERO, KENNETH M.	2,473,511	PROUTEAU, JACKIE	2,472,975
LOPEZ-LASTRA, MARCELO	2,454,540	NEW ERA CAP CO., INC.	2,473,019	PROVIDENCE HEALTH SYSTEM-OREGON, AN OREGON NON PROFIT CORPORATION	2,472,935
LUCAS, DONNA LOU	2,463,018	NEW YORK AIR BRAKE CORPORATION	2,435,222	PUSPURS, AUGUST	2,473,370
LUO, LIFENG	2,461,590	NICE-PAK PRODUCTS, INC.	2,461,057	RAEMSCH, CHRISTIAN	2,434,377
LUONG, JOHN H. T.	2,473,429	NICLOT, THIERRY JEAN- MAURICE	2,472,939	RAEMSCH-GUENTHER, NICOLE	2,469,137
LYNCH, MICHAEL J.	2,473,511	NOEL, GERARD	2,434,873	RAFFY, ALAIN	2,472,939
LYONS, DAVID CHARLES	2,474,177	NORAMPAC SCHENECTADY, INC.	2,462,249	RANDAL, WILLIAM M.	2,473,272
MACDON INDUSTRIES LTD.	2,434,981	NORAMPAC SCHENECTADY, INC.	2,474,335	RANIERE, KEITH A.	2,473,272
MAKUTA, YOHEI	2,472,860	NORDMARK ARZNEIMITTEL GMBH & CO., KG	2,469,137	RAO, VIKRAM	2,435,236
MALE, KEITH B.	2,473,429	NORMANDIN, YVON	2,467,317	RATNAYAKE, CHAND	2,473,476
MALLOY, CLAUDE, SR.	2,464,489	NORMANDIN, YVON	2,467,323	RAY, JEAN-LOUIS	2,434,820
MALLOY, LEROY, JR.	2,464,489	NORMANDIN, YVON	2,467,335	RECTICEL NEDERLAND B.V.	2,472,916
MARTIN, DEAN A.	2,469,167	NORTHWESTERN UNIVERSITY	2,435,136	RENshaw, BEVERLY B.	2,473,377
MARTIN, PETER GORDON	2,473,052	NOSKE, JOE	2,473,511	RESEARCH IN MOTION LIMITED	2,468,160
MATHESON, ERIC A.	2,473,615	NOWAK, MICHAEL R.	2,473,480	RESEARCH IN MOTION	2,473,274
MATHIJSEN, ALBERTUS THEODORUS ANTHONIUS	2,434,832	OCHI, TAKAHIRO	2,449,351	RESEARCh IN MOTION	2,473,315
MAYTAG CORPORATION	2,469,167	OLIVIER, HENDRIKUS WILHELMUS MARIA	2,472,983	RHYSMER, CAMILLE	2,473,478
MAYTAG CORPORATION	2,473,528	OLSZEWSKI, DAVID M.	2,473,272	RING, LEV	2,435,053
MCCARTHY, R. GRANT	2,435,144	ORANTH, NORBERT	2,473,342	RITE-HITE HOLDING	2,473,476
MCCRACKEN, IAIN	2,468,394	OTSU, ATSUSHI	2,472,860	CORPORATION	2,473,624
MCDONALD, JAY K.	2,473,477	PACE, BRANDON N.	2,461,802	ROBBINS, BRUCE	2,474,310
MCGILL UNIVERSITY	2,436,104	PACE, BRANDON N.	2,462,366	ROBERTS, MICHAEL G., JR.	2,473,432
MCGILL UNIVERSITY	2,454,540	PACEY, LARRY J.	2,474,293	ROBERTS, MICHAEL G., SR.	2,473,432
MCGUIRE, BOB	2,434,801	PARK, HONG KU	2,435,024	RODRIGUEZ, JOSE LUIS GALAZ	2,473,290
MCNIVEN, ANDREA LEIGH	2,435,190	PATENT-TREUHAND- GESELLSCHAFT FUER ELEKTRISCHE GLUEHLAMPEN MBH	2,473,320	ROLAND, DAVID H.	2,435,228
MCWHORTER, DAVID J.	2,472,792	PAVEL, DAVID	2,473,511	ROZEK, KENNETH EDMUND	2,473,511
MEAD, BRUCE	2,434,954	PEDERSEN, GERALD D.	2,473,210	RUPP, ARNULF	2,473,320
MEADOWS, MICHAEL M.	2,474,413	PEDIGREE PERFECTION	2,473,313	RUSHING, WILLIAM PAUL, II	2,473,528
MEDINA, FROILAN ENRIQUE	2,433,995	PELLA CORPORATION	2,461,802	RUSSELL, GORDON I.	2,434,986
MELANCON, JEFFREY T.	2,472,792	PELLA CORPORATION	2,462,366	RYAN, CHAD A.	2,473,287
METCALFE, PAUL DAVID	2,473,216	PEN-MU KAO, MIKE	2,473,301	RYAN, PATRICK T.	2,474,534
MEYER, JOHN M., JR.	2,453,958	PEN-MU KAO, MIKE	2,473,304	SACCOMANDI, DIANE C.	2,474,534
MICROSOFT CORPORATION	2,472,528	PERELLI, FERN ELLUISE	2,435,042	SAKUMA, ICHIRO	2,473,618
MIKKAICHI, TOSHIKI	2,473,622	PERELLI, JACK ALDON	2,435,042	SALLWASSER, ALAN J.	2,449,351
MINISTER, DAVID BRIAN	2,435,134	PERRIN-SARAZIN, FLORENCE	2,435,129	SANDERS, ALLAN	2,449,413
MINTER, MEARL J.	2,461,802	PERRY, LESLIE WAYNE	2,474,413	SANDERSON, MARC HAGEN	2,473,352
MINTER, MEARL J.	2,462,366	PETERSON, ANDREW	2,474,318	SASAMA, TOSHIHIKO	2,472,913
MIRAUTOUR, GERARD GABRIEL	2,472,934	PETERSON, WAYNE	2,434,865	SATO, YOSHINOBU	2,449,351
MIROUDOT, FREDERIC	2,472,935			SCHMIDT, FRIEDRICH GEORG	2,449,351
MOHRI, MASAHIRO	2,473,213				2,473,485
MOMOI, YASUYUKI	2,449,351				
MOORE WALLACE NORTH AMERICA, INC.	2,460,287				
MORENCY, JIMMY	2,434,640				
MORENCY, JIMMY	2,473,761				

**Index of Canadian Applications Open to Public Inspection**  
**January 9, 2005 to January 15, 2005**

SCHMIDT, FRIEDRICH GEORG	2,473,525	SUGIURA, MADOKA	2,449,351	WALES, KENNETH S.	2,473,512
SCHMIDT, FRIEDRICH GEORG	2,474,426	SUNAMI, TAKEO	2,473,762	WALES, KENNETH S.	2,473,612
SCHOENNENBECK, GERT	2,473,445	SUNCOR ENERGY INC.	2,435,113	WALKER, ANTON	2,435,113
SCHRAM, STEVE	2,467,317	SUNNYBROOK AND WOMEN'S COLLEGE AND HEALTH SCIENCES CENTRE	2,473,963	WANG, SOO CHANG	2,472,978
SCHRAM, STEVE	2,467,323	SWAYZE, JEFFREY S.	2,473,512	WARNER, DAVID BENJAMIN	2,473,052
SCHUCHERT, EUGENE H.	2,469,167	SWIETLIK, GEORGE	2,473,424	WASNEY, PAUL A. (DECEASED)	2,467,335
SCHWARZ VERBINDUNGS- SYSTEME GMBH	2,470,372	SYLVESTER, LISBETH PEDERSEN	2,473,344	WATERS INVESTMENT LIMITED	2,473,823
SCHWARZ, HELMUT	2,470,372	TAM, FRED	2,473,963	WEATHERFORD/LAMB, INC.	2,473,015
SEDA S.P.A.	2,436,292	TANAKA, DON	2,474,397	WEATHERFORD/LAMB, INC.	2,473,073
SEDA S.P.A.	2,436,297	TARRANT, CHRISTOPHER F.	2,474,534	WEATHERFORD/LAMB, INC.	2,473,210
SEIBOTH, WOLFGANG	2,474,286	TEBULO INDUSTRIAL AUTOMATION B.V.	2,472,983	WEATHERFORD/LAMB, INC.	2,473,216
SETSER, MICHAEL EARL	2,473,504	TECUMSEH PRODUCTS COMPANY	2,473,211	WEATHERFORD/LAMB, INC.	2,473,217
SHELTON, FREDERICK E., IV	2,473,504	TELEMEDIC	2,433,998	WEATHERFORD/LAMB, INC.	2,474,296
SHELTON, FREDERICK E., IV	2,473,512	TEMPelman, HERREBERTUS	2,473,315	WEATHERFORD/LAMB, INC.	2,474,410
SHI, LIE	2,468,218	TEODOSIU, DAN	2,472,528	WEATHERFORD/LAMB, INC.	2,474,413
SHIMEK, JUSTIN	2,474,318	TEUNE, RICKY J.	2,453,958	WEIDNER, SAMUEL	2,473,400
SHOEMAKER, RODNEY	2,435,478	THANH LE, TUONG	2,473,511	WEISENBURGH, WILLIAM BRUCE II	2,473,504
SIKORA, MANFRED	2,473,332	THE BOEING COMPANY	2,467,135	WENNING, ANDREAS	2,473,525
SILVERA, RAUL E.	2,435,148	THE HOSPITAL FOR SICK CHILDREN	2,473,061	WENNING, ANDREAS	2,474,426
SKINNER, ROBIN G.	2,473,211	THIESSEN, KEITH	2,435,015	WEST, THOMAS	2,462,249
SKOTNIKOV, ANDREY VALERYEVICH	2,473,368	THOMAS & BETTS INTERNATIONAL, INC.	2,472,991	WEST, THOMAS	2,474,335
SMITH INTERNATIONAL, INC.	2,474,319	THOMAS, ALFRED	2,466,573	WESTCOTT, DALE	2,473,211
SNECMA MOTEURS	2,472,934	THOMAS, ALFRED	2,474,293	WESTON, ADRIAN	2,434,689
SNECMA MOTEURS	2,472,935	TIME WARNER CABLE, A DIVISION OF TIME WARNER	2,473,324	WHITE BOX, INC.	2,473,440
SNECMA MOTEURS	2,472,939	ENTERTAINMENT COMPANY, L.P.	2,473,339	WING, FORREST F.	2,469,167
SNECMA MOTEURS	2,473,335	TIR SYSTEMS LTD.	2,473,339	WMS GAMING INC.	2,466,573
SNYDER, RONALD P.	2,473,624	TNR INDUSTRIAL DOORS INC.	2,473,689	WMS GAMING INC.	2,473,287
SOLOMON, IRVING	2,473,313	TON-THAT, MINH-TAN	2,463,208	WMS GAMING INC.	2,474,293
SONENBERG, NAHUM	2,436,104	TOURNE, CHRISTOPHE YVON GABRIEL	2,435,129	WOUTERS, MARIELLE	2,473,525
SONENBERG, NAHUM	2,454,540	TREMBLAY, MARLEINE	2,472,939	WOUTERS, MARIELLE	2,474,426
SONG, SEUNGWON (CHRIS)	2,473,528	TRIANTOPOULOS, GEORGE	2,473,963	WRIGHT, ASHLEY	2,474,162
SONIAK, FRANCIS GILLES BASILE	2,472,934	TURKEWITSCH, ALEX	2,472,991	YONENOBU, KAZUO	2,449,351
SORRELLS, MICHAEL C.	2,474,298	TURKEWITSCH, ALEX	2,467,317	YOSHIDA, HIROMICHI	2,473,213
SOWA, WOLFRAM	2,473,320	TURLEY, ROCKY A.	2,467,323	YOSHIDA, TOSHIYA	2,473,622
SPAANS, JOHAN	2,472,983	TUSA, JAMES KENNETH	2,474,296	YOUNG, ALLEN R.	2,473,511
SPADAFORA, TONY	2,434,832	VAN BRACHT, HENK	2,473,342	YS YANG, JEFFERSON	2,473,301
SPEICHINGER, JUSTIN DOUGLAS	2,473,368	VAN BRACHT, HENK	2,473,525	YS YANG, JEFFERSON	2,473,304
SPINKE, JUERGEN	2,473,342	VAN DYK, JAKE	2,474,426	YU, HUI-NAN	2,434,909
SPYROU, EMMANOUIL	2,473,485	VANAMBURG, DARRYL M.R.	2,435,190	YU, TA-HUA	2,468,218
STAHL, MARTIN	2,473,183	VARADARAJ, RAMESH	2,433,383	YU, TSAI-YUN	2,473,052
STAR BRONZE COMPANY, INC.	2,474,420	VARCO I/P, INC.	2,473,268	ZIMMERMAN, WAYNE	2,467,317
STAVA, ELLIOTT K.	2,453,879	VIA, GREG	2,472,792	ZIMMERMAN, WAYNE	2,467,323
STENEKES, MURRAY D.	2,434,986	VOLVO TRUCKS NORTH AMERICA, INC.	2,473,019	ZIMMERMAN, WAYNE	2,467,335
STONES, KEVIN	2,473,488	WADDELL, KEVIN KARL	2,474,298	ZUERN, ROLF	2,473,183
STONES, KEVIN	2,473,516	WALES, KENNETH S.	2,473,476		
STONES, KEVIN	2,473,517		2,473,482		
STONES, KEVIN	2,473,518				
STONES, KEVIN	2,473,597				
STONES, KEVIN	2,473,599				
STONES, KEVIN	2,473,601				
STONES, KEVIN	2,473,604				
STONES, KEVIN	2,473,605				
STONES, KEVIN	2,473,607				
STONES, KEVIN	2,473,869				
STONES, KEVIN	2,473,928				
STRAUMANN HOLDING AG	2,473,598				
SUET, PATRICE	2,472,939				
SUGANO, NOBUHIKO	2,449,351				

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

3M INNOVATIVE PROPERTIES COMPANY	2,483,127	ALKEMA, DUURT PIETER WILLEM	2,483,308	ARMITAGE, IAN GORDON	2,483,479
3M INNOVATIVE PROPERTIES COMPANY	2,483,773	ALKEMA, DUURT PIETER WILLEM	2,483,385	ARMOUR, ROGER HANIF	2,484,048
3M INNOVATIVE PROPERTIES COMPANY	2,484,299	ALLMENDINGER, THOMAS	2,484,935	ARMSTRONG, HELEN M.	2,478,183
3M INNOVATIVE PROPERTIES COMPANY	2,484,361	ALMEIDA, MARILIA SIRIANNI DOS SANTOS	2,480,494	ARNOLD, GREGOR	2,484,023
4KIDS ENTERTAINMENT LICENSING, INC.	2,484,359	ALONSO-ALIJA, CRISTINA	2,483,865	ARONHIME, JUDITH	2,483,532
ABBOTT LABORATORIES	2,484,197	ALTANA PHARMA AG	2,484,272	ARONHIME, JUDITH	2,483,569
ABBOTT, NICHOLAS	2,479,297	ALTANA PHARMA AG	2,484,276	ARPALAHTI, OLLI	2,484,718
ABDO, NADIM Y.	2,468,461	AMATHIEU, LORIS	2,484,045	ARQUEL, INC.	2,484,981
ABE, TAKAO	2,483,533	AMEGADZIE, ALBERT	2,484,188	ASHLAND INC.	2,484,452
ABE, TAKAO	2,483,538	KUDZOVI	2,484,893	ASTRAL, INC.	2,479,187
ABEL, ADRIANUS GIJSBERTUS MARIA	2,483,562	AMERICAN BIOPHYSICS CORP.	2,484,290	ASTRAZENECA AB	2,484,065
ABEL, ADRIANUS GIJSBERTUS MARIA	2,483,308	AMERICAN MEDICAL SYSTEMS, INC.	2,482,550	ATALAR, ERGIN	2,482,291
ABELLO, LLUIS	2,483,385	AMERICAN PROMOTIONAL EVENTS, INC.	2,480,190	ATB	
ABELLO, LLUIS	2,484,377	AMIT, MICHAL	2,484,209	AUTOMATISIERUNGSTEC NIK GMBH & CO. KG	2,484,284
ABERDEEN UNIVERSITY	2,484,415	ANAND, NEEL KUMAR	2,484,122	ATHANASIOU, KYRIACOS A.	2,479,840
ABGENIX, INC.	2,485,180	ANDERSON, KEITH M. K.	2,484,290	ATLAS COPCO SECOROC AB	2,484,540
ABU-THREIDEH, JANE	2,478,547	ANDERSON, KIMBERLY A.	2,484,718	ATON PHARMA, INC.	2,478,094
ACCESS BUSINESS GROUP INTERNATIONAL LLC	2,483,497	ANDRITZ OY	2,483,864	AVENTIS PASTEUR LIMITED	2,481,719
ACHARYA, MEETALI	2,483,519	ANDRUS, DON N.	2,484,488	AVENTIS PHARMA	
ACHER, OLIVIER	2,484,547	ANG, LI	2,483,505	DEUTSCHLAND GMBH	2,483,786
ADAMS, MARK L.	2,482,154	ANGES MG, INC.	2,483,834	AVON PRODUCTS, INC.	2,485,403
ADAMS, NATHAN W.	2,484,073	ANIGBOGU, ANGELA	2,480,190	AWADESH, MISHRA K.	2,484,375
AFFERENT CORPORATION	2,484,596	AOL TIME WARNER	2,484,209	AXIOWAVE NETWORKS	2,484,601
AGARWAL, ATUL	2,484,916	INTERACTIVE VIDEO GROUP, INC.	2,484,122	AXYS PHARMACEUTICALS	2,484,011
AGARWAL, ATUL	2,483,538	AOUAD, YOUSEF GEORGES	2,484,290	AYALA, ROLAND Y.	2,468,461
AGENSYN, INC.	2,483,562	APPANNA,	2,484,718	AYER, MICHELLE B.	2,483,771
AGNEW, BRIAN	2,480,811	CHANDRASHEKHAR	2,483,864	AZBIO CORP	2,485,882
AGRAWAL, RAKESH	2,483,868	APPEL, WILLIAM S.	2,484,488	BAARMAN, DAVID W.	2,483,519
AGRINOMICS, LLC	2,483,992	APPLERA CORPORATION	2,483,505	BABCOOK, JOHN	2,478,547
AHLGRIM, DIRK	2,483,498	APPLIED EXTRUSION TECHNOLOGIES, INC.	2,483,834	BADYLAK, STEPHEN FRANCIS	2,483,683
AHLUWALIA, GURPREET S.	2,484,916	APPLIED RESEARCH SYSTEMS	2,484,620	BADYLAK, STEPHEN FRANCIS	2,483,908
AHMAD, NAWAZ	2,483,634	ARS HOLDING N.V.	2,483,649	BAI, YUCHEN	2,483,323
AHMAD, NAWAZ	2,484,318	APV SYSTEMS LIMITED	2,484,427	BAIJENSE, CORNELIS	
AIR PRODUCTS AND CHEMICALS, INC.	2,484,329	AQUA GLASS CORPORATION	2,484,982	ROELAND	2,483,548
AIR PRODUCTS AND CHEMICALS, INC.	2,483,964	AQUERO COMPANY LLC	2,483,433	BAIK, TAE-GON	2,484,209
AIR PRODUCTS AND CHEMICALS, INC.	2,483,965	ARAI, MIKIYA	2,483,497	BAINBRIDGE, MARLENE	
AIR PRODUCTS AND CHEMICALS, INC.	2,484,066	ARAI, MIKIYA	2,483,767	ADELE	2,484,195
AJINOMOTO CO., INC.	2,484,306	ARALDI, GIAN LUCA	2,483,555	BAKER, MAREK	2,484,934
AKITA, MICHIO	2,484,613	ARCHER-DANIELS-MIDLAND COMPANY	2,483,555	BANORA, MICHELA	2,483,781
AKITU, OTUTE	2,484,212	ARELLANO, MELISSA	2,483,540	BAO, BAGNA	2,483,555
AKIYOSHI, MASAO	2,483,528	ARGHYRIS, LAURENT	2,483,388	BARKER, JEREMY	2,483,918
AKIYOSHI, MASAO	2,484,285	ARICO-MUENDEL, CHRISTOPHER C.	2,483,537	BAR-NER, NIRA	2,484,599
AKZO NOBEL N.V.	2,483,839	ARIMONDI, MARCO	2,483,528	BARNES, CHRISTOPHER	2,483,228
ALCON, INC.	2,483,275	ARIMONDI, MARCO	2,484,285	BARNETT, STEVEN	2,484,134
ALFORD, KEVIN	2,484,912	ARIZA, EUGENIA	2,483,555	BARRATTE, CHRISTINE	2,483,822
		ARLING, PAUL D.	2,484,091	BARRY, GERARD J.	2,484,818
			2,484,968	BARTA, THOMAS E.	2,483,314
			2,484,552	BARTEN, PAULUS L. W. M.	2,484,593
			2,484,189	BARTOLINI, BARBARA	2,483,991
			2,483,308	BARTULIS, SARAH	2,483,573
			2,483,385	BASF AKTIENGESELLSCHAFT	2,480,515
			2,477,741	BASF AKTIENGESELLSCHAFT	2,483,310
			2,483,833	BASF AKTIENGESELLSCHAFT	2,483,470
				BASF AKTIENGESELLSCHAFT	2,483,472
				BASF AKTIENGESELLSCHAFT	2,484,268
				BASLER, HERMANN	2,484,497

