

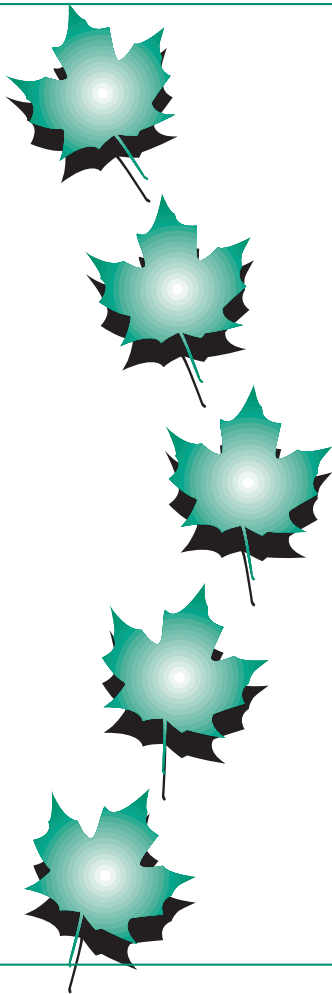


**Canadian  
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d'Industrie Canada



**The Patent  
Office  
Record**

**La Gazette  
du Bureau  
des brevets**

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Vol. 127, N° 30 le 27 juillet 1999

**Canada**



# THE PATENT OFFICE RECORD



# LA GAZETTE DU BUREAU DES BREVETS

M. Dougan  
Acting Commissioner of Patents

**The Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Hull, Canada, to whom all communications other than those concerning subscriptions or requests for single copies should be addressed.**

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

M. Dougan  
Commissaire intérimaire aux brevets

**La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Hull, Canada, à qui doit être adressée toute correspondance autre que les abonnements ou les commandes d'exemplaires séparés.**

**Le Bureau des brevets 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 .....	13
Canadian Laid-Open Applications	
Demandes canadiennes mises à la disponibilité du public .....	47
PCT Applications Entering the National Phase	
Demandes PCT entrant en phase nationale .....	89
Canadian Laid-Open Applications Previously Unavailable for Publishing	
Demandes canadiennes mises à la disponibilité du public non disponibles auparavant pour publication.....	139
Index of Canadian Patents Issued	
Index des brevets canadiens délivrés .....	141
Index of Canadian Laid-Open Applications	
Index des demandes canadiennes mises à la disponibilité du public .....	147
Index of PCT Applications Entering the National Phase	
Index des demandes PCT entrant en phase nationale .....	155
Index of Canadian Laid-Open Applications Previously Unavailable for Publishing	
Index des demandes canadiennes mises à la disponibilité du public non disponibles auparavant pour publication.....	163

## 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
  
- [43] - Date of publication by printing or similar process of an unexamined document on which no grant has taken place on or before the said 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'identification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

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

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
  
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la convention de Paris
  
- [43] - Date de publication, par impression ou par un procédé similaire, d'un document non examiné, n'ayant encore donné lieu à la délivrance d'aucun titre à la date en question ou avant
  
- [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] - Noms(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

## 2. Country Code

A complete list of country codes has been published in the issue of April 20, 1999 and will be published twice a year in the last issues of April and October.

## 3. Canadian Class Titles

A numerical index of the Canadian classification titles will be published in the first issue of January each year.

Anyone desirous of ascertaining what classes are directed to subject matter in which he/she has a particular interest may write to the Patent Office for such information. Related subject matter sometimes appears in different classes and could be missed by those not fully familiar with the classification system. It is also possible to obtain on request an alphabetical listing of subject matter titles for the various classes by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9.

## 4. Class Schedules and Definitions

A schedule (list of subclasses in a class) for any class listed on these pages may be purchased by writing to the Commissioner of Patents, Ottawa-Hull, Canada K1A 0C9. Definitions of the type of subject matter found in any class or subclass may be purchased for most of the classes. The cost of these individual schedules and definitions is 50¢ per page reproduced by the Patent Office.

Those wishing to purchase a complete set of schedules covering all classes, including the Subject Matter Index and separate listings of all class titles, may do so from Micromedia Limited at a cost of \$25 (98 frame microfiche), or \$200 (paper).