## Index of PCT Applications Entering the National Phase

BATEMAN, ROBERT HAROLD	2,484,125	BERNHARD, WOLFGANG	2,484,284	BOEHRINGER INGELHEIM
BATES, BRIAN L.	2,484,383	BERTEAUD, ANDRE-JEAN	2,483,410	PHARMA GMBH & CO. KG
BATES, STANLEY R.	2,483,498	BERUBE, ANDRE	2,484,464	BOEHRINGER INGELHEIM
BATISSON, ISABELLE	2,479,270	BERVANG, ANDERS GREVE	2,483,558	PHARMACEUTICALS, INC.
BATTELLE MEMORIAL INSTITUTE	2,484,291	BESSETTE, BRUNO	2,483,790	2,483,597
BATTELLEPHARMA, INC.	2,480,123	BETELIA, RAINIER	2,484,072	BOEMER, ULF
BATTERBERRY, TROY D.	2,468,461	BETKA, MARLIES	2,481,827	BOHN, ROLAND
BATTISTINI, LUCA	2,483,904	BETTATI, MICHELA	2,484,162	BOLD, GUIDO
BAULIER, DOMINIQUE	2,483,768	BETTING, MARCO	2,484,297	BONDE, ERIC
BAUM, PETER R.	2,483,698	BETTING, MARCO	2,484,301	BONOMI, FLAVIO
BAUMANN, OLIVER	2,483,822	BEWS, DUNCAN ALEXANDER	2,484,818	BOOTH, RICHARD JOHN
BAUMRUKER, THOMAS	2,483,594	BIADATTI, THIBAUD	2,483,817	BORCHARDT, STEVEN
BAUR, RICHARD	2,483,470	BIADATTI, THIBAUD	2,484,450	BOROCHOVITCH, RONEN
BAXTER INTERNATIONAL INC.	2,484,122	BICKER, MATTHIAS	2,484,023	BORSELLINO, GIOVANNA
		BIERMANS, ANDREAS		BOSCHELLI, DIANE HARRIS
BAXTER INTERNATIONAL INC.	2,484,977	JOHANNES	2,483,648	2,483,529
BAXTER INTERNATIONAL, INC.	2,484,547	BILLHARTZ, THOMAS JAY	2,483,879	BOSMA, EPKE
BAYER CHEMICALS CORPORATION	2,484,506	BILLHARTZ, THOMAS JAY	2,483,880	BOSS, EUGEN
BAYER CROPSCIENCE AKTIENGESELLSCHAFT	2,483,816	BILLHARTZ, TOM	2,484,486	BOSTON SCIENTIFIC LIMITED
BAYER HEALTHCARE AG	2,483,303	BILLHARTZ, TOM	2,484,490	2,483,792
BAYER HEALTHCARE AG	2,483,865	BILLHARTZ, TOM	2,484,495	BOSTON SCIENTIFIC LIMITED
BAYER MATERIALSCIENCE AG	2,483,829	BINGAMAN, DAVID P.	2,484,505	2,483,823
BAYER MATERIALSCIENCE LLC	2,483,852	BINGEMANN, RUDOLF	2,483,275	BOSTON SCIENTIFIC LIMITED
BAYER MATERIALSCIENCE LLC	2,483,858	BIOGAL GYOGYSZERGYAR RT.	2,484,268	2,483,871
BAYLOR COLLEGE OF MEDICINE	2,483,323	BIOGAL GYOGYSZERGYAR RT.	2,483,532	BOSTON SCIENTIFIC LIMITED
BAYLOR COLLEGE OF MEDICINE	2,484,336	BIOMET DEUTSCHLAND GMBH	2,483,566	BOT, ADRIAN I.
BEACHY, PHILIP A.	2,483,311	BIOMET DEUTSCHLAND GMBH	2,483,859	BOUCHER, KENNETH
BEAUDRY, WALLACE J.	2,483,543	BIONUMERIK	2,484,956	BOUCIC, PHILIP J.
BECK, STEPHEN C.	2,484,359	PHARMACEUTICALS, INC.		BOUSSE, LUC J.
BECKER, DANIEL P.	2,483,314	BIONUMERIK	2,483,775	BOUVIER, JACQUES
BECKMAN COULTER, INC.	2,478,699	PHARMACEUTICALS, INC.		BOYLE, CRAIG D.
BECTON, DICKINSON AND COMPANY	2,484,265	BIOQUELL UK LIMITED	2,483,857	BOYLE, NICHOLAS A.
BEDELL, LOUIS J.	2,483,314	BIO-RAD LABORATORIES, INC.	2,483,995	BOYNTON, SCOTT ANTHONY
BEDNARZ, MARC	2,484,237	BIOSYNEXUS INCORPORATED	2,478,236	BOYNTON, SCOTT ANTHONY
BEECHEM, JOSEPH	2,483,868	BIOTA, INC.	2,479,807	BP EXPLORATION OPERATING
BEHLE, STEPHAN	2,484,023	BIOTAGE, INC.	2,477,741	COMPANY LIMITED
BEINART, YOSSI	2,483,605	BIRCHMORE, MARK STEVEN	2,484,928	BP OIL INTERNATIONAL
BELANOFF, JOSEPH K.	2,483,855	BIRD, ABIGAIL	2,484,215	LIMITED
BELDEN, ELISABETH	2,484,543	BIRKTOPF, JENS	2,484,189	BRAINTREE LABORATORIES,
BELL HELICOPTER TEXTRON INC.	2,484,328	BISCHOFF, HILMAR	2,483,995	INC.
BELL, WILLIAM PAUL	2,483,411	BISHOP, JAMES A., JR.	2,483,865	2,484,303
BELLASSAI, JOSEPH S.	2,484,213	BISHOP, JAMES A., JR.	2,484,362	BRANCH, ANGIE
BENCSITS, FRANZ	2,484,178	BISSELL, DONALD KERR	2,484,917	BRANDSTETTER, JOHN S.
BENDER, BRIAN	2,484,931	BIXBY, JAMES A.	2,483,995	BRANDSTETTER, TILMANN
BEN-FARAH, MOEZ	2,483,584	BIZ, PHILIPPE	2,484,982	BRANDT, ROBERT
BENJE, MICHAEL	2,483,981	BJORSHOL, NILS H.	2,484,262	BRANNIGAN, DIANE
BERDOYES, MICHEL	2,484,262	BLACK, KERRY PETER	2,483,681	BRANT, STEVEN B
BERESIS, RICHARD	2,484,631	BLACKBURN-MUNRO,	2,483,821	BRASSE, CLAUDIA
BERG, ERIC P.	2,483,778	GORDON JOHN	2,484,482	2,483,447
BERG, RICHARD	2,483,838	BLACKLIGHT POWER, INC.	2,483,780	BRAUN, DIETRICH
BERGER, DAN MAARTEN	2,483,529	BLAGG, JULIAN	2,479,016	BREVARD, WILLIAM
BERGERSEN, EARL O.	2,484,019	BLAHA, ERIC V.	2,484,543	2,484,202
BERGERSEN, EARL O.	2,484,033	BLANKENSHIP, CALVIN	2,483,376	BRIEM, HANS
BERGES, JOSE	2,483,447	BLAZECKA, PETER GARTH	2,483,830	BRINKMANN, VOLKER
BERGET, JOHN ARVE	2,484,175	BLIZZARD, TIMOTHY ALLEN	2,484,038	2,483,594
BERGHOLTZ, LARS	2,484,142	BLOOM, PAUL D.	2,485,091	BRISTOL MYERS SQUIBB
BERKEVELD, LOUIS DAVID	2,484,924	BLUM, JOHN B.	2,483,733	COMPANY
BERLINER, DAVID L.	2,484,596	BOAS, DAVID A.	2,484,488	2,483,304
		BOATMAN, SCOTT E.	2,484,383	BROECKER, RICHARD
		BOBE, PEDRO	2,483,764	2,484,912
		BODINEK, MARGRIT	2,483,549	BROGLEY, LOUIE
		BOECKL, ANDREW J.	2,484,950	2,483,573
		BOEHM, TERRI L.	2,483,314	BROOKS, JENNIFER L.
		BOEHM, THOMAS	2,483,750	2,477,741
				BROWN, CHARLES
				2,483,388
				BROWN, DAVID L.
				2,483,314
				BROWN, JEFFREY MARK
				2,484,125
				BROWN, MATTHEW K.
				2,484,365
				BROWN, MATTHEW K.
				2,484,914
				2,484,917

## Index des demandes PCT entrant en phase nationale

BROWN, PETER JOHN	2,483,304	CESURA, ANDREA	2,483,461	CISCO TECHNOLOGY, INC.	2,484,461
BRUESTLE, JEREMY	2,483,847	CEZANNE, BERTRAM	2,483,228	CLARK, GREGORY L.	2,484,180
BRUICE, THOMAS W.	2,477,741	CHACKALAMANNIL, SAMUEL	2,484,217	CLEVELAND RANGE, INC.	2,484,213
BRUNNER, NINA	2,483,303	CHAFFEE, ROBERT B.	2,484,510	CLEVELAND, CHRISTOPHER S.	2,484,364
BRUST, GEORGE A.	2,483,316	CHAFIN, DAVID R.	2,478,096	CLEVELAND, MARK VB.	2,484,303
BRYANT, WILLIAM E.	2,484,593	CHAKFE, NABIL	2,483,921	CLIFFORD, ANTON G.	2,484,197
BUCHMANN, BERND	2,484,597	CHAKRAVARTY, PRASUN K.	2,483,771	CO, ERICK WANG	2,484,209
BUCHNER, KELLY WAYNE	2,483,412	CHALLITA-EID, PIA M.	2,480,811	COBIAN, RYAN K.	2,484,543
BUEHL, JOSEPH	2,484,620	CHAMBERS, MARK STUART	2,484,162	COBURN, STEVEN	2,484,064
BUHR, CHRIS A.	2,484,209	CHAMPION TECHNOLOGIES,		COCO COMMUNICATIONS	
BUI, TUAN	2,484,547	INC.	2,483,568	CORP.	2,483,847
BUITINK, FREDERICUS HENRICUS MARIA	2,483,648	CHAN, BENJAMIN CHUN PONG	2,484,472	COHEN, NATHAN M.	2,484,461
BUJEAU, ROBERT FERNAND	2,484,063	CHAN, HUEY QUOC	2,483,823	COLD JET, INC.	2,484,912
BUNNELL, H. DEAN	2,484,327	CHANG, CHAK MAN THOMAS	2,483,753	COLLETTE, PASCAL	2,483,817
BUNN-O-MATIC CORPORATION	2,484,926	CHANG, CHUNCHENG	2,483,793	COLLETTE, PASCAL	2,484,450
BURKE, STEPHEN A.	2,484,461	CHANG, LINDA L.	2,478,183	COLLETTI, STEVEN L.	2,484,631
BURKHARDT, NILS	2,483,865	CHANG, YONG	2,484,991	COLLINGS, BRUCE A.	2,483,542
BURNES, JOHN E.	2,483,536	CHATTOPADHYAY, PRATIBHASH	2,483,563	COLLINS, IAN RALPH	2,484,947
BURNSIDE, BETH A.	2,483,827	CHELBI ALIX, KMAR	2,483,764	COLLINS, JAMES J.	2,484,916
BURTON, DAVID G.	2,484,383	CHEMI S.P.A.	2,483,862	COMER, ALLEN	2,483,547
BURTON, DEWEY EDWARD	2,484,207	CHEN, AN MEI	2,484,037	COMMISSARIAT A L'ENERGIE ATOMIQUE	2,482,154
BUSSIÈRE, CHRISTIAN	2,483,788	CHEN, BAILI	2,484,209	COMPAGNIE GENERALE DE EAUX	2,484,523
BUTORA, GABOR	2,483,752	CHEN, CAROLINE	2,484,968	COMPX INTERNATIONAL INC.	2,484,214
BUTORA, GABOR	2,483,843	CHEN, CHEN	2,484,968	CONDIE, CATHERINE R.	2,483,854
BUTTERWORTH, TAD T.	2,483,307	CHEN, JAMES K.	2,483,311	CONDIE, CATHERINE R.	2,484,929
C.D.C. S.R.L.	2,483,278	CHEN, JEFF	2,484,209	CONNOLLY, DENNIS M.	2,478,096
C.G. BRETTING MANUFACTURING COMPANY, INC.	2,483,307	CHEN, WEI	2,484,621	CONNORS, KARIN A.	2,483,769
CACERES, RAMON	2,483,605	CHEN, WEN YAUN	2,484,624	CONTENTGUARD HOLDINGS, INC.	2,484,493
CAIN, JOSEPH BIBB	2,484,486	CHEN, YIYUAN	2,483,330	CONTINUUM PHOTONICS, INC.	2,483,572
CAIN, JOSEPH BIBB	2,484,489	CHEN, YUEHUA	2,483,314	CONWAY, JAMES N., JR.	2,483,833
CAIN, JOSEPH BIBB	2,484,490	CHEN, ZHIDONG	2,484,481	COOK BIOTECH, INC.	
CAIN, JOSEPH BIBB	2,484,501	CHEN, ZHIQIANG	2,483,890	COOK INCORPORATED	2,484,614
CAIN, JOSEPH BIBB	2,484,502	CHERNENKO, VLADIMIR	2,478,089	COOK INCORPORATED	2,484,383
CAIN, JOSEPH BIBB	2,484,503	CHERRINGTON, JULIE M.	2,484,894	COOK, CHARLES MICHAEL	2,484,189
CALDWELL, COLBY G.	2,483,769	CHIDDIX, JAMES A.	2,484,324	COOK, PHILLIP DAN	2,477,741
CALIPER LIFE SCIENCES, INC.	2,480,200	CHIEN, THOMAS YUNG-HUI	2,484,620	COOPER, ANDREW J.	2,484,029
CALLAHAN, JOHN W.	2,484,620	CHIOU CONSULTING, INC.	2,483,823	COPPOLA, TOMMASO	2,483,934
CAMPBELL, WILLIAM R.	2,484,183	CHIOU, LINDA L.	2,484,514	CORBETT, THOMAS ROBERT	2,484,351
CAMPOS, MICHAEL	2,484,114	CHIOU, WIN L.	2,484,514	CORCEPT THERAPEUTICS, INC.	
CAMPOS, MICHAEL	2,484,167	CHIRNSIDE, IAIN BEVERIDGE	2,485,180	COOK INCORPORATED	2,483,855
CAMPOS, STEPHEN B.	2,484,461	CHITI, GIACOMO	2,484,070	CORMIER, DAVID C.	2,484,114
CAMPS, CHRISTOPHER HUGH	2,484,986	CHIU, HONGYOUNG	2,483,793	CORNIELLO, CRISTINA	2,483,991
CAO, HAN	2,482,566	CHO, EUI-HWAN	2,478,302	CORTI, ANGELO	2,484,425
CAO, MIAOYANG	2,484,893	CHO, YONG KYUN	2,483,779	COSTELLO, PATRICK	2,484,436
CARCAGNO, GABRIEL E.	2,483,934	CHO, YONG KYUN	2,483,854	COTY INC.	2,483,907
CARHUFF, PETER	2,483,465	CHOU, STEPHEN Y.	2,484,929	COUGHLIN, STEPHEN JOHN	2,483,836
CARLSON, CHERYL	2,485,088	CHU, MICHAEL S. H.	2,482,566	COVERT, MARKUS W.	2,480,216
CARLUCCI, JOHN B.	2,484,620	CHUGUNOV, BORIS	2,484,937	COWACHE, PIERRE	2,483,584
CARMINATI, PAOLO	2,483,904	CHUNG, SUN-GAN	2,483,479	COWAN, SIU MAN L.	2,480,123
CARNELL, ANDREW JOHN	2,484,985	CHUNG, WAYNE CHENGWEN	2,478,302	COX, JAMES E.	2,484,290
CARROLL, JEFFERY N.	2,483,314	CIBA SPECIALITY CHEMICALS HOLDING INC.	2,484,085	CRISTALID SA	2,484,004
CARTELA AB	2,480,326	CIBA SPECIALTY CHEMICAL HOLDING INC.	2,484,148	CROSBY, LEE R.	2,480,170
CARTER, NICK	2,485,088	CIBA SPECIALTY CHEMICAL HOLDING INC.	2,483,781	CUEVAS, RODNEY L., JR.	2,484,555
CARVER, DAVID	2,483,613	CIBA SPECIALTY CHEMICAL HOLDING INC.		CULLIGAN INTERNATIONAL COMPANY	2,484,523
CASTALDI, GRAZIANO	2,484,585	CIBA SPECIALTY CHEMICAL HOLDING INC.	2,483,842	CUMMINGS, DAVID O.	2,483,400
CASTIGLIONE, STEPHANIE B.	2,483,773	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,483,836	CURACYTE AG	2,478,412
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,483,327	CIBA SPECIALTY CHEMICALS HOLDING INC.	2,484,332	CURD, DAVID A.	2,484,328
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	2,483,584	CISCO TECHNOLOGY, INC.	2,484,253	CURL, ROBERT F.	2,484,336
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)	2,483,764	CISCO TECHNOLOGY, INC.	2,484,255	CURNIS, FLAVIO	2,484,425
CERVIN, MARGUERITE A.	2,483,338	CISCO TECHNOLOGY, INC.	2,484,260	CUTHBERT, NIGEL	2,483,865
		CISCO TECHNOLOGY, INC.	2,484,427	CYDEX, INC.	2,483,774
		CISCO TECHNOLOGY, INC.	2,484,436	CYWIN, CHARLES L.	2,483,890
		CISCO TECHNOLOGY, INC.	2,484,442	DA ROIT, GIOVANNI	2,484,332
		CISCO TECHNOLOGY, INC.	2,484,446	DADE BEHRING INC.	2,484,225
		CISCO TECHNOLOGY, INC.		DAGENAIS, DAN	2,484,497
		CISCO TECHNOLOGY, INC.		DAHANUKAR, VILAS H.	2,483,923

## Index of PCT Applications Entering the National Phase

DAHMEN, PETER	2,483,816	DITTRICH, DAVID JOHN	2,484,064	EICKHOFF, DAVID JOSEPH	2,486,381
DAIMLERCHRYSLER AEROSPACE AG	2,483,223	DNAVEC RESEARCH INC.	2,484,287	EICKHOFF, HUBERTUS	2,483,447
DAINIPPON INK AND CHEMICALS INC.	2,483,899	DOAN, THANH	2,477,624	EIDEX, BRIAN	2,485,031
DAINIPPON PHARMACEUTICAL CO., LTD.	2,483,368	DOBRUSIN, ELLEN MYRA	2,483,496	EIS, KNUST	2,484,597
DALRYMPLE, LISA ESTHER	2,484,209	DOBSON, RANDY EZELL	2,483,839	EISA, MOHAMED, BAHAA, EL DIN	2,484,608
DANIEL, SYDNEY D.	2,483,979	DOHERTY, JAMES BURKE	2,484,631	EL HABA, MOSTAFA	2,483,410
DANNAWI, MARWAN	2,484,202	DONALD COMPANY, INC.	2,484,208	ELAN PHARMACEUTICALS, INC.	2,483,573
DAPPAN, MICHAEL S.	2,483,573	DONG, MING	2,483,918	ELECTRICITE DE FRANCE-SERVICE NATIONAL	2,483,584
DARISH, JAY L.	2,483,276	DORIAN, RANDEL	2,483,931	ELI LILLY AND COMPANY	2,484,188
DAUPLAISE, DAVID	2,484,506	DORSCH, DIETER	2,483,228	ELI, ERIK	2,484,197
DAVIDSON, JAMES GUY III	2,483,830	DOUBLEDAY, WALTER	2,484,167	EMEIGH, JONATHAN	2,483,890
DAVIES, MICHAEL BIRSHA	2,484,592	DOUBLEDAY, WALTER D.	2,484,114	EMU INDUSTRY FEDERATION OF AUSTRALIA INC.	2,477,738
DAVIS, CHARLES P.	2,483,898	DOW GLOBAL TECHNOLOGIES INC.	2,483,326	ENANTA PHARMACEUTICALS, INC.	2,483,875
DAVIS, JAMES C.	2,484,062	DOWNIE, NEIL ALEXANDER	2,483,964	ENARI, MASATO	2,478,220
DAVIS, JOHN ALFRED	2,484,985	DOWNIE, NEIL ALEXANDER	2,483,965	ENAYETULLAH, MOHAMMAD	2,483,394
DAWSON, THOMAS LARRY	2,486,388	DOWNIE, NEIL ALEXANDER	2,484,066	ENDERMANN, RAINER	2,483,303
DE BARRIENTOS, FRANK JEFFERSON ALARCON	2,480,494	DRABICK, JOSEPH	2,479,807	ENDOTEX INTERVENTIONAL SYSTEMS, INC.	2,484,072
DE JONG, JAN	2,483,867	DRAUDT, GREGG R.	2,484,916	ENEA, VINCENZO	2,484,020
DE KOCK, HERMAN AUGUSTINUS	2,479,012	DRESSMAN, RICHARD	2,484,912	ENGELHARD CORPORATION	2,483,548
DE LAVELEYE-DEFAIS, FRANCOISE	2,484,954	DREWES, MARK WILHELM	2,483,816	EOCYCLE TECHNOLOGIES INC.	
DE SANTIS, RITA	2,483,904	DRINKWATER, JAMES LINDSAY	2,483,995	EPSCH, REBEKKA	2,482,125
DEANGELIS, YVONNE MARIE	2,486,388	DROHMAN, CHRISTIAN	2,480,515	EPSHTEYN, SERGEY	2,484,299
DEBINSKI, WALDEMAR	2,479,306	DSM IP ASSETS B.V.	2,483,648	EQUIPOLYMERS GMBH	2,484,209
DEBIQUE, KIRT A.	2,468,461	DSM N.V.	2,478,275	ERAZO-MAJEWICZ, PAQUITA	2,484,897
DECKNER, GEORGE ENDEL	2,483,534	DUBENKO, LARISA	2,484,209	ERICSSON, JOHAN	2,484,205
DEGENHARDT, CHARLES RAYMOND	2,486,381	DUBOIS, MAXIME	2,482,125	ERIKSSON, VILHO	2,484,540
DEGROOT, PAUL J.	2,483,536	DUBROW, ROBERT S.	2,480,200	ERNST, STEPHEN M.	2,485,085
DEGROOT, PAUL J.	2,484,193	DUCRAY, PIERRE	2,483,286	ERNST, STEPHEN M.	2,484,362
DEGUSSA AG	2,483,447	DUFFY, JOHN	2,484,818	ERTL, HORST	2,484,917
DEI, DONATA	2,484,070	DUKE UNIVERSITY	2,478,089	ERYOU, ROBERT	2,483,981
DEI, HIROAKI	2,483,516	DUMONT, LARRY JOE	2,484,195	ETCHES, ROBERT J.	2,483,989
DELAVAL HOLDING AB	2,483,565	DUMORTIER, ANDRE	2,484,262	EUROPEAN TAX FREE SHOPPING LIMITED	2,480,018
DELLA PINA, GIUSEPPE	2,483,934	DUNCUM, SIMON NEIL	2,484,947	EURY, ROBERT P.	2,484,818
DELLAMARY, LUIS	2,479,187	DUNN, STEVEN B.	2,483,898	EXELIXIS INC.	2,483,823
DELTA BIOTECHNOLOGY LIMITED	2,485,064	DURAND, BERNARD	2,483,921	EXELIXIS PLANT SCIENCES, INC.	2,484,209
DEMAUDE, THIERRY	2,484,954	DURAND, EMMA A.	2,484,893	F. HOFFMANN-LA ROCHE AG	2,483,769
DEN HARTOG, JACOBUS A.J.	2,484,981	DURANO, CORINNE	2,483,286	F. HOFFMANN-LA ROCHE AG	2,483,461
DENNY, WILLIAM ALEXANDER	2,483,496	DURRE, REYNOLD F.	2,484,208	FAGAN, PATRICK C.	2,484,494
DEPARTMENT OF PRIMARY INDUSTRIES FOR AND ON BEHALF OF THE STATE OF NEW SOUTH WALES	2,484,904	DUVOLD, TORE	2,479,714	FAIRBROTHER, JOHN M.	2,477,741
DESLOGE, GEORGE B.	2,483,968	DYAX CORP.	2,485,064	FAMILI, IMANDOKHT	2,479,270
DESROCHES, GARRY B.	2,478,823	DYSTAR TEXTILFARBEN GMBH & CO.	2,483,933	FANTETTI, LIA	2,480,216
DETTINGER, RICHARD DEAN	2,483,963	DEUTSCHLAND KG	2,483,650	FARIES, DURWARD I., JR.	2,484,070
DEVLIN, WILLIAM JACKSON	2,484,225	E. I. DU PONT DE NEMOURS AND COMPANY	2,483,651	FARIS, MARY	2,483,376
DEVRIES, ROBERT B.	2,484,073	E. I. DU PONT DE NEMOURS AND COMPANY	2,484,229	FARMER, JAY JUDSON	2,480,811
DEW ENGINEERING AND DEVELOPMENT LIMITED	2,483,274	E.T.I.C.A. - ENGINEERING AND TECHNOLOGICAL INNOVATIONS IN CARDIO VASCULAR APPLICATIONS	2,484,230	FAROUZ, FRANCINE	2,483,875
DI BIASE, DONATO	2,484,269	EAST CAROLINA UNIVERSITY	2,484,231	FATIGATI, FRANCO	2,483,573
DIAMANT, VALERY	2,484,894	EASTIN, BRIAN C.	2,483,517	FAUST, VOLKER	2,483,430
DIBATTISTE, PETER M.	2,483,929	EATHERTON, WILLIAM	2,484,361	FEDERICI, CATHERINE	2,484,269
DICKINSON, EDWARD L.	2,483,465	EATON, PAUL EUGENE	2,484,446	FEDERSPIEL, NANCY	2,484,528
DIGERNES, ANDERS	2,483,844	EBETINO, FRANK HALLOCK	2,483,568	FEIX, GUNTER	2,483,498
DIGMANN, CHARLES J.	2,484,931	EBETINO, FRANK HALLOCK	2,483,787	FELDMAN, DAVID LOUIS	2,483,897
DIMATTEO, KRISTIAN	2,483,871	ECOLE CENTRALE DE NANTES	2,483,806	FENNY, CARLOS A.	2,485,081
DININNO, FRANK P.	2,484,038	EDTMAIR, JOACHIM	2,484,202	FERGUSON, COLIN G.	2,484,328
DIOMELLI, GIUSEPPE	2,483,278	EDWARDS, DAVID A.	2,484,284	FERRANTE, ANTONIO	2,484,170
DIPHARMA S.P.A.	2,484,585	EEROLA, MINNA	2,483,917	FERREIRA, JAN ABRAHAM	2,477,738
			2,484,416	FERRING B.V.	2,482,125
				FERRO CORPORATION	2,486,833
				FEUCHT, DIETER	2,483,563
				FIGLAR, JAMES N.	2,484,064
				FILIPOVIC, DANIEL F.	2,483,511

## Index des demandes PCT entrant en phase nationale

FILIPOVIC, DANIEL F.	2,484,194	GAMIDA-CELL LTD.	2,479,679	GLAXO GROUP LIMITED	2,484,592
FIORDELISO, JAMES J.	2,484,340	GANO & GANDY INDUSTRIES,		GLAXOSMITHKLINE	
FIRE ANGEL LIMITED	2,484,161	INC.	2,483,427	BIOLOGICALS S.A.	2,479,304
FIRMENICH SA	2,484,987	GANO, JOHN H., III	2,483,427	GLEESON, MARGARET M.	2,484,212
FISCHER, DAVID M.	2,484,061	GARAKANI, MEHRYAR K.	2,484,253	GLEITZ, JOHANNES	2,483,228
FISHER, ABRAHAM	2,484,599	GARAKANI, MEHRYAR K.	2,484,255	GLENN, TIMOTHY SCOTT	2,483,572
FITCH, JONATHAN R.	2,483,498	GARAKANI, MEHRYAR K.	2,484,260	GOBLE, STEPHEN D.	2,483,752
FITZGERALD, MARY F.	2,483,865	GARCIA COSTAS, AMAYA M.	2,480,639	GOBLE, STEPHEN D.	2,483,843
FITZSIMMONS, JOHN E.	2,483,276	GARCIA DE LA PENA		GOEBEL, THOMAS	2,483,286
FLANNER, HENRY	2,483,827	RAZQUIN, EMMANUEL	2,483,940	GOEDEKE, STEVEN D.	2,484,543
FLECHSIG, ECKHARD	2,478,220	GARCIA, JOHANN, S	2,484,136	GOLDBERG, ANNE	2,483,835
FLECK, ROMAN WOLFGANG	2,483,890	GARDI, STEFANO	2,484,332	GOMEZ, DURWARD	2,483,709
FLEMING, FRANK JOSEPH	2,483,879	GARDINIER, KEVIN MATTHEW	2,484,188	GOODACRE, SIMON CHARLES	2,484,162
FLEMING, FRANK JOSEPH	2,483,880	GARRAT, RICHARD CHARLES	2,480,494	GOODRICH, TAY	2,484,195
FLOERSHEIMER, ANDREAS	2,484,288	GARRETT, ANDREW JAMES	2,483,304	GOTO, AKIHIRO	2,483,528
FLUOR CORPORATION	2,484,085	GARRETT, GARRY STEVEN	2,486,381	GOTO, AKIHIRO	2,484,285
FOBIAN, YVETTE	2,483,314	GARRETT, ROSS I.	2,485,090	GOTTSCHALK, DANIEL C.	2,484,555
FOCKE & CO. (GMBH & CO.)	2,484,958	GARVER, WAYNE	2,484,130	GOURNAY, PHILIPPE	2,483,791
FOCKE, HEINZ	2,484,958	GASIECKI, ALAN F.	2,483,314	GPC BIOTECH AG	2,479,939
FOGLIANI, SABRINA	2,483,308	GAUDET, MANON	2,479,506	GRAFF, GUSTAV	2,483,275
FOGLIANI, SABRINA	2,483,385	GAYED, ATEF A.	2,483,774	GRAHAM, CURT	2,484,085
FORAY, MICHEL GEORGES	2,484,063	GE, WANGMAO	2,480,811	GRAHAM, KATHERINE A.	2,484,361
FORMATO, RICHARD M.	2,483,394	GEE, KELVIN W.	2,484,308	GRAND, PIERRE PHILIPPE	2,483,584
FORNIX BIOSCIENCES N.V.	2,478,649	GEE, KYLE	2,483,868	GRAPPERHAUS, MARGARET	2,483,314
FORSKARPATENT I SYD AB	2,479,736	GEISS, VOLKER	2,483,865	GRAUPE, MICHAEL	2,484,011
FORSYTH, THIMOTHY		GEL-DEL TECHNOLOGIES, INC.		GRECO, LARRY A.	2,484,136
PATRICK				GREEN, FREDERICK III	2,484,126
FRANCE, PAUL AMAAT				GREENE, JEFFREY ALLEN	2,484,103
RAYMOND GERALD				GREENHALGH, TRISH	2,481,719
FRANCKE, TOM	2,484,207	GELIN, JEAN-LUC	2,484,987	GREENLEE, WILLIAM J.	2,484,217
FRANKLIN, SCOTT	2,484,945	GELLIE, RICHARD I.	2,483,754	GREENLIGHT POWER	
FRASER, IAIN FRANK	2,483,337	GENENCOR INTERNATIONAL,		TECHNOLOGIES, INC.	2,484,934
FRASER, IAIN FRANK	2,483,836	INC.	2,483,338	GREENVILLE HOSPITAL	
FRASER, JONATHAN BRENT	2,483,842	GENERAL DYNAMICS		SYSTEM	2,483,330
FRAY, MICHAEL JONATHAN	2,484,497	ADVANCED		GREZ, JOSEPH W.	2,484,593
FRAZIER, NINA	2,479,016	INFORMATION SYSTEMS,		GRIGOROVITCH, ALEXANDRE	
FRECHET, JEAN M. J.	2,484,171	INC.	2,483,601	A.	2,468,461
FRED HUTCHINSON CANCER	2,479,920	GENERAL HOSPITAL		GRILLO-WERKE AG	2,484,458
RESEARCH CENTER	2,483,343	CORPORATION	2,484,488	GRIM, TRACY E.	2,484,167
FREDRIKSSON, BOERJE	2,484,353	GENERAL INSTRUMENT	2,483,978	GRITZ, LINDA R.	2,481,719
FREEMAN-COOK, KEVIN		CORPORATION		GROEP STEVENS	
DANIEL	2,484,067	GENOMATICA, INC.	2,484,449	INTERNATIONAL,	
FREIBERG, CHRISTOPH	2,483,303	GEORG FISCHER GMBH &	2,480,216	NAAMALOZE	
FRENCH, MARGARET M.	2,479,840	CO.KG		VENNOOTSCHAP	2,484,138
FRESKOS, JOHN N.	2,483,314	GEORGESON, GARY E.	2,484,263	GROVE, VINCENT T.	2,484,253
FREYMAN, PHILLIP K.	2,484,449	GEOTECHNIQUE ET TRAVAUX		GROVE, VINCENT T.	2,484,255
FRIEDL, THOMAS	2,483,597	SPECIAUX - GTS	2,483,962	GROVE, VINCENT T.	2,484,260
FRIEDRICH, BRENT R.	2,484,926	GERBER, DAVID J.	2,481,238	GU, YANSONG	2,483,562
FU, DENGWEI	2,484,899	GERBERDING, BRENT	2,483,792	GUAGNANO, VITO	2,484,288
FUJIMURA, YASUSHI	2,484,349	GERMAIN, ALAIN	2,483,410	GUARDIAN INDUSTRIES CORP.	
FUJISHITA, TOSHIO	2,483,306	GEROVAC, BRANKO J.	2,483,613		2,483,260
FUJITA, MASANORI	2,484,453	GEUS, GOKE DIRK JAN	2,483,308	GUEBLE, JEFFREY	2,484,593
FULLTEC AG	2,484,178	GEUS, GOKE DIRK JAN	2,483,385	GUETHER, RALF	2,483,852
FUNDACAO OSWALDO CRUZ -		GHANDI, KAMYAR	2,483,572	GUETHER, RALF	2,483,858
FIOCRUZ	2,480,494	GHASSEMI JAMALABADI		GUIADEEN, DEODIALSINGH	2,483,752
FURET, PASCAL	2,484,288	SHAHNAZ	2,483,832	GUIADEEN, DEODIALSINGH	2,483,843
FURTER, PETER	2,484,935	GHAZI, SHAHID	2,485,025	GUILLAUMET, GERALD	2,484,954
FZIOMED, INC.	2,483,838	GIBSON, KEITH HOPKINSON	2,484,065	GUILLEMOLES, JEAN-	
GAGE, ROGER A.	2,483,810	GIELEN-HAERTWIG, HEIKE	2,483,865	FRANCOIS	2,483,584
GALARNEAU, DAGAN	2,484,362	GIESECKE & DEVRIENT GMBH	2,483,467	GUIMARD, DENIS	2,483,584
GALARNEAU, DAGAN	2,484,917	GILL, JASBIR S.	2,484,029	GUIMOND, MARIE-PIERRE	2,479,270
GALDERMA RESEARCH &		GILLARD, MICHEL	2,483,867	GUISELIN, OLIVIER LEON-	
DEVELOPMENT, S.N.C.	2,483,817	GILLASPIE, JAMES D.	2,484,134	MARIE FERNAND	2,484,169
GALDERMA RESEARCH &		GINSBERG, BARRY	2,484,265	GUIVARC'H, POL-HENRI	2,484,375
DEVELOPMENT, S.N.C.	2,484,450	GIRARD, FRANCIS	2,479,270	GULLBERG, DONALD	2,480,326
GALE, CELESTE DAWN	2,486,381	GIULIANI, FRANCESCO	2,484,070	GUNN, CHRISTOPHER	
GALL, DONALD T.	2,483,417	GLANDORF, WILLIAM		WILLIAM	2,484,986
GAMACHE, DANIEL A.	2,483,275	MICHAEL	2,483,911	GUNNING, KERRY B.	2,480,164
GAMACHE, RENEE	2,484,074	GLAXO GROUP LIMITED	2,479,315	GUNNING, ROBIN VERA	2,484,904
GAMBRO, INC.	2,484,195			GUPTA, AMIT	2,484,029