## 5. How to Purchase Paper or Microform-copies of Canadian Patents and Canadian Laid-Open Applications

### A) Paper Copies

Paper copies of Canadian Patents numbers 1 to 445,930 can be purchased at a cost of four dollars (\$4) per copy by writing to the Commissioner of Patents, Ottawa-Hull, K1A 0C9.

## 2. Code des pays

Une liste complète des codes de pays a été publiée dans le numéro du 20 avril 1999 et sera republiée deux fois par année dans le dernier numéro des mois de avril et d'octobre.

## 3. Liste des classes canadiennes

Un index numérique des titres de la classification canadienne sera publié dans le premier numéro de janvier, à chaque année.

Toute personne désirant savoir dans quelles classes sont classifiés les sujets auxquels il/elle porte un intérêt particulier peut se renseigner en écrivant au Bureau des brevets. Des sujets connexes peuvent parfois figurer dans des classes différentes et une personne qui ne serait pas complètement familière avec le système de classification pourrait omettre les classes. On peut également obtenir une liste alphabétique des titres des objets classifiés dans les différentes classes en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9.

## 4. Listes et définitions des classes

Il est possible d'acheter les listes des sous-classes pour chacune des classes énumérées dans ces pages en écrivant au Commissaire aux brevets, Ottawa-Hull, Canada K1A 0C9. Des définitions selon les sujets se trouvant dans chaque classe ou sous-classe peuvent aussi être achetées pour la plupart des classes. Les prix de ces listes et définitions individuelles est de 0,50 \$ par page reproduite par le Bureau des brevets.

Les personnes qui désirent acheter une série complète des listes couvrant toutes les classes, y compris l'index des sujets et listes distinctes de tous les titres de classes, doivent s'adresser à Micromedia Limited. Le prix est de 25 \$ pour des microfiches à 98 cadres d'image ou de 200 \$ pour des copies sur papier.

## 5. Comment acheter des copies sur papier ou en microforme de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

### A) Copies sur papier

Les copies sur papier des brevets canadiens, numéros 1 à 445,930, sont disponibles au coût de quatre dollars (4 \$) par copie, en écrivant au Commissaire aux brevets, Ottawa-Hull, K1A 0C9.

## Notices

Paper copies of all Canadian Patents and Canadian Laid-Open Applications can be purchased at a cost of eight dollars (\$8) per copy plus estimated postage and taxes. Copies of these patents are available by writing or calling: Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Toll Free for North America: 1-800-567-1914

E-mail: tic@micromedia.on.ca

### B) Microform Copies

Copies of Canadian Patents from number 445,931 to date and Canadian Laid-Open Applications from number 2,000,001 to date can be purchased from Micromedia Limited at a cost of \$4 each (98 frame microfiche).

Beginning with Canadian Patent number 986,651, annual collections may be purchased from Micromedia Limited in the following categories:

- Abstracts of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Cover pages, claims and drawings of Canadian Patents issued weekly in numerical order (98 frame microfiche).
- Full text of Canadian Patents issued weekly in numerical order (16 mm microfilm).

## 6. Orders for Patents By Class or Sub-Class

Micromedia Limited will fill standing orders for all Canadian patents issuing in any class or subclass. Patents issuing after the date of the order will be supplied. Annual fee for this service is \$150 per class.

The charge of eight dollars (\$8) per paper copy or the charge of four dollars (\$4) per microfiche copy plus postage and taxes will apply for copies of all patents supplied.

Those wishing to use the service should open a deposit account with Micromedia Limited, 240 Catherine Street, Suite 305, Ottawa, Ontario, Canada, K2P 2G8, Telephone (613) 237-4250, Facsimile (613) 237-4251.

Les copies sur papier de tous les brevets canadiens et des demandes canadiennes mises à la disponibilité du public sont disponibles au coût de huit dollars (8 \$) par copie, plus l'affranchissement et les taxes. Il suffit d'écrire à Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

Numéro sans frais Amérique du Nord: 1-800-567-1914

Courriel: tic@micromedia.on.ca

### B) Copies en microforme

Les copies des brevets canadiens à partir du numéro 445,931 et des demandes canadiennes mises à la disponibilité, du public à partir du numéro 2,000,001 sont disponibles chez Micromedia Limited au coût de 4 \$ chacune (microfiche à 98 cadres d'image).