## Index of PCT Applications Entering the National Phase

GUPTA, SANDEEP	2,484,238	HAWKINS, ROBERT D.	2,484,174	HONEYWELL INTERNATIONAL INC.	2,483,733
GUSTAFSON, GARY R.	2,484,981	HAYASHI, HISATO	2,483,309	HONEYWELL INTERNATIONAL INC.	2,484,323
GUTHIKONDA, RAVINDRA N.	2,478,183	HAYASHI, MICHAEL T.	2,484,620	HONEYWELL INTERNATIONAL INC.	2,484,338
HAAS, THOMAS	2,483,447	HAYES, PATRICK H.	2,483,795	HONG, JIAN ERIC	2,484,188
HABERLE, KARL	2,484,268	HAYES, PATRICK H.	2,483,833	HOPPY, JOSEPH E.	2,484,362
HABISREITINGER, UWE	2,483,223	HAYGROVE LIMITED	2,484,351	HOPPY, JOSEPH E.	2,484,917
HABLANIAN, MARSBED	2,484,204	HEALY, THOMAS	2,483,836	HORNER, KLAUS DIETER	2,484,268
HACKMANN, CLAUS	2,483,472	HEDA, PAVAN KUMAR	2,484,329	HORRES, ROLAND	2,484,269
HADLEY, MAXWELL R.	2,484,481	HEDLUND, ANN-CATHRIN	2,483,374	HORSMAN, JEFFREY A.	2,483,832
HAFENRICHTER, JOSEPH L.	2,484,180	HEIKE WALLNER AUTOMATION GMBH	2,483,531	HOU, YING	2,483,875
HAGELIN, GOERAN	2,483,374	HEIM, FREDERIC	2,483,921	HOWELL, THOMAS A.	2,483,789
HAGER, JAMES W.	2,483,542	HEIM, MANFRED	2,483,467	HRAKOVSKY, JULIA	2,483,569
HAGMANN, WILLIAM K.	2,478,183	HEIN, VIKTOR	2,484,958	HU, TONY	2,483,898
HAGOOD, NESBITT WARD IV	2,483,572	HEINRICH, RUSSELL	2,483,906	HUANG, HOWARD H.	2,484,197
HAHN, NORBERT	2,484,931	HEINTZ, ROBERT M.	2,483,314	HUBERT, RENE S.	2,480,811
HALL, SCOTT E.	2,483,902	HEMBRE, ERIK JAMES	2,484,188	HUFF, ROBERT W.	2,483,563
HALL, SCOTT E.	2,484,593	HEMOTEQ GMBH	2,484,269	HUMAN GENOME SCIENCES, INC.	2,484,121
HALLETT, DAVID JAMES	2,484,162	HENDERSON, WENDY	2,484,114	HUME, GRAEME REGINALD	2,483,452
HALPAAP, REINHARD	2,483,829	HENDERSON, WENDY	2,484,167	HUSBAND, JOHN C.	2,483,400
HAMEL, PIERRE	2,479,506	HENDRIX, DAVID	2,483,376	HUTTON, NEIL	2,483,274
HAMM DE BANTLEON, ELISA	2,480,515	HERBERG, WOLF-DIETRICH	2,485,082	HUYNH, TAI PHAT	2,484,209
HAMMOND, CHARLES, E.	2,484,238	HERCULES INCORPORATED	2,484,205	HWANG, CHENG SHINE	2,483,634
HAMMOND, KELVIN	2,483,832	HERMAN, WILLIAM	2,479,116	HYDROCISION, INC.	2,484,061
HANAUER, GUIDO	2,484,272	HERMANN, NATHAN F.	2,484,365	IBIQUITY DIGITAL CORPORATION	2,483,856
HANAUER, GUIDO	2,484,276	HERMANN, NATHAN F.	2,484,917	IBRAHIM, MOHAMED	
HANELA, CRAIG D.	2,483,902	HERVIO, ANTOINE	2,484,262	ABDULKADER	2,484,209
HANELA, CRAIG D.	2,484,593	HESS, DOUGLAS N.	2,484,543	IBRAHIM, RAMI	2,483,274
HANKS, DENNIS J.	2,484,174	HEWLETT-PACKARD COMPANY	2,484,377	IBRAHIM, SCOTT	2,483,827
HANNUKSELA, MISKA	2,483,293	HEWLETT-PACKARD COMPANY	2,484,415	IDAHO TECHNOLOGY INC.	2,484,215
HANUMAN LLC	2,483,931	HEYMANN, BRUCE R.	2,483,376	IDE, MASAHIKO	2,483,510
HAO, MING HONG	2,483,890	HICKEY, EUGENE RICHARD	2,483,890	IGLESIAS, JOSEPH	2,484,167
HARA, HIROTO	2,484,287	HIGGINBOTTOM, MICHAEL	2,484,582	IGLESIAS, JOSEPH M.	2,484,114
HARAGUCHI, AKIRA	2,484,349	HIGGINSON, BRENT FARNE	2,484,215	IGOE, FRANK D.	2,484,062
HAREL, JOSEE	2,479,270	HILES, MICHAEL C.	2,484,614	IHD INSTITUT FUR HOLZTECHNOLOGIE	
HARNISH, DAVID ALAN	2,484,196	HILVERT, JENNIFER ELAINE	2,483,460	DRESDEN GMBH	2,483,469
HARRIS CORPORATION	2,483,879	HINTZER, KLAUS	2,484,299	IKEJI, MAKI	2,484,349
HARRIS CORPORATION	2,483,880	HIRAMA, RYUSUKE	2,484,306	IMAI, MINORU	2,483,504
HARRIS CORPORATION	2,484,485	HIROKAWA, YOSHIMI	2,483,368	IMAWAKA, HARUO	2,483,998
HARRIS CORPORATION	2,484,486	HISAMATSU, AKIHIRO	2,484,035	IMERYS MINERALS LIMITED	2,483,400
HARRIS CORPORATION	2,484,489	HITE, MICHAEL P.	2,484,528	IMMUNEX CORPORATION	2,483,698
HARRIS CORPORATION	2,484,490	HOCKERMAN, SUSAN L.	2,483,314	INOUE, YOSHIYUKI	2,483,567
HARRIS CORPORATION	2,484,495	HOFEN, WILLI	2,483,447	INTEGRATED NANO-	
HARRIS CORPORATION	2,484,501	HOFER, BRUNO	2,484,268	TECHNOLOGIES, LLC	2,478,096
HARRIS CORPORATION	2,484,502	HOFFA, MICHAEL C.	2,484,383	INTERDIGITAL TECHNOLOGY	
HARRIS CORPORATION	2,484,503	HOFFMANN, ERIKA	2,484,269	CORPORATION	2,483,561
HARRIS CORPORATION	2,484,505	HOFFMANN, LYNN-ALLEN	2,483,547	INTERDIGITAL TECHNOLOGY	
HARRIS, CHARLENE BENDU	2,484,171	HOFFMANN, MICHAEL	2,483,547	CORPORATION	2,483,595
HARRIS, H. WILLIAM JR.	2,481,827	HOFFMANN, MICHAEL	2,484,269	INTERDIGITAL TECHNOLOGY	
HARRIS, JACK C.	2,482,316	HOGAN, MICHAEL	2,480,164	CORPORATION	2,484,363
HARRY, JASON D.	2,484,916	HOGENKAMP, DERK J.	2,484,308	INTERFACE, INC.	2,483,979
HART, STUART	2,484,161	HOISCHEN, DOROTHEE	2,483,816	INTERNATIONAL BUSINESS	
HARTMUTH BODINGER	2,484,068	HOLLOBAUGH, TONY B.	2,484,361	MACHINES	
HARTOG, ARTHUR H.	2,484,481	HONDA GIKEN KABUSHIKI KAISHA	2,484,292	CORPORATION	2,483,963
HARVEY, ANDREW C.	2,483,465	HONDA GIKEN KABUSHIKI KAISHA	2,484,294	INTERNATIONAL BUSINESS	
HARVEY, NOEL G.	2,484,265	HONDA GIKEN KABUSHIKI KAISHA	2,484,302	MACHINES	
HASEGAWA, HIROSHI	2,483,567	HONDA GIKEN KABUSHIKI KAISHA	2,484,988	CORPORATION	2,483,992
HASEGAWA, MAMORU	2,484,287	HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,484,426	INTERNATIONAL BUSINESS	
HASEGAWA, TOMOHISA	2,483,317	HONEYWELL INTERNATIONAL INC.	2,483,710	MACHINES	
HASHIMOTO, TOMOMICHI	2,483,647	HONEYWELL INTERNATIONAL INC.	2,483,711	CORPORATION	2,484,487
HATABU, ATSUSHI	2,483,512			INTERNATIONAL BUSINESS	
HATABU, ATSUSHI	2,483,516			MACHINES	
HATANAKA, TOSHIHIRO	2,484,306			CORPORATION	2,484,508
HATAYAMA, AKIRA	2,483,998			INTERNATIONAL BUSINESS	
HATCH, GARY L.	2,484,523			MACHINES	
HATHERHILL, MARK	2,483,898			CORPORATION	
HAUBRICH, GREGORY J.	2,484,543			INTERNATIONAL BUSINESS	
HAUER, JEAN-CLAUDE	2,484,344			MACHINES	
HAUGLAND, RICHARD	2,483,868			CORPORATION	
HAUSER, HANS-PETER	2,485,064			INTERNATIONAL BUSINESS	
HAUSHEER, FREDERICK H.	2,483,857			MACHINES	
				CORPORATION	

## Index des demandes PCT entrant en phase nationale

INTERNATIONAL PAPER COMPANY	2,484,364	KACZVINSKY, JOSEPH ROBERT, JR.	2,486,381	KLEBANOV, LEV KLEIN, JURGEN	2,478,605 2,484,023
ISHIDA, NOZOMU	2,484,306	KACZVINSKY, JOSEPH ROBERT, JR.	2,486,388	KLEIN, RONALD T. KLESHINSKI, STEPHEN J.	2,484,008 2,484,916
ISHIHARA SANGYO KAISHA, LTD.	2,484,035	KAESTLE, HANS-G.	2,484,494	KLING, WILLIAM, O. KLINT, LOTTA	2,483,448 2,484,142
ISHIHARA, MASAYUKI	2,484,453	KAGEYAMA, YOKO	2,484,306	KLOEHN, PETER	2,478,220
ISHII, TAKEHIKO	2,483,309	KALINOWSKI, JOSEPH	2,483,517	KLOSIN, JERZY	2,483,326
ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.	2,483,528	KAMAR, MARIA	2,483,436	KNAPP, CHRISTOPHER E.	2,484,169
ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.	2,484,285	KAMMERHOFER, PETER	2,483,981	KNERR, LAURENT	2,484,954
ISRAEL INSTITUTE FOR BIOLOGICAL RESEARCH	2,484,599	KAMPA, GREG J.	2,484,150	KOBE, JAMES J.	2,483,773
ITSKOVITZ-ELDOR, JOSEPH	2,480,190	KAMPEIS, PERCY	2,483,447	KOCH, URS	2,483,888
IWATA, NOBUHISA	2,483,525	KAN, YOKO	2,483,368	KOCHAT, HARRY	2,483,775
IWATSCHENKO, PETER	2,484,026	KANEKA CORPORATION	2,483,510	KOECHER, JUERGEN	2,483,829
JAKOBOWITS, AYA	2,480,811	KANEKA CORPORATION	2,483,647	KOGEJ, THIERRY	2,484,954
JAN, DENG-YANG	2,483,926	KANEKO, MIKA	2,483,436	KOIVISTO, LASSE	2,484,718
JAPAN SCIENCE AND TECHNOLOGY AGENCY	2,483,309	KANG, DONG-WOOK	2,478,302	KOJO, ILKKA	2,484,416
JAPUNTICH, JOHN C.	2,484,008	KANG, JASPAL SINGH	2,478,547	KOLODZIEJ, STEPHEN A.	2,483,314
JARDIEN, ANWAR	2,483,634	KANG, KEVIN	2,484,197	KOLVEK, EDWARD M.	2,483,465
JASYS, VYTAUTAS JOHN	2,484,342	KAPAC, LLC	2,483,916	KOMIYA, TAKEO	2,484,349
JEFFREYS, TIMOTHY	2,484,481	KAPIN, MICHAEL A.	2,483,275	KONDO, NOBUO	2,484,306
JELINEK, MILAN	2,483,790	KARABINIS, PETER D.	2,484,232	KONG, JAE-YANG	2,484,959
JELINEK, MILAN	2,483,791	KARARA, ADEL H.	2,483,554	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,483,902
JELONNEK, BJOERN	2,484,952	KARAYIORGOU, MARIA	2,481,238	KONINKLIJKE PHILIPS ELECTRONICS N.V.	2,484,593
JENNINGS-WHITE, CLIVE L.	2,484,596	KARIA, TIMIR	2,483,605	KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY	2,484,959
JENSEN, DONALD M.	2,484,929	KARTHAUS, DAGMAR	2,483,865	KORTENBACH, JUERGEN A.	2,484,073
JESCHKE, BRIGITTE	2,484,956	KARTON, YISHAI	2,484,599	KOTHANDARAMAN, SHANKARAN	2,483,752
JEWELL, JAMES P.	2,478,183	KASAMSETTY, RAVIKANTH	2,484,002	KOTHANDARAMAN, SHANKARAN	2,483,843
JIA, QI	2,484,192	KASAMSETTY, RAVIKANTH	2,485,087	KOVACS, STEPHEN ANDRAS	2,483,911
JIA, XIAO-CHI	2,478,547	KASAR, RAMESH A.	2,483,573	KOVACS, STEPHEN ANDRAS	2,483,928
JIANG, WANGLONG	2,484,968	KASSAB, DARREN J.	2,483,314	KOYAMA, KAZUHIRO	2,483,512
JIAO, RICHARD	2,483,752	KASTE, KEITH	2,478,236	KOYANAGI, TORU	2,484,035
JIAO, RICHARD	2,483,843	KASZAS, CAMERON J.	2,484,193	KRAEMER, KARL THEODOR	2,483,786
JIN, JU-YOUNG	2,478,597	KATAOKA, KAZUNORI	2,483,309	KRAKER, ALAN JOHN	2,483,496
JIN, YI	2,477,741	KATHER, KRISTIAN	2,483,816	KRAMER, FRANZ	2,485,082
JOHANSSON, HANS	2,484,142	KATO, SHIRO	2,483,368	KRANEVELD, ALETTA DESIREE	2,478,649
JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE	2,483,311	KATZ, NAFTALE	2,480,494	KRAUSE, BERND	2,485,067
JOHNSON, BURGESS R.	2,483,710	KAWAMURA, MITSUHIRO	2,483,636	KRAUSE, PAUL G.	2,484,193
JOHNSON, KAREN T.	2,483,774	KAY, ROBERT M.	2,480,018	KREAM, RICHARD M.	2,478,680
JOHNSON, KEVIN D.	2,483,898	KECK, LAURA ELIZABETH	2,484,171	KRETZ, JEAN-GEORGES	2,483,921
JOHNSON, MICHAEL W.	2,483,978	KEE, SCOTT M.	2,485,064	KRIEGER, MICHAEL	2,485,040
JOHNSON, STEVEN LAWRENCE	2,483,529	KELLEY, MIRIAM	2,484,365	KRISHNASWAMY, SRINATH	2,484,002
JOHNSON, THERESA LOUISE	2,483,460	KELLEY, MIRIAM	2,484,914	KRISHNASWAMY, SRINATH	2,485,087
JOHNSTON, RAYMOND P.	2,483,773	KELLY, DOUGLAS G.	2,484,917	KROEGER, BRIAN W.	2,483,856
JOHNSTONE, KEVIN ROBERT	2,486,388	KELLY, ROBERT F.	2,484,029	KROLL, RUEDIGER	2,484,905
JOHNSTONE, TIMOTHY B.C.	2,484,308	KENNEDY, ABIGAIL R.	2,484,029	KROMER, WOLFGANG	2,484,272
JONES, BRIAN C.	2,485,403	KENNEDY, ROBERT A.	2,484,209	KROMER, WOLFGANG	2,484,276
JONES, DAVID	2,478,605	KERR, STUART ALEXANDER	2,484,485	KRUPER, WILLIAM J., JR.	2,483,326
JONES, GEORGE BURTON	2,483,568	KERR, STUART ALEXANDER	2,483,964	KUBALA, JEFFREY R.	2,484,347
JONES, KEVIN J.	2,484,355	KERREC, OLIVIER	2,483,965	KUBE, RUDI	2,484,458
JONES, WILLIAM H.	2,484,327	KESTEN, SUZANNE ROSS	2,484,066	KUBOTA, TADAIRO	2,484,292
JORI, GIULIO	2,484,070	KHACHIN, STEPAN	2,484,584	KUBOTA, TADAIRO	2,484,294
JOYCE, MICHAEL E.	2,484,329	KHACHIN, VLADIMIR	2,480,515	KUBOTA, TADAIRO	2,484,302
JUHLIN, BRUCE D.	2,484,255	KHAN, AMIN	2,484,582	KUELLMER, VOLKER	2,483,545
JUHLIN, BRUCE D.	2,484,260	KHANNA, ISH KUMAR	2,484,894	KUMAR, ANANDA	2,482,291
JUNG, YOON-SUNG	2,484,959	KIEFER, ZOLTAN ANTON	2,484,894	KUO, HOWARD C. H.	2,483,771
JUNGHEIM, LOUIS NICKOLAUS	2,484,188	KIERNAN, GERALD GEORGE	2,483,276	KURAMOTO, MASAFUMI	2,483,510
JURJA, SAMUEL	2,484,214	KIKTA, JACEK J.	2,484,925	KUREHA CHEMICAL INDUSTRY COMPANY, LIMITED	2,483,317
KABUSHIKI KAISHA TOP	2,483,765	KIKUGAWA, HIROSHI	2,483,992	KURIYAMA, NARIAKI	2,484,292
KABUSHIKI KAISHA TOSHIBA	2,483,567	KIM, FELIX JINHYUN	2,484,035	KURIYAMA, NARIAKI	2,484,294
KACZKOWSKI, PETER	2,484,515	KIM, KI JUN	2,483,327	KURIYAMA, NARIAKI	2,484,302
		KIM, SUNG-GYU	2,484,616		
		KIMBERLY-CLARK WORLDWIDE, INC.	2,484,959		
		KING, SCOTT	2,484,171		
		KITKO, DAVID JONATHAN	2,483,931		
		KITTRELL, CARTER	2,483,393		
		KLAASSENS, LARS IVAR	2,484,336		
			2,483,867		

## Index of PCT Applications Entering the National Phase

KWON, HO-SEOK	2,478,302	LEWIS, MARK LLEWELLYN	2,479,016	MALOFIY, JENNIFER	2,484,621
KWON, SOON YIL	2,484,616	LEWTHWAITE, RUSSELL	2,484,582	MANCHUSO, SCOTT EDWARD	2,483,534
L & P PROPERTY		ANDREW	2,485,064	MANEL, NICOLAS GABRIEL	
MANAGEMENT COMPANY		LEY, ARTHUR C.	2,484,616	ALBERT	2,483,327
L. MOLTENI & C. DEI FRATELLI	2,485,027	LG ELECTRONICS INC.	2,483,561	MANGLER, DIRK	2,483,784
ALITTI SOCIETA' DI		LI, BIN	2,484,342	MANICA, KEITH	2,484,195
ESERCIZIO S.P.A.		LI, ZHENGONG BRYAN	2,484,291	MANLEY, PAUL WILLIAM	2,484,288
LA MONTAGNE, KENNETH	2,484,070	LIANG, LIANG	2,478,597	MANN, GRACE	2,484,209
RICHARD	2,483,594	LIFETIME PRODUCTS, INC.	2,483,833	MANN, LARY WAYNE	2,484,209
LAAS, HANS JOSEF	2,483,829	LILLENESS, ROBERT P.	2,484,991	MANNINEN, MICHAEL W.	2,483,741
LABCOAT LTD.	2,485,069	LIM, NAE-HYUN	2,478,183	MANSOUR, TAREK SUHAYL	2,483,533
LABLABO	2,484,552	LIN, LINUS S.	2,477,624	MANSOUR, TAREK SUHAYL	2,483,538
LABORATOIRE CENTRAL DES		LIN, SHUO	2,483,538	MANSOUR, TAREK SUHAYL	2,483,562
PONTS ET CHAUSSEES	2,484,202	LIN, YANG-I	2,484,291	MANTEGAZZA, SIMONE	2,484,585
LADNER, ROBERT CHARLES	2,485,064	LIN, YUEHE	2,483,584	MARGONELLI, ANDREA	2,483,991
LAFARGE ALUMINATES	2,484,045	LINCOT, DANIEL	2,484,011	MARICAL, INC.	2,481,827
LAFLAMME, CLAUDE	2,483,790	LINK, JOHN O.	2,484,291	MARINKOVIC, DRAGAN	2,484,968
LAMB, CHRISTOPHER SCOTT	2,484,318	LINSSEN, MARITA	2,484,134	MARINO, CLARA	2,484,020
LAMB, CHRISTOPHER SCOTT	2,484,329	KATHARINA	2,484,269	MARKUSCH, PETER H.	2,483,852
LAMEY, KIMBERLY A.	2,484,621	LIPP, DAVID WESLEY	2,484,506	MARKUSCH, PETER H.	2,483,858
LAMEY, KIMBERLY A.	2,484,624	LITHOTECH MEDICAL LTD.	2,484,894	MARSHALL, BENJAMIN	2,484,601
LAMMERS, ALLAN	2,483,498	LIU, CUIXIA	2,484,893	MARSHALL, DANIEL R.	2,483,890
LAMPE, THOMAS	2,483,303	LIU, HOUYUAN	2,484,134	MARTIN, ROY	2,484,515
LANGER, ROBERT S.	2,480,190	LIU, JIXIANG	2,483,868	MARTIN, VLADIMIR	2,483,868
LANIER, MARION C.	2,484,968	LIU, JUN	2,484,291	MARTUCCI, JAMES	2,484,547
LANTER, JAMES C.	2,484,340	LIU, LIN-SHU	2,483,838	MARTUCCI, JAMES P.	2,484,977
LANZA, THOMAS J., JR.	2,478,183	LIU, PING	2,478,183	MASFERRER, JAIME L.	2,484,324
LAPALME, CLAUDE	2,484,464	LIU, WEIMIN WILL	2,483,890	MASSA, MARK	2,483,314
LARI, MOHAMMED SHOAIB	2,484,002	LIU, XING LIANG	2,483,498	MASSACHUSETTS INSTITUTE	
LARI, MOHAMMED SHOAIB	2,485,087	LIU, XING LIANG	2,483,769	OF TECHNOLOGY	2,480,190
LARSEN, DAVID W.	2,484,130	LIU, XUEWEI	2,483,787	MASSACHUSETTS INSTITUTE	
LASSOIE, MARIE-AGNES	2,484,954	LIU, XUEWEI	2,483,806	OF TECHNOLOGY	2,481,238
LASSOTA, PETER T.	2,483,594	LIU, YANG	2,484,011	MASSARDO, PIETRO	2,483,862
LAU, AGNES	2,484,011	LOEHR, GERNOT	2,484,299	MASTERS, DAVID B.	2,483,778
LAU, EDMUND KIN ON	2,484,472	LOHMANN, REINHARD	2,484,958	MATHAUER, KLEMENS	2,480,515
LAULUMAA, JUKKA	2,484,416	LOIBNEGGER, ANDREAS	2,484,593	MATHEWS, HELENA V.	2,483,769
LAWRENCE, RICHARD A.	2,478,823	LOMRYD, HAKAN	2,486,833	MATHIAS, JOHN PAUL	2,479,016
LAZARUS, DAVID B.	2,484,449	LONARDO, EMILIA CASILIO	2,484,318	MATIER, WILLIAM, L.	2,484,512
LE PAIH, JACQUES	2,484,933	LONARDO, EMILIA CASILIO	2,484,329	MATSUEDA, HIROYUKI	2,484,306
LEAHY, JAMES WILLIAM	2,484,209	LONDRY, FRANK	2,483,542	MATSUKI, TOSHIKOSU	2,484,918
LEAHY, KATHLEEN M.	2,484,324	LONG, KELLY M.	2,484,167	MATSUMOTO, YOSHIIKU	2,483,504
LECHUGA-BALLESTEROS,		LONGMOORE, KENNETH J.	2,483,767	MATSUNAGA, HIROSHI	2,483,533
DAVID		LORENZ, KENNETH	2,484,169	MATSUO, YOSHIIKU	2,483,306
LEDDY, KEVIN J.	2,483,914	LOSTOCCHI, MICHAEL	2,484,506	MATSUSHITA ELECTRIC	
LEE, HO HUAT	2,484,620	LOWE, DAVID L.	2,484,197	INDUSTRIAL CO., LTD.	2,484,524
LEE, IN-KYU	2,483,496	LU, JUN	2,484,899	MATSUSHITA ELECTRIC	
LEE, JIN-KYU	2,483,505	LUCIANO, SANDRA E.	2,483,733	WORKS, LTD.	2,484,172
LEE, LILY	2,483,436	LUNDGREN-.ANG.KERLUND,		MATTTEL, INC.	2,484,362
LEE, SUN-HWAN	2,478,302	EVY	2,480,326	MATTTEL, INC.	2,484,365
LEEDS, JANET M.	2,477,741	LUNDQUIST, AGNE	2,483,374	MATTTEL, INC.	2,484,914
LEES, ANDREW	2,479,807	LUTTRINGHAUS-HENKEL,		MATTTEL, INC.	2,484,917
LEFEBVRE, ROCH	2,483,790	ANDREAS	2,484,023	MATZUK, MARTIN M.	2,483,323
LEFORT, PIERRE-OLIVIER	2,482,077	LYDALL, INC.	2,483,709	MAX-PLANCK-GESELLSCHAFT	
LEITNER, STEPHAN	2,484,593	M.E.S. TECHNOLOGIES	2,483,410	ZUR FORDERUNG DER	
LEO PHARMA A/S	2,479,714	MA, SHEAU-HWA	2,483,651	WISSENSCHAFTEN E.V. -	
LEONHARD KURZ GMBH & CO.		MA, SUNGHOON	2,484,209	GENERAL VER-WALTUNG	
KG	2,483,794	MAEDA, MITSURU	2,484,736	2,483,750	
LEPAGE, PIERRE	2,478,823	MAEKINEN, TUULA	2,484,416	MAY, JAMES T.	2,484,227
LEQUEUX, MICHEL WALTER		MAEZONO, KATSUMI	2,484,306	MAYFIELD, STEPHEN P.	2,483,337
GHISLAIN	2,483,458	MAGNUM MANUFACTURING		MAZZONE, MARIA GRAZIA	2,484,020
LERNER, MARAT	2,484,894	LIMITED	2,483,679	MCBROYER, MICHAEL S.	2,484,073
LESNIAK, JEANNE M.	2,484,057	MAHAGAOKAR, AJAY C.	2,484,601	MCCARTHY, FLORENCE	
LEUM, GRANT	2,484,931	MAHE, MICHEL	2,483,584	OLIVER JOSEPH	2,483,496
LEUNAMME ENGINEERING S.L.		MAHE, PATRICK	2,483,410	MCCLURE, LAWRENCE C.	2,483,779
	2,483,940	MAJER DOGLIONI, LUCA	2,484,170	MCCOY BROS. INC.	2,484,497
LEUWER, HEINZ-JOSEF	2,483,783	MAJETI, SATYANARAYANA	2,483,911	MCDONALD, JOSEPH	2,483,314
LEVENBERG, SHULAMIT	2,480,190	MAJETI, SATYANARAYANA	2,483,928	MCDONELL, JAMES A.	2,484,361
LEWIS, CORALIE ADELE	2,484,134	MAK, JOHN	2,484,085	MCEWAN, IAN KENNETH	2,485,180
LEWIS, GREGORY J.	2,483,926	MALLALEY, DANIEL	2,484,912	MCILVAIN, SCOTT H.	2,484,365
		MALLISON, EDGAR ROBERT	2,484,338	MCILVAIN, SCOTT H.	2,484,914

## Index des demandes PCT entrant en phase nationale

MCILVAIN, SCOTT H.	2,484,917	MIELKE, INGOLF	2,483,981	MOYES, CHRISTOPHER	2,483,752
MCINNES, JAMES	2,484,481	MIHAI, DAN	2,484,547	MOYES, CHRISTOPHER	2,483,843
MCKENNA, SEAN D.	2,483,555	MIHIRA, ADO	2,483,533	MTF MEDITECH FRANKEN	
MCMAHON, JOHN E.	2,483,754	MIHIRA, ADO	2,483,562	GMBH	2,484,026
MCNEIL-PPC, INC.	2,484,318	MIKI, TOMOHIDE	2,483,510	MTU CFC SOLUTIONS GMBH	2,484,237
MCNEIL-PPC, INC.	2,484,329	MILINSKI, MANFRED	2,483,750	MUEHL, BRIAN STEPHEN	2,484,188
MCNULTY, PETER, DRUMMOND	2,483,919	MILL, SIBEL	2,483,867	MUELLER, FRANK	2,480,515
MDS INC., DOING BUSINESS AS MDS SCIEX	2,483,542	MILLER, DANFORTH	2,483,914	MUELLER, KLAUS-HELMUT	2,483,816
MEADE, JAMES P.	2,484,362	MILLER, KEVIN A.	2,484,593	MUENSTER, UWE	2,483,786
MEADE, JAMES P.	2,484,917	MILLS, RANDELL L.	2,483,780	MULLINS, PATRICK B.	2,483,314
MECHTCHERIAKOVA, DIANA	2,483,594	MILLS, SANDER G.	2,483,752	MULQUEEN, PATRICK JOSEPH	2,484,928
MED INSTITUTE, INC.	2,484,383	MILLS, SANDER G.	2,483,843	MUMIN, RASHID NAEEM	2,483,806
MEDELA HOLDING AG	2,483,888	MINAMIZONO, KUNIO	2,483,504	MUNCHKIN, INC.	2,483,898
MEDERSKI, WERNER	2,483,228	MIRIGIAN, GREGORY E.	2,483,823	MURRAY, JAMES S.	2,483,539
MEDICAL RESEARCH COUNCIL	2,478,220	MISCHKE, BRENT V.	2,483,314	MURTHY, NIREN	2,479,920
MEDICAL SOLUTIONS, INC.	2,483,376	MISCHKE, DEBORAH A.	2,483,314	MUTO, SHINICHI	2,484,918
MEDIGUS LTD.	2,483,763	MISSLING, JEFFREY J.	2,484,361	MYERS, ERIC R.	2,484,029
MEDIWOUND, LTD.	2,483,329	MITCHELL, LORNA HELEN	2,483,496	MYOMEND, INC.	2,484,057
MEDTRONIC, INC.	2,483,536	MITSUBISHI DENKI	2,483,528	NAGASAKI, YUKIO	2,483,309
MEDTRONIC, INC.	2,483,779	KABUSHIKI KAISHA	2,483,528	NAGATA, KINYA	2,485,882
MEDTRONIC, INC.	2,483,854	MITSUBISHI DENKI	2,484,285	NAGAYAMA, SOUICHIRO	2,484,035
MEDTRONIC, INC.	2,483,999	KABUSHIKI KAISHA	2,484,285	NAGELVOORT, SANDRA	
MEDTRONIC, INC.	2,484,193	MIYAKAWA, TSUYOSHI	2,481,238	JOANNA	2,483,308
MEDTRONIC, INC.	2,484,227	MIYASHITA, SEIKO	2,484,035	NAGELVOORT, SANDRA	
MEDTRONIC, INC.	2,484,543	MIYATAKE, NOBUO	2,483,647	JOANNA	2,483,385
MEDTRONIC, INC.	2,484,929	MNEIMNE, OMAR	2,483,832	NAGY, MARK	2,483,314
MEDWICK, PAUL A.	2,484,181	MOATS, DONNA L.	2,484,008	NAGY, ZOLTAN	2,479,939
MEHNERT, WOLFGANG	2,483,786	MOBILE SATELLITE VENTURES, LP	2,484,232	NAJM, CLOVIS	2,483,989
MEIER, STEFAN	2,483,933	MODI, JASHAWANT J.	2,484,205	NAKANISHI, AKINOBU	2,483,504
MEINKE, PETER T.	2,483,771	MODIN, ANDREW E.	2,484,174	NAKATA, KUNIKO	2,484,524
MELZER, ARMIN	2,484,458	MOGHE, BHALCHANDRA	2,483,907	NAKAYAMA, EIJI	2,484,285
MENDELLOVICI, MARIOARA	2,483,569	DATTATRAY	2,483,868	NAKAYAMA, YOUKO	2,483,899
MERCK & CO. INC.	2,483,843	MOLECULAR PROBES, INC.	2,484,425	NALCO COMPANY	2,484,029
MERCK & CO., INC.	2,478,183	MOLMED SPA	2,483,605	NALEWAJA, JOHN D.	2,483,893
MERCK & CO., INC.	2,483,752	MOLNAR, DAVID	2,483,532	NARUM, TIMOTHY N.	2,483,773
MERCK & CO., INC.	2,483,771	MOLNAR, SANDOR	2,483,566	NATIONAL HOSPITAL ORGANIZATION	2,485,882
MERCK & CO., INC.	2,483,929	MOLVIDSON, ROBERT	2,484,068	NDCHEALTH CORPORATION	2,485,031
MERCK & CO., INC.	2,484,038	MOND, JAMES	2,479,807	NDCHEALTH CORPORATION	2,485,034
MERCK & CO., INC.	2,484,631	MONGEON, LUC R.	2,483,854	NDSU-RESEARCH	
MERCK PATENT		MONSUEIR, WILLIAM JOSEPH	2,483,534	FOUNDATON	2,483,893
GESELLSCHAFT MIT BESCHRANKTER HAFTUNG		MONTANTE, JORGE R.	2,483,509	NEALEY, PAUL	2,479,297
MERCK SHARP & DOHME LIMITED	2,483,228	MONTERO-JULIAN, FELIX A.	2,478,699	NEARING, JACQUELINE	2,481,827
MERCK SHARP & DOHME LIMITED	2,483,752	MONTI, LOUIS	2,484,596	NEBGEN, GREGG	2,484,122
MERCK SHARP & DOHME LIMITED	2,483,843	MONTPETIT, KAREN PILNEY	2,484,290	NEC CORPORATION	2,483,512
METCALF, WILLIAM	2,484,162	MOOG, THOMAS H.	2,483,423	NECKER, ANTJE	2,478,699
METSO PAPER, INC.	2,484,238	MOORADIAN, GREGORY C.	2,483,744	NEELAM, BEENA	2,483,497
MERKEL, PETRA	2,484,416	MOORES, GRAHAM DAVID	2,484,904	NEILSEN, PAUL O.	2,480,170
MESHNETWORKS, INC.	2,484,458	MORALES-RAMOS, JUAN A.	2,484,126	NEITZEL, MARTIN	2,483,573
MESSERSMITH, CALVIN	2,484,228	MORAN, JAMES R.	2,483,411	NEKTAR THERAPEUTICS	2,483,914
MESSIER-DOWTY, INC.	2,483,893	MORGAN, BARRY	2,484,189	NEKTAR THERAPEUTICS	2,484,950
MESZAROS SOS, ERZSEBET	2,483,404	MORGAN, JERRY DWAIN, II	2,484,038	NELL, PETER	2,483,303
MESZAROS SOS, ERZSEBET	2,483,532	MORIKAGE, KAZUO	2,483,368	NELSON, DEVIN	2,484,593
METCALF, WILLIAM	2,483,566	MORIKAGE, YUKIKO	2,483,368	NELSON, JODIE	2,484,968
METZKER, MICHAEL L.	2,480,639	MORISHITA, RYUICHI	2,483,505	NEMOTO, PETER ALLEN	2,483,890
MEYER, BERNARD	2,484,353	MOROFF, GERALD	2,483,447	NERISON, NELS	2,484,543
MICHAELI, AMIR	2,484,494	MORRIELLO, GREGORI	2,483,752	NETECH INC.	2,484,453
MICHELS, MARTIN	2,484,427	MORRIELLO, GREGORI	2,483,843	NEUDORF, DAVID	2,484,134
MICROMASS UK LIMITED	2,483,865	MORRILL, JOHN	2,478,236	NEUFELD, ARTHUR J.	2,483,864
MICROSOFT CORPORATION	2,484,125	MORRISON, ROBERT KENDALL	2,480,811	NEURAY, FRANCOIS	2,483,458
MICROVAS TECHNOLOGIES, INC.	2,468,461	MORTENSON, SARA B.	2,483,773	NEUROCRINE BIOSCIENCES, INC.	2,484,968
	2,483,412	MORWICK, TINA M.	2,483,890	NEUROSEARCH A/S	2,484,482
		MOSER, BEAT	2,483,888	NEWTON, BEN	2,483,303
		MOSHER, GEROLD L.	2,483,774	NG, STEVEN	2,484,136
		MOSLEY, BRUCE A.	2,483,698	NGUYEN, HOA N.	2,483,923
		MOSS, DAVID KELLY	2,483,839	NICKIAS, PETER N.	2,483,326
		MOSSMAN, CRAIG J.	2,484,011	NICKLASSON, HELENA	2,486,833
		MOUTAFIS, TIMOTHY E.	2,484,061		

## Index of PCT Applications Entering the National Phase

NIDAM, TAMAR	2,483,569	ORACLE INTERNATIONAL	2,485,087	PEPIN, GILLES	2,479,506
NIEMI, ANTTI	2,483,877	CORPORATION	2,483,905	PEPIN, HENRY J.	2,484,150
NIEMI, JAMES B.	2,484,916	ORBAN, JOSEPH, III	2,480,018	PERBET, MURIEL	2,484,004
NIES, BERTHOLD	2,484,956	ORIGEN THERAPEUTICS	2,483,304	PEREYRA, RODGER J.	2,483,773
NIETSCH, KARL-HEINZ	2,483,786	ORMSTON, CHRISTOPHER	2,483,923	PERI, ORNELLA	2,484,020
NIEWOEHNER, ULRICH (DECEASED)		STEPHEN	2,484,340	PERNERSTORFER, JOSEF	2,483,303
NII, IKUYA	2,483,865	ORR, CECILIA A.	2,484,019	PERRY, RICHARD BRIAN	2,484,928
NIJAL (SA)	2,483,510	ORTHO-MCNEIL	2,484,033	PETO, CSABA J.	2,484,209
NIJKAMP, FRANCISCUS PETRUS	2,484,933	PHARMACEUTICAL, INC.	2,483,394	PETSCH, TOBIAS	2,480,515
NIKE INTERNATIONAL LTD.	2,478,649	ORTHO-TAIN, INC.	2,484,181	PETTIS, RONALD J.	2,484,265
NIPONI, LLC	2,483,699	OSENAR, PAUL	2,485,090	PEYRAVIAN, MOHAMMAD	2,484,508
NIPPON SHINYAKU CO., LTD.	2,484,327	O'SHAUGHNESSY, DENNIS J.	2,485,082	PFAENDNER, RUDOLF	2,484,148
NISHI, KOICHI	2,483,530	OSTEOSCREEN, INC.	2,483,899	PFITZMANN, BIRGIT M.	2,484,487
NISHIMURA, ATSUSHI	2,483,306	OSTKAMP, WILHELM	2,484,073	PFIZER INC.	2,479,016
NISHIMURA, ISAO	2,484,426	OTAKE, HARUO	2,484,512	PFIZER INC.	2,483,636
NIU, DEQIANG	2,484,918	OTANO-LATA, SUZANA E.	2,484,509	PFIZER PRODUCTS INC.	2,483,500
NIVEN, STUART COOK	2,483,875	OTHERA PHARMACEUTICALS,	2,484,193	PFIZER PRODUCTS INC.	2,483,927
NIVEN, STUART COOK	2,483,836	INC.	2,483,309	PFIZER PRODUCTS INC.	2,484,067
NKL NÖRWESTDEUTSCHE KLASSENLOTTERIE	2,483,842	OTSUKA, HIDENORI	2,483,303	PFIZER PRODUCTS INC.	2,484,342
NOBLE, MISTY	2,484,905	OTTENEDER, MICHAEL	2,483,510	PHAN, HUAN L.	2,480,200
NOE, MARK CARL	2,484,515	OUCHI, KATSUYA	2,484,193	PHAN, LY TAM	2,483,875
NOF CORPORATION	2,483,500	OUSDIGIAN, KEVIN T.	2,484,416	PHARMACIA CORPORATION	2,483,314
NOKIA CORPORATION	2,483,309	OUTOKUMPU OYI	2,483,530	PHARMACIA CORPORATION	2,484,324
NORDMANN, BERNHARD	2,483,293	OYAMA, TATSUYA	2,483,512	PHERIN PHARMACEUTICALS, INC.	2,484,596
NORROD, ERIC	2,483,223	OZAWA, KAZUNORI	2,483,516	PHILLIPS, BILL	2,479,187
NORTON, MONICA B.	2,483,415	OZAWA, KAZUNORI	2,484,193	PHILLIPS, DENIS P.	2,483,276
NOVARTIS AG	2,483,314	PADMANABHAN, VASANT	2,484,229	PICCINELLI, PIERO	2,484,332
NOVARTIS AG	2,483,286	PAGILAGAN, ROLANDO	2,484,230	PICKAR, JAMES HARRISON	2,483,846
NOVARTIS AG	2,483,594	UMALI	2,484,020	PIEDMONT	
NOVARTIS AG	2,483,826	PAGILAGAN, ROLANDO	2,484,183	PHARMACEUTICALS, LLC	2,484,183
NOVARTIS AG	2,484,288	UMALI	2,483,496	PIERCE, JAMES MICHAEL	2,483,436
NOVARTIS AG	2,484,935	PALADINO, GRAZIA	2,483,417	PIETRANGELO, PAMELA	2,484,931
NOVARTIS AG	2,485,081	PALMA, KATHLEEN G.	2,483,417	PIETRZAK, JEAN-PAUL	2,484,344
NUSS, JOHN M.	2,484,209	PALMER, BRIAN DESMOND	2,484,197	PINSONNEAULT, ROGER G.	2,485,034
NUTBEEM, CHRISTOPHER	2,483,400	PALMER, DONNA T.	2,484,597	PIPER, CATHERINE JULIA	2,484,928
OAKLEY, DAVID D.	2,483,979	PALSSON, BERNHARD O.	2,484,959	PIRELLI & C. S.P.A.	2,483,308
OBA, HIROYUKI	2,483,317	PANANDIKER, RAJAN KESHAV	2,484,968	PIRELLI & C. S.P.A.	2,483,385
OBARA, KYOHAYA	2,484,453	PANGRAC & ASSOCIATES	2,484,230	PLATT, WILLIAM	2,484,323
OCALI, OGAN	2,482,291	DEVELOPMENT, INC.	2,483,417	PLATT, WILLIAM P.	2,483,711
OCHI, YASUO	2,483,998	PANGRAC, DAVID M.	2,483,417	PLEISS, MICHAEL A.	2,483,573
OCHIAI, HIROYUKI	2,483,528	PAPPAS, JEFF M.	2,484,197	PLOCIENNIK, UWE	2,483,784
OCHIAI, HIROYUKI	2,484,285	PARCZYK, KARSTEN	2,484,597	PLOEGER, DALE W.	2,484,950
OETTER, GUENTER	2,483,310	PARK, WOO-KYU	2,484,959	POHL, WERNER	2,483,447
OGAWA, HIROAKI	2,483,567	PARKER, JESSICA	2,484,968	POHLMANN, JENS	2,483,303
OGAWA, KAZUYUKI	2,485,882	PARKINS, CHRISTOPHER	2,484,818	POLIFARMA S.P.A.	2,483,991
OGURA, ATSUHIKO	2,483,309	DAVID	2,484,950	POLINDER, HENK	2,482,125
OH, CHOON	2,484,621	PARKS, DERRICK J.	2,481,719	POLITI, VINCENZO	2,483,991
OH, CHOON	2,484,624	PARRINGTON, MARK	2,483,771	POLYMER GROUP INC.	2,485,088
OHMOTO, KAZUJUKI	2,483,998	PARSONS, WILLIAM H.	2,483,752	PONTILLO, JOSEPH	2,484,968
OHSUMI, KOJI	2,484,306	PASTERNAK, ALEXANDER	2,483,843	PONTZEN, ROLF	2,483,816
OKADA, MASAJI	2,485,882	PASTERNAK, ALEXANDER	2,484,329	POOTH, RAINER	2,483,786
OKANO, MASAHIKO	2,483,530	PATEL, KALPANA J.	2,484,156	POPE, RANDY D.	2,484,926
OKAZAWA, HIRONORI	2,484,524	PATIENT ON LINE	2,484,160	PORTER, STEPHEN C.	2,483,823
OLIER, PHILIPPE	2,483,911	PATIENT ON LINE	2,484,512	PORTER, STEPHEN	
OLIVEIRA, EDUARDO P.	2,468,461	PATIL, GHANSHYAM	2,484,011	CHRISTOPHER	2,484,060
OLSON, GARY L.	2,484,189	PATTERSON, JOHN W.	2,483,926	PORTZLINE, GERALD A.	2,483,854
OLSON, WALTER H.	2,484,193	PATTON, R. LYLE	2,483,868	POSTIUS, STEFAN	2,484,272
OLSSON, LARS-ERIK	2,486,833	PATTON, WAYNE	2,484,547	POSTIUS, STEFAN	2,484,276
OMINOVA SOLUTIONS INC.	2,484,555	PAUL, ERIC	2,484,931	POTTER, ALLEN W.	2,484,327
OMNOVA SOLUTIONS, INC.	2,483,514	PAUL, LESTER W.	2,484,183	POWDRILL, TOM	2,480,164
ONO PHARMACEUTICAL CO., LTD.	2,483,998	PAULSEN, NEIL E.	2,483,852	POWELL, SCOTT EDWARD	2,484,207
O-OKA CORPORATION	2,483,535	PAYNE, LEROY	2,483,304	PPG INDUSTRIES OHIO, INC.	2,484,103
OOKA, JUNICHI	2,483,535	PAYNE, ROGER ALYN	2,479,679	PPG INDUSTRIES OHIO, INC.	2,484,181
OPHTHALMOS LIMITED	2,484,048	PELED, TONY	2,479,306	PRAECIS PHARMACEUTICALS, INC.	2,484,189
OR, YAT SUN	2,483,875	PENN STATE RESEARCH	2,483,978	PRAS-RAVES, MARIA L.	2,484,981
ORACLE INTERNATIONAL CORPORATION	2,484,002	FOUNDATION		PREMACHANDRAN, RAMAN	
		PENUGONDA, MADHUSUDHAN R.		SARASAMMA	2,483,839
				PREMARK FEG L.L.C.	2,484,063

## Index des demandes PCT entrant en phase nationale

PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,483,917	REINHART, WERNER	2,483,794	RULAND, ALFRED	2,483,472
PRESTWICH, GLENN	2,480,170	REITER, LAWRENCE ALAN	2,484,067	RUNKEL, DIETMAR	2,483,897
PRHAVC, MARIJA	2,477,741	REKKER, TJALLING	2,483,548	RURAL INDUSTRIES	
PRICE, IAN L.	2,484,328	REMICK, DAVID MICHAEL	2,484,188	RESEARCH &	
PRINCETON UNIVERSITY	2,482,566	REMPY, RAYMOND D.	2,484,180	DEVELOPMENT	
PRITCHARD, MARTYN CLIVE	2,484,582	RENO, ELIZABETH ANN		CORPORATION	2,477,738
PRODUCTIEF	2,484,949	BROWN	2,483,911	RUSS, WERNER	2,483,933
PROKOP, ADRIAN	2,484,515	RENO, ELIZABETH ANN		RUSSELL, MICHAEL	
PROTONEX TECHNOLOGY CORPORATION	2,483,394	BROWN	2,483,928	GEOFFREY NEIL	2,484,162
PROVERB, ROBERT	2,484,506	RENS, PIET C. J.	2,484,593	RUTTER, NICHOLAS	
PU, ZHOU	2,484,150	RESEARCH IN MOTION		ALEXANDER	2,484,161
PUENTENER, KURT	2,478,275	LIMITED	2,483,407	RYAN, MICHAEL	2,484,506
PULLELA, VENKATESHWAR	2,484,442	RESUTA, DAVID P.	2,484,449	RYAN, NICHOLAS JOHN	2,485,180
PURDUE RESEARCH FOUNDATION	2,483,683	RHEAVENDORS SPA	2,484,170	RZEPCKI, PIOTR W.	2,480,170
PURDUE RESEARCH FOUNDATION	2,483,908	RICE UNIVERSITY	2,484,336	S&C ELECTRIC COMPANY	2,483,509
PUVILAND, PATRICE	2,484,552	RICE, KENNETH D.	2,484,209	SABHIKHI, RAVINDER KUMAR	2,484,508
PYRCE, PHILIP R.	2,484,362	RICHARDSON, WILLIAM R.	2,484,977	SABIN, PAUL	2,483,394
PYRCE, PHILLIP R.	2,484,917	RICHNAFSKY, JOHN E.	2,484,213	SABURI, SHIGERU	2,483,528
QI, HONGBO	2,478,183	RICHON, VICTORIA M.	2,478,094	SABURI, SHIGERU	2,484,285
QNI TECHNOLOGY PTY LTD	2,484,134	RICHTER, FRANK	2,483,829	SADEK, KURT	2,484,593
QUALCOMM INCORPORATED	2,483,318	RICO, JOSEPH G.	2,483,314	SAEGUSA, KAZUNORI	2,483,647
QUALCOMM INCORPORATED	2,483,511	RIESS, FRIEDRICH	2,485,067	SAEKI, TAKAO	2,484,918
QUALCOMM INCORPORATED	2,483,864	RIETZSCHER, ROLF	2,484,263	SAGI, DALIT	2,484,446
QUALCOMM INCORPORATED	2,484,037	RIFF, KENNETH M.	2,483,999	SAIDI, YAZID M.	2,483,918
QUALCOMM INCORPORATED	2,484,194	RIKEN	2,483,525	SAIDO, TAKAOMI	2,483,525
QUALCOMM INCORPORATED	2,484,504	RINALDI, MARK ANTHONY	2,484,508	SAINT-GOBAIN ABRASIVES, INC.	2,484,169
QUAN, DANYI	2,483,834	RIRIE, KIRK MAX	2,484,215	SAINT-GOBAIN PAM	2,484,344
QUAN, ZHANG	2,484,488	RITE-HITE HOLDING		SAITO, TAKASHI	2,483,525
QUELIS ID SYSTEMS INC.	2,483,788	CORPORATION	2,484,931	SAITO, YOSHIO	2,484,453
QUERE, LUC	2,484,954	RITLAND, STEPHEN	2,484,923	SAITO, YUJI	2,484,292
QUI, YAO-LING	2,483,875	RITSEMA VAN ECK, SIMON	2,483,479	SAITO, YUJI	2,484,294
QUINNAN, GERALD V., JR.	2,483,870	RIVIR, MICHAEL	2,484,912	SAITO, YUJI	2,484,302
RAATZ, CHRISTOPH	2,483,469	ROBA, GIACOMO STEFANO	2,483,308	SAJI, YOSHITO	2,484,524
RABIN, MICHAEL O.	2,483,605	ROBA, GIACOMO STEFANO	2,483,385	SAKAI, JUN	2,483,528
RADIANT COMMUNICATIONS CORPORATION	2,483,276	ROBERTSON, BRIAN A.	2,484,191	SAKAJIRI, KOICHI	2,484,918
RADIANT NETWORKS PLC.	2,484,899	ROBERTSON, IAN M.	2,483,407	SAKAKIBARA, HIROYUKI	2,484,287
RADJA, COUMARA D.	2,483,423	ROBERTSON, MICHAEL ALAN	2,484,188	SALTER, EDMUND L.	2,484,982
RADOMYSELSKI, ARSENI VALEREVICH	2,484,207	ROBIT, PHILIPPE	2,483,962	SALVONA, L.L.C.	2,483,723
RADTKE, GUIDO BERNHARD EDMUND	2,483,597	ROCKEFELLER UNIVERSITY	2,481,238	SALVONA, L.L.C.	2,484,071
RAFIE, MANOUCHEHRI S.	2,484,899	RODRIGUEZ, SARMIENTO,		SALYI, SZabolcs	2,483,532
RAGHEB, ANTHONY O.	2,484,383	ROSA MARIA	2,483,461	SALYI, SZabolcs	2,483,566
RAHN, PETER C.	2,483,832	RODRIGUEZ, VICTOR RUBEN	2,483,534	SALZMAN, JACK	2,484,008
RAITANO, ARTHUR B.	2,480,811	ROELLIN, RICHARD	2,483,888	SAMJIN PHARMACEUTICAL	
RAJWANSHI, VIVEK K.	2,477,741	ROEMER, OSWALD	2,484,905	CO., LTD.	2,478,302
RAK, ZBIGNIEW	2,484,924	ROJAS, MARIA GUADALUPE	2,484,126	SAMSUNG ELECTRIC CO., LTD.	2,484,991
RAMSAY, JULIE LYNN	2,484,928	ROLINSON, SEAN	2,483,605	SANDVIK AB	2,483,374
RANDOLPH, BRUCE	2,485,040	ROMBERG, VAL	2,485,064	SANO, MAKIKO	2,484,035
RANGARAJAN, VIJAY	2,484,446	RONCUCCI, GABRIO	2,484,070	SANTAMORE, WILLIAM P.	2,484,057
RASTATTER, MICHAEL	2,483,517	ROOF, GORDON R.	2,483,326	SANTOS, OSVALDO DOS	2,483,538
RAWSON, DAVID JAMES	2,484,582	ROSEN, CRAIG A.	2,484,121	SARVEGA, INC.	2,483,423
RAZZETTI, GABRIELE	2,484,585	ROSEN, ERIC C.	2,484,037	SARVEGA, INC.	2,484,355
RECKITT BENCKISER HEALTHCARE (UK) LIMITED	2,484,985	ROSENBERG, LIOR	2,483,329	SASAHARA, JUN	2,484,292
REDDY, ADULLA P.	2,483,555	ROSSOLINI, GIAN MARIA	2,484,070	SASAHARA, JUN	2,484,294
REDEGELD, FRANCISCUS ANTONIUS MARIA	2,478,649	ROTHAMSTED RESEARCH LTD	2,484,904	SASAHARA, JUN	2,484,302
REEDER, NANCY LYNN	2,486,381	ROTHERMEL, JOHN DAVID	2,483,826	SASAKI, TAKASHI	2,484,349
REHM, KLAUS	2,483,469	ROUTKE, JONATHAN M.	2,484,072	SATHER, DALE A.	2,468,461
REID, CARROLL G.	2,484,452	ROUTIER, SYLVAIN	2,484,954	SATO, CHISATO	2,483,533
REIFFERSCHEID, MARKUS	2,483,784	ROVINSKI, BENI	2,481,719	SATO, KOICHI	2,483,533
REIGHARD, TRICIA S.	2,484,364	ROWE, JAMES COUSER III	2,485,031	SAUER, UWE ERICH	2,479,736
REINDERS, JAN H.	2,484,981	ROWE, JAMES COUSER III	2,485,034	SAUNDERS, CHARLES	
		ROWITCH, DOUGLAS NEAL	2,484,504	WINSTON	2,486,381
		ROWLAND, CRAIG H.	2,484,461	SAUNDERS, CHARLES	
		ROYCE MEDICAL COMPANY	2,484,114	WINSTON	2,486,388
		ROYCE MEDICAL COMPANY	2,484,167	SAVIHARJU, KARI	2,484,718
		RUAG AMMOTEC GMBH	2,485,067	SAVIN, KENNETH ALLEN	2,484,188
		RUBEN, STEVEN M.	2,484,121	SAWAI, YOSHIIYUKI	2,483,504
		RUBINSTEIN, AMY L.	2,477,624	SCALONE, MICHELANGELO	2,478,275
		RUIZ, ANNA	2,483,834	SCALONE, MICHELANGELO	2,483,461
		RULAND, ALFRED	2,483,310	SCHAFFER, ALLAN L.	2,478,823
		RULAND, ALFRED	2,483,470		

## Index of PCT Applications Entering the National Phase

SCHAEFER-KORTING, MONIKA		SHARMA, VINOD	2,484,193	SMITHKLINE BEECHAM
	2,483,786	SHASHA, DENNIS E.	2,483,605	PHARMCO PUERTO RICO,
SCHAFFNER, DARIN G.	2,484,383	SHAW, WILLIAM J.	2,484,073	INC. 2,484,624
SCHAFFNER, PATRICIA	2,484,956	SHEFER, ADI	2,483,723	SMOLKA, ADAMS, J. 2,484,238
SCHAMPER, THOMAS	2,483,907	SHEFER, ADI	2,484,071	SMS DEMAG
SCHARF, MICHAEL W.	2,484,122	SHEFER, SAMUEL	2,484,071	AKTIENGESELLSCHAFT 2,483,783
SCHATZBERG, ALAN F.	2,483,855	SHEFER, SAMUEL DAVID	2,483,723	SMS DEMAG
SCHEDLBERGER, ROBERT	2,484,284	SHEKALIM, AVRAHAM	2,485,069	AKTIENGESELLSCHAFT 2,483,784
SCHEEL-KRUEGER, JOERGEN	2,484,482	SHEKUNOV, BORIS Y.	2,483,563	SNAPP, STEVEN R. 2,484,461
SCHELKUN, ROBERT MICHAEL		SHELL INTERNATIONALE		SNECMA PROPULSION SOLIDE 2,484,262
	2,484,582	RESEARCH		SNIJDERS, GERRIT 2,484,924
SCHEPER, WILLIAM MICHAEL	2,484,207	MAATSCHAPPIJ B.V.	2,484,297	SNOW, ROBERT A. 2,484,375
SCHERING AKTIENGESELLSCHAFT	2,483,554	SHELL INTERNATIONALE		SOBIESKI, ROBERT T. 2,484,555
SCHERING		RESEARCH		SOBOL, CONSTANTIN V. 2,484,639
	2,484,597	MAATSCHAPPIJ B.V.	2,484,301	SOBOL, YUZFA T. 2,484,639
SCHERING CORPORATION	2,483,923	SHERWOOD SERVICES AG	2,484,008	SOCIETE DES PRODUITS
SCHERING CORPORATION	2,484,217	SHEYNLAT, LEONID	2,483,318	NESTLE S.A. 2,483,465
SCHIELI, NICOLAS	2,483,788	SHI, XIAN	2,484,209	SOKOLOV, SKIFF 2,484,945
SCHIFFER, GUIDO	2,483,303	SHIELDIP, INC.	2,483,605	SOLINSKY, MARK GREGORY 2,483,787
SCHIKORA, IRENE	2,485,067	SHIMADA, MITSUYUKI	2,483,303	SOLINSKY, MARK GREGORY 2,483,806
SCHILLING, CHRISTOPHE H.	2,480,216	SHIONOGI & CO., LTD.	2,483,306	SOLUTIA INC. 2,483,411
SCHLEMMER, KARL-HEINZ	2,483,865	SHIRE LABORATORIES, INC.	2,483,827	SOLVAY PHARMACEUTICALS
Schlumbergersema Inc.	2,483,415	SHMULEWITZ, ASCHER	2,485,069	B.V. 2,484,981
SCHMIDT, MICHELLE A.	2,483,314	SHOHAM, DORON	2,484,427	SOLVAY POLYOLEFINS
SCHMIDT, ROBERT KYLE	2,483,404	SHOJAEI, AMIR H.	2,483,827	EUROPE-BELGIUM (S.A.) 2,483,835
SCHMITZ, CHRISTIAN	2,483,467	SHUKLA, RISHI	2,483,545	SOLVAY POLYOLEFINS
SCHNEIDER, DAVID	2,483,929	SIBERDT, FABIAN	2,483,458	EUROPE-BELGIUM
SCHNEPP, KEVIN LUKE	2,484,209	SIBERDT, FABIAN	2,483,835	(SOCIETE ANONYME) 2,483,458
SCHOENLEITNER, ARNOLD	2,484,284	SIEGEL, MICHAEL STEVEN	2,484,508	SOMMA, FRANCESCA 2,483,991
SCHOLTISSEK, MARTIN	2,483,310	SIEMEISTER, GERHARD	2,484,597	SOMMER, JOHN L. 2,483,779
SCHOLTISSEK, MARTIN	2,483,470	SIEMENS		SOMMER, JOHN L. 2,484,543
SCHONTISSEK, MARTIN	2,483,472	AKTIENGESELLSCHAFT	2,484,952	SONDEREGGER, MARCO 2,479,736
SCHONBERGER, HANS	2,484,958	SIFI S.P.A.	2,484,020	SONG, JUN-HYUK 2,484,991
SCHOTT AG	2,484,023	SIGMA-GENOSYS, L.P.	2,480,164	SONNENSCHEIN, ELAZAR 2,483,763
SCHRAGA, STEVEN	2,484,942	SIGMAKALON SERVICES B.V.	2,483,867	SONNENSCHEIN, MINELU 2,483,763
SCHREINER, JASON D.	2,484,213	SIGMA-TAU INDUSTRIE		SORCEK, RONALD J. 2,483,890
SCHREY, ALEXANDER	2,484,263	FARMACEUTICHE		SOTO, JORGE 2,483,326
SCHROEDER, KENNETH		RIUNITE S.P.A.	2,483,904	SOUCAILLE, PHILIPPE 2,483,338
MICHAEL	2,483,460	SIKA TECHNOLOGY AG	2,485,025	SPELLER, MICHAEL 2,483,679
SCHULTZ, DAVID P.	2,484,328	SIKES, C. STEVEN	2,483,537	SPIES, THOMAS 2,483,343
SCHULZ, NORBERT	2,484,458	SIMMONS, STEPHEN M.	2,483,415	SPIES, VERONIKA 2,483,343
SCHULZE, VOLKER	2,484,597	SIMON, WOLFGANG-		SPILBURG, CURTIS A. 2,483,916
SCHWAIGER, GUNTHER	2,483,933	ALEXANDER	2,484,272	SPIRIDIGLIOZZI, JOHN 2,483,871
SCHWARZ, HANS-GEORG	2,483,816	SIMON, WOLFGANG-		SPRIESTERSBACH, JOCHEN 2,484,458
SCHWARZMAIER, PETER	2,483,981	ALEXANDER	2,484,276	SPRUNK, ERIC J. 2,483,978
SCHWEDE, WOLFGANG	2,484,597	SIMONEN, JORMA	2,484,718	STAEBER, HANS 2,483,897
SCHWEINITZ, ANDREA	2,478,412	SIMPSON, ANDREW JOHN	2,480,494	STAHLER, WILLIAM H. 2,484,073
SCHWERTFEGER, WERNER	2,484,299	GEORGE	2,483,534	STAMLER, JONATHAN S. 2,478,089
SCIENCE & ENGINEERING ASSOCIATES, INC.		SINE, MARK RICHARD		STANFORTH, PETER J. 2,484,228
SCIMED LIFE SYSTEMS, INC.	2,483,744	SINTEF FISKERI OG HAVBRUK AS	2,483,681	STARION INSTRUMENTS
SCOLR, INC.	2,484,937	SITBON, MARC KHAMOUS		CORPORATION 2,483,789
SCOTT, GRAHAM B. I.	2,484,528	MICHEL	2,483,327	STASKIN, DAVID R. 2,484,290
SEACHANGE INTERNATIONAL, INC.	2,484,336	SKUSE, DAVE R.	2,483,400	STEFANIAK, MARK HENRYK 2,479,016
SEAL, BRIAN K.	2,483,613	SKYEPHARMA CANADA INC.	2,484,375	STEHLE, NATHAN W. 2,483,314
SEATS, ROBERT L.	2,483,415	SLEEP, DARRELL	2,485,064	STEINBERG, THOMAS 2,483,868
SEITZINGER, JEFFREY S.	2,484,452	SLINGENEIJER DE GOESWIN, CHRISTOPHE	2,483,867	STEINFORT, MARC 2,484,237
SEKITO, SHINOBU	2,483,563	SMAILL, JEFFREY BRUCE	2,483,496	STEINMETZER, TORSTEN 2,478,412
SELF, CHRISTOPHER	2,484,189	SMITH, C. ANTHONY	2,484,231	STEPAN, MICHAEL M. 2,483,810
SELLA, ANTONIO	2,483,991	SMITH, DAN	2,479,187	STEPHENSON, COLIN 2,483,393
SENO, KAORU	2,483,306	SMITH, MARTIN A.	2,484,062	STEVENS, RICHARD JOSEPH 2,483,963
SENSOR HIGHWAY LIMITED	2,484,481	SMITH, ROBERT C.	2,484,321	STICHTING ENERGIEONDERZOEK
SEQUAL TECHNOLOGIES, INC.	2,484,982	SMITH, SCOTT EDWARD	2,483,460	CENTRUM NEDERLAND 2,484,924
SHAH, ANJALI	2,479,807	SMITH, SCOTT EDWARD	2,483,463	STOBIE, ALAN 2,479,016
SHAH, SHRENICK K.	2,478,183	SMITH, STEPHEN E.	2,484,601	STOCHNIOL, GUIDO 2,483,447
SHAH, TUSHAR	2,484,899	SMITHKLINE BEECHAM		STOCK, DAVID 2,484,928
SHANDER, DOUGLAS	2,483,634	PHARMCO PUERTO RICO, INC.	2,484,621	STOKES, ELAINE SOPHIE 2,484,065
SHANKLIN, STEVEN D.	2,484,461			STOLTZE, LARS 2,478,220
				STONE, HOWARD A. 2,483,917

## Index des demandes PCT entrant en phase nationale

STORM, HANNE	2,483,903	TAMAS, TIVADAR	2,483,566	THE PROCTER & GAMBLE COMPANY	2,484,196
STORRS, RICHARD WOOD	2,483,931	TANAKA, HIDEAKI	2,483,317	THE PROCTER & GAMBLE COMPANY	2,484,207
STOTT, WILLIAM R.	2,483,542	TANG, CHENG	2,483,752	THE PROCTER & GAMBLE COMPANY	2,486,381
STOUT, GORDON	2,484,950	TANNER, URS	2,483,776	THE PROCTER & GAMBLE COMPANY	2,486,388
STRATATECH CORPORATION	2,483,547	TAS, AHMET CUENEYT	2,483,859	THE PROCTER & GAMBLE COMPANY	
STRATTON, THOMAS GEORGE	2,484,338	TAUNIER, STEPHANE	2,483,584	THE PROCTER & GAMBLE COMPANY	
STRAUS, ELLIOTT J.	2,483,514	TAYLOR, JOHN W.	2,484,362	THE PROCTER & GAMBLE COMPANY	
STREET, LESLIE JOSEPH	2,484,162	TAYLOR, JOHN W.	2,484,917	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,479,920
STUART, ANDREW	2,483,517	TAYLOR, RICHARD K.	2,483,902	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2,484,308
STUERZEBECHER, JOEG	2,478,412	TAYLOR, RICHARD K.	2,484,593	THE SCRIPPS RESEARCH INSTITUTE	2,483,337
STURGEON, JASON S.	2,484,383	TAYLOR, SPENCER EDWIN	2,483,300	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE	
STURTON, GRAHAM	2,483,865	TECHNION RESEARCH AND DEVELOPMENT FOUNDATION, LTD.	2,480,190	THE UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,484,126
SUBLET, RENAUD	2,484,523	TECHNOLOGY COMMERCIALIZATION CORPORATION	2,484,639	THERION BIOLOGICS CORPORATION	2,481,719
SUBRAMANIAN, GANGADHARAN	2,483,433	TEDFORD, RICHARD A.	2,484,364	THIELE, GEORG	2,483,447
SUGANO, MASATO	2,484,982	TEENESS AS	2,483,844	THISTLE, ROBERT	2,483,871
SUI, ZHIHUA	2,484,340	TEGENFELDT, JONAS	2,482,566	THOMAS, ANDREW WILLIAM	2,483,461
SULLIVAN, PATRICK L.	2,483,601	TEIJIN LIMITED	2,483,504	THOMAS, ISABELLE	2,482,077
SUM, FUK-WAH	2,483,538	TEIJIN LIMITED	2,484,982	THOMPSON, ANDREW MARK	2,483,496
SUM, FUK-WAH	2,483,562	TEMCO JAPAN CO., LTD.	2,484,613	THOMPSON, DAVID L.	2,484,543
SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,484,349	TENARIS CONNECTIONS AG	2,483,934	THOMPSON, DAVID RUSSELL	2,484,225
SUN, SANXING	2,483,890	TENDLER, MIRIAM	2,480,494	THOMPSON, JOHN A.	2,483,514
SUNTORY LIMITED	2,484,736	TENENGAUZER, RUTH	2,483,569	THOMPSON, STEVEN C.	2,485,027
SURF POOLS LIMITED	2,483,821	TERRUZZI, LIDIA	2,483,308	THOMPSON, TONY O.	2,484,136
SURGI-VISION, INC.	2,482,291	TERRUZZI, LIDIA	2,483,385	THOMSEN, LINDY LOUISE	2,479,315
SURLERAUX, DOMINIQUE LOUIS NESTOR GHISLAIN	2,479,012	TERRY, STEPHEN E.	2,483,595	THOMSEN, SCOTT V.	2,483,260
SUTTIE, JAMES M.	2,478,823	TERRY, STEPHEN E.	2,484,363	THORNTON, THOMAS A.	2,468,461
SUTTON, JOSEPH PETER	2,484,064	TESFAI, ZEROM	2,484,209	THOROE SCHERB, THOMAS	2,483,818
SUZUKI, HIROHITO	2,483,765	TETRA LAVAL HOLDINGS & FINANCE S.A.	2,484,142	THORSETT, EUGENE D.	2,483,573
SUZUKI, TOSHIKUMI	2,484,292	TEVA PHARMACEUTICAL INDUSTRIES LTD.	2,483,569	TIBOTEC PHARMACEUTICALS LTD.	2,479,012
SUZUKI, TOSHIKUMI	2,484,294	TEZUKA, TSUNAO	2,483,528	TIME WARNER ENTERTAINMENT COMPANY, L.P.	
SVENSEN, CLIVE N.	2,484,302	THALES	2,482,077	TISSOT, SVEN	2,484,620
SVENSTRUP, NIELS	2,484,223	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS	2,483,276	TITE, JOHN PHILIP	2,484,905
SWAILE, DAVID FREDERICK	2,483,303	THE BOEING COMPANY	2,480,639	TJEENK WILLINK, CORNELIS ANTONIE	2,479,315
SWARD, BRIAN	2,483,463	THE BOEING COMPANY	2,483,810	TJEENK WILLINK, CORNELIS ANTONIE	2,484,297
SWEET, JUNKO	2,484,982	THE CURATORS OF THE UNIVERSITY OF MISSOURI	2,484,174	TOCCI, MICHAEL D.	2,484,301
SWIGART, JOHN F.	2,484,426	THE GILLETTE COMPANY	2,484,180	TOCCI, NORA C.	2,483,744
SWOYER, JEFFREY	2,483,699	THE HENRY M. JACKSON FOUNDATION	2,484,130	TOHO TENAX CO., LTD.	2,483,744
SYNGENTA LIMITED	2,483,918	THE INTERTECH GROUP, INC.	2,483,634	TOMITA, YOSHIRO	2,484,918
SYNGENTA PARTICIPATIONS AG	2,484,928	THE PROCTER & GAMBLE COMPANY	2,483,870	TOMPKINS, THOMAS L.	2,483,899
SZABO, ANIKO	2,484,928	THE PROCTER & GAMBLE COMPANY	2,484,357	TONEGAWA, SUSUMU	2,483,773
SZABO, CSABA	2,478,605	THE PROCTER & GAMBLE COMPANY	2,483,393	TONTTHAT, AN	2,481,238
SZABO, CSABA	2,483,532	THE PROCTER & GAMBLE COMPANY	2,483,460	TOSCANO, RITA G.	2,483,978
SZALACSI, LESLIE L.	2,483,566	THE PROCTER & GAMBLE COMPANY	2,483,463	TOSHIBA PLANT SYSTEMS & SERVICES CORPORATION	2,483,567
SZELEZNIAK, EDWARD	2,484,497	THE PROCTER & GAMBLE COMPANY	2,483,534	TOUZO, BRUNO	2,484,045
TABER, BRUCE E.	2,483,893	THE PROCTER & GAMBLE COMPANY	2,483,649	TRACEY, WAYNE ROSS	2,483,927
TABERLET, JEAN-PHILIPPE	2,484,552	THE PROCTER & GAMBLE COMPANY	2,483,787	TRAN, JOE AHN	2,484,968
TAEGER, KLAUS	2,483,310	THE PROCTER & GAMBLE COMPANY	2,483,806	TREADWAY, JUDITH LEE	2,483,927
TAIPALE, ANSSI JUSSI NIKOLAI	2,483,311	THE PROCTER & GAMBLE COMPANY	2,483,911	TREIBER, REINHARD	2,484,268
TAKAHASHI, SHINJI	2,483,567	THE PROCTER & GAMBLE COMPANY	2,483,928	TREVES, AVI	2,479,679
TAKAKI, AKIRA	2,483,647	THE PROCTER & GAMBLE COMPANY		TROPSCH, JURGEN	2,483,470
TAKAKI, YOSHIE	2,483,525	THE PROCTER & GAMBLE COMPANY		TROPSCH, JURGEN	2,483,472
TAKAMORI, YASUSHI	2,485,882	THE PROCTER & GAMBLE COMPANY			
TAKASAKI, TSUYOSHI	2,483,533	THE PROCTER & GAMBLE COMPANY			
TAKASAKI, TSUYOSHI	2,483,538	THE PROCTER & GAMBLE COMPANY			
TAKEDA CHEMICAL INDUSTRIES, LTD.	2,483,525	THE PROCTER & GAMBLE COMPANY			
TAKEDA, TAKESHI	2,484,613	THE PROCTER & GAMBLE COMPANY			
TAKEUCHI, CRAIG STACY	2,484,209	THE PROCTER & GAMBLE COMPANY			
TAKEUCHI, SUSUMU	2,483,504	THE PROCTER & GAMBLE COMPANY			
TAKIZAWA, TERUYUKI	2,484,524	THE PROCTER & GAMBLE COMPANY			
TALLER GMBH	2,484,076	THE PROCTER & GAMBLE COMPANY			
TALLEY, JOHN J.	2,483,314	THE PROCTER & GAMBLE COMPANY			
TAMAI, SATOSHI	2,483,562	THE PROCTER & GAMBLE COMPANY			
TAMAS, TIVADAR	2,483,532	THE PROCTER & GAMBLE COMPANY			

## Index of PCT Applications Entering the National Phase

TROUGHTON, BRIAN	2,483,822	VAN EKELEN, JOHANNES	2,483,308	WANNEMACHER, THOMAS	2,484,148
TROUGHTON, BRIAN	2,484,896	ADRIANUS	2,483,308	WARE, LARRY AUSTEN	2,483,680
TSAKLAKIDIS, CHRISTOS	2,483,228	VAN EKELEN, JOHANNES	2,483,385	WARING, MICHAEL JAMES	2,484,065
TSANG, TSZE H.	2,484,209	ADRIANUS	2,484,949	WARNER-LAMBERT COMPANY	
TSIANG, DAVID	2,484,427	VAN HEREL, MARIJN	2,484,981	WARNER-LAMBERT COMPANY	2,483,496
TSODIKOV, ALEXANDER	2,478,605	VAN SCHARENBURG, GUUSTAAF J.M.	2,484,204	LLC	2,483,830
TSUBUKI, SATOSHI	2,483,525	VARIAN, INC.	2,484,288	WARNER-LAMBERT COMPANY	
TSUGUMI, SHOGO	2,483,528	VAUPEL, ANDREA	2,485,040	LLC	2,484,582
TSUMURA, MANABU	2,483,510	VECTOR PRODUCTS, INC.	2,483,584	WATANABE, MITSUTOSHI	2,483,528
TSUNEISHI, HIROSHI	2,483,647	VEDEL, JACQUES	2,479,012	WATANABE, MITSUTOSHI	2,484,285
TSUNODA, TADASHI	2,484,988	VENDEVILLE, SANDRINE MARIE HELENE	2,483,533	WATLOW ELECTRIC MANUFACTURING COMPANY	
TSURUTA, HIROSHI	2,483,998	VENKATESAN, ARANAPAKAM MUDUMBIAI	2,483,538	WATTSCHKE, BRIAN P.	2,483,968
TUCCI, FABIO C.	2,484,968	VENKATESAN, ARANAPAKAM MUDUMBIAI	2,483,562	WATSON PHARMACEUTICALS, INC.	2,484,290
TUCKER, JOHN	2,483,573	VENKATESAN, ARANAPAKAM MUDUMBIAI	2,483,568	WAYNE-DALTON CORP.	2,483,834
TUCKER, KATHLEEN D.	2,477,741	VENTER, PETROUS JOHANNES	2,484,062	WEAVEXX CORPORATION	2,483,539
TUCKER, MARK	2,483,847	VERDOUX, MARTINE	2,484,156	WEAVEXX CORPORATION	2,483,822
TUOZZI, ANGELA	2,483,862	VERDOUX, MARTINE	2,484,160	WEBB, RANDY LEE	2,484,896
TURCHETTA, STEFANO	2,483,862	VERGOUWEN, BERNHARD JOANNA BERNARD	2,479,012	WEGMANN, ALEX	2,485,081
TURNER, STEPHEN J.	2,484,528	VERHAEGHE, JAN	2,484,138	WEH, ERWIN	2,484,148
TYAGARAJAN, SRIRAM	2,483,771	VERNIER, WILLIAM F.	2,483,314	WEH, ERWIN	2,484,235
TYCO HEALTHCARE GROUP, LP	2,483,905	VERTECH HUME PTY LTD	2,483,452	WEH, WOLFGANG	2,484,236
TYCO HEALTHCARE GROUP, LP	2,483,906	VESTAS WIND SYSTEMS A/S	2,483,558	WEH, WOLFGANG	
TYCO WATER PTY LIMITED	2,484,321	VETTER, JOERG	2,484,076	WEI, CHENKOU	2,484,236
TYLER, LARRY E.	2,483,754	VIDARSSON, GESTUR	2,478,649	WEIMER, THOMAS	2,484,212
UCB, S.A.	2,484,227	VILAR, MONICA MAGNO	2,480,494	WEINER, BONNIE H.	2,485,064
UCHIMI, HIDEKI	2,483,899	VILLAMIL, CLARA I.	2,483,314	WEINERT, RAYMOND J., JR.	2,484,057
UEDA, YASUJI	2,484,287	VISIONARY SOLUTIONS, LLC	2,482,316	WEISENBORN, ALAN	2,484,555
UHDE GMBH	2,483,447	VISUAIDE INC.	2,479,506	WEISSMANN, CHARLES	2,484,073
UHDE GMBH	2,483,981	VITHAYATHIL, JOHN J.	2,484,484	WELSER PROFILE AG	2,478,220
ULLRICH, NORBERT	2,483,447	VO, NHA HUU	2,483,875	WELSER, WOLFGANG	2,484,939
ULTRA SYSTEMS LIMITED	2,483,479	VOERCKEL, VOLKMAR	2,483,897	WEN, WEIJAN	2,484,939
UNIGEN PHARMACEUTICALS, INC.	2,484,192	VOETS, MARIEKE CHRISTIANE JOHANNA	2,479,012	WENDLANDT, JEFFREY M.	2,485,025
UNIVERSAL ELECTRONICS INC.	2,483,795	VOICEAGE CORPORATION	2,483,790	WERDER, JONATHAN C.	2,484,073
UNIVERSAL ELECTRONICS INC.	2,483,833	VOICEAGE CORPORATION	2,483,791	WESTERLUND, CHRISTINA	2,484,543
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	2,483,436	VOITH PAPER PATENT GMBH	2,483,818	WESTFALIA SEPARATOR AG	2,483,498
UNIVERSITY OF UTAH RESEARCH FOUNDATION	2,478,605	VONK, DONALD ROBB	2,484,103	WESTRUM, JOHN W., JR.	2,485,082
UNIVERSITY OF WASHINGTON	2,484,515	VRTIS, JENNIFER M.	2,480,639	WETTENDORFF, MARTINE ANNE CECILE	2,484,290
UNO, TEPPEI	2,483,309	WAGERS, SHANNON DALE	2,483,649	WHATMAN INC.	2,479,304
UOP LLC	2,483,926	WAGNER, ANDREW V.	2,484,181	WHEELER, CHARLES R., JR.	2,484,062
UOTOME, RIICHI	2,484,172	WAHLBOM, FREDRIK	2,479,736	WHEELER, JOHN R., JR.	2,484,205
URBAN, FRANK JOHN	2,484,342	WAHLSTRAND, JOHN D.	2,483,854	WHITE, ANDREA K.	2,484,361
USHIROGOCHI, HIDEKI	2,483,533	WAHLSTROEM, PATRIK	2,484,540	WHITE, DAVID M.	2,480,639
USHIROGOCHI, HIDEKI	2,483,562	WAIBLE, THOMAS	2,484,076	WHITE, ERIC D.	2,484,072
VACHON, MICHAEL G.	2,484,375	WAIDNER, MICHAEL	2,484,487	WHITE, NICOLE	2,484,228
VADROT, DOMINIQUE	2,484,156	WALLNER, ULRICH	2,483,531	WHITEHILL, ERIC A.	2,484,968
VADROT, DOMINIQUE	2,484,160	WALSH, SCOTT	2,479,807	WIEGNER, JENS-PETER	2,484,228
VAEZY, SHAHRAM	2,484,515	WALTER, RICHARD LEE, JR.	2,483,388	WIGERINCK, PIET TOM BERT PAUL	2,483,897
VALENCE TECHNOLOGY, INC.	2,483,918	WALTHER, MANFRED	2,483,776	WILCOX, JOYCE	2,479,012
VALIANT CORPORATION	2,483,768	WALTON, HUGH A.	2,483,260	WILD, THOMAS	2,483,842
VALLE, FERNANDO	2,483,338	WANG, CHENWEN	2,483,793	WILDFEUFER, HERBERT M.	2,483,981
VALORISATION-RECHERCHE, SOCIETE EN COMMANDITE	2,479,270	WANG, GUANGYI	2,477,741	WILDFEUFER, HERBERT M.	2,484,253
VALSPAR SOURCING, INC.	2,484,191	WANG, GUOQIANG	2,483,875	WILKES, GORDON	2,484,255
VALSPAR SOURCING, INC.	2,484,347	WANG, HAILIANG	2,483,650	WILLARD, MARTIN R.	2,484,260
VAN DE WINKEL, JOHANNES GERARDUS JOSEPH	2,478,649	WANG, LIJUAN JANE	2,483,314	WILLEMS, ERICH	2,484,547
VAN DER DONK, WILFRED A.	2,480,639	WANG, LILIN	2,479,187	WILLIAM COOK EUROPE APS	2,484,150
VAN DER POEL, HENK	2,483,867	WANG, LONGCHENG	2,484,209	WILLIAM MARSH RICE UNIVERSITY	2,484,383
		WANG, PEI	2,483,323	WILLIAMSON, LOUIS D.	2,484,620
		WANG, SHAONING	2,478,275	WILMES, RONALD	2,483,783
		WANG, XIAOLIN	2,484,601	WILSON, BEN A.	2,483,926
		WANG, XIN	2,484,493	WILSON, STEPHEN T.	2,483,926
		WANG, YANONG DANIEL	2,483,529	WINCH BOLLARD AS	2,484,175
		WANG, YE-KUI	2,483,293	WIND, DONALD G.	2,484,347

## Index des demandes PCT entrant en phase nationale

WINTER, DAVID P.	2,484,982	ZHANG, YUE	2,484,143
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,479,297	ZHAO, ZHONG	2,483,555
WISCONSIN ALUMNI RESEARCH FOUNDATION	2,484,223	ZHOU, CHANGYOU	2,483,752
WISHART, ANDREW S.	2,485,027	ZHOU, CHANGYOU	2,483,843
WOELL, WOLFGANG	2,483,447	ZHOU, ZHIMING	2,483,773
WOLF, GOTTHARD	2,484,263	ZHU, LEI	2,480,018
WOLF-GOUVEIA, LILLI ANN	2,483,500	ZIPFEL, SHEILA M.	2,484,011
WOMEN'S & CHILDREN'S HOSPITAL	2,477,738	ZUCKER, JERRY	2,484,357
WONG, BERT C.	2,484,231	ZWEIFEL, BEN S.	2,484,324
WOOD, JEANETTE MARJORIE	2,483,594	ZYGOGEN, LLC	2,477,624
WOOD, JERRY C.	2,484,593		
WOODS, JACK A.	2,484,174		
WOOL, THOMAS J.	2,484,310		
WOONING, TREES	2,484,949		
WOS, JOHN AUGUST	2,483,787		
WOS, JOHN AUGUST	2,483,806		
WOZNICA, ZENON J.	2,483,893		
WRAY, MARTYN THOMAS	2,483,540		
WU, JIANG-PING	2,483,890		
WU, XUEMEI	2,483,323		
WULFF, CHRISTIAN	2,483,472		
WYETH	2,483,323		
WYETH	2,483,533		
WYETH	2,483,538		
WYETH	2,483,562		
WYETH	2,483,846		
WYETH HOLDINGS CORPORATION	2,483,529		
WYLER, RENE	2,483,461		
WYNN, THOMAS A.	2,483,314		
XCOUNTER AB	2,484,945		
XU, ZHI	2,484,130		
XU, ZU-FENG	2,484,205		
YACOVONE, VINCENT J.	2,483,411		
YAKOVLEV, ANDREI	2,478,605		
YAMAKAWA, TSUYOSHI	2,483,528		
YAMAMOTO, RITSU	2,484,172		
YAMAMURA, ITSUKI	2,483,538		
YAMAUCHI, AKIRA	2,484,426		
YAMAZAKI, HIROSHI	2,483,368		
YAMAZAKI, MASAHIRO	2,483,317		
YAN, CHUNHUA	2,483,497		
YANG, LIHU	2,483,752		
YANG, LIHU	2,483,843		
YANG, VUE X.	2,484,523		
YANNI, JOHN M.	2,483,275		
YE, MICHAEL	2,483,573		
YOKOYAMA, KOUJI	2,484,172		
YOKOYAMA, TOMONORI	2,483,504		
YOSHIDA, NAOYUKI	2,483,368		
YOU, CHEOL WOO	2,484,616		
YOU, JUN	2,484,287		
YU, GANG	2,483,650		
YU, PETER SUNG YAN	2,482,550		
YUEN, PO-WAI	2,484,582		
YUN, YOUNG WOO	2,484,616		
YUNGJIN PHARMACEUTICAL CO., LTD.	2,484,959		
YURA, HIROFUMI	2,484,453		
ZAJBER, ADOLF-GUSTAV	2,483,783		
ZALLER, DENNIS M.	2,484,631		
ZAVIALOV, ILIA A.	2,483,923		
ZHANG, FUCHENG	2,483,923		
ZHANG, JANE	2,485,025		
ZHANG, JI	2,483,830		
ZHANG, LI	2,478,547		
ZHANG, LINONG	2,481,719		

## **Index of PCT Applications Entering the National Phase**

# **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**

ANDERSON, CARL E.	2,484,203
BARCLAY, IAN J.	2,484,199
CAI, CHRISTOPHER CHUNSHENG	2,485,248
COOMBER, THOMAS L.	2,484,199
COTE, PIERRE	2,484,573
DOBRESKI, DAVID V.	2,484,199
FUJI PHOTO FILM CO., LTD.	2,485,526
GAGNON, STEVE	2,485,314
GRELIER, PATRICIA	2,484,573
GROSS, TODD M.	2,484,583
GRUNES, MITCHELL B.	2,486,467
HANEDA, NORIHISA	2,485,526
HUANG, PAO-TER	2,485,248
ITO, HIRONORI	2,485,547
JACKSON, PETER DOUGLAS	2,485,248
JANIK, JAROSLAV	2,485,248
KOKEN CO., LTD.	2,485,309
LECKO, JOHN H.	2,485,248
MAKISHIMA, SUGIO	2,485,526
MARSOLEK, GERALD G.	2,486,467
MASTROTOTARO, JOHN J.	2,484,583
MCLEOD, KATHLEEN M.	2,486,467
MEDTRONIC MINIMED INC	2,484,583
MINNESOTA MINING AND MANUFACTURING COMPANY	2,486,467
NAGOYA, MITSUGU	2,485,309
NAKAJIMA, NOBUYOSHI	2,485,526
NEC CORPORATION	2,485,547
OHTSUKA, SHUICHI	2,485,526
OTV OMNIUM DE TRAITEMENTS ET DE VALORISATION & ZENON ENVIRONMENTAL INC.	2,484,573
PACTIV CORPORATION	2,484,199
PENKAR, RAJAN CHANDRAKANT	2,485,248
PROVAN, ALEXANDER R.	2,484,199
ROBITAILLE, MARTIN	2,485,314
SCHWIETZ, JOSEPH E.	2,486,467
SERIZAWA, MASAHIRO	2,485,547
SHIN, JOHN	2,484,583
SHIOTA, KAZUO	2,485,526
SNYDER, JOSEPH P., JR.	2,485,248
TANAKA, HIROSHI	2,485,526
TAZI-PAIN, ANNIE	2,484,573
THOMAS, TOBY R.	2,484,199
UNITED PARCEL SERVICE OF AMERICA, INC.	2,485,248
VANDERPOOL, PETER J.	2,484,203
WURZ, RONALD C.	2,486,467
ZENON ENVIRONMENTAL INC.	2,484,573