On peut également se procurer auprès de Micromedia Limited, à partir du numéro de brevet 986,651, des séries annuelles dans les catégories suivantes:

- Précis de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Pages couvertures, revendications et dessins de brevets canadiens délivrés chaque semaine par ordre numérique (microfiche à 98 cadres d'image).
- Exemplaires complets de brevets canadiens délivrés, chaque semaine, par ordre numérique (microfilm 16 mm).

## 6. Commandes de brevets par classe ou sous-classe

Micromedia Limited exécutera les commandes permanentes pour tous les brevets délivrés dans toute classe ou sous-classe. Les brevets délivrés après la date de la commande seront fournis. Le tarif annuel de ce service est de 150 \$ par classe.

La somme de huit dollars (8 \$) pour chaque copie reproduite sur papier ou la somme de quatre (4 \$) pour chaque copie reproduite sur microfiche, plus les frais de poste et les taxes sont exigibles pour chaque exemplaire de brevet fourni.

Les personnes intéressées à prendre avantage de ce service sont invitées à ouvrir un compte de dépôt avec Micromedia Limited, 240 rue Catherine, pièce 305, Ottawa (Ontario), Canada, K2P 2G8, ou de composer le numéro (613) 237-4250, Télécopieur (613) 237-4251.

## Avis

Toll Free for North America: 1-800-567-1914

Numéro sans frais Amérique du Nord: 1-800-567-1914

E-mail: tic@micromedia.on.ca

Courriel: tic@micromedia.on.ca

A listing of all patents that have issued in each class or subclass, including both patents in force and expired patents, may be ordered at a price of 50¢ per page from the Patent Office.

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expirés, peuvent être commandées auprès du Bureau des brevets au prix de 0,50 \$ la page.

### 7. 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-Hull, 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.

### 7. 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-Hull, 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.

### 8. 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-Hull, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

### 8. 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-Hull, 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.

#### 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.

#### 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.

### 9. Patents Available for Licence or Sale

An asterisk (\*) placed beside any patent listed in this issue of the 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 under in part 10 of these notices.

### 9. 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.

## Notices

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

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

1,340,677  
2,009,780  
2,103,134  
2,122,782  
2,211,807

### 11. Expired Patents

For patent applications filed before October 1, 1989, the life of a Canadian patent is 17 years. Consequently all Canadian patents up to and including No. 1,128,700 which issued on July 27, 1982 have now expired. The inventions covered by these and all earlier patents may now be used by the public in Canada provided other unexpired patents are not infringed.

### 12. Laid-Open Applications

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.

### 13. 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. 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.

1,340,677  
2,009,780  
2,103,134  
2,122,782  
2,211,807

### 11. Brevets expirés

Pour toutes les demandes de brevet déposées avant le 1er octobre 1989, la durée d'un brevet canadien est de 17 ans. Par conséquent, tous les brevets canadiens qui ont été délivrés le 27 juillet 1982 sont maintenant expirés, jusque et y compris le no. 1,128,700. Les inventions faisant l'objet de ces brevets et de tout brevet antérieur peuvent maintenant être utilisées par le public au Canada, pourvu qu'il n'y ait pas contre façon d'autres brevets non expirés.

### 12. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposées 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.

### 13. Langue du document publié

Toute personne intéressée d'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.



## 14. 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, Vol. I; No. 93 and 230).

### Patent Cooperation Treaty (PCT)

Copies of the Patent Cooperation Treaty Applicants Guide and the Patent Cooperation Treaty & Regulations are available from WIPO at a cost of \$140.00 US or 200 Swiss Francs and \$15.00 US or 18 Swiss Francs, respectively. Those wishing for further information including prices for both previous and current subscriptions should contact WIPO -World Intellectual Property Organization 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 website at <http://www.wipo.int>.

### New Member State

On August 7, 1999, **Dominica** (country code: **DM**) will become the 102nd contracting State of the PCT at both the Chapter I and II levels.

### New Member State

On September 14, 1999, **Tanzania** (country code: **TZ**) will become the 103rd contracting State of the PCT at both the Chapter I and II levels.

## 14. Avis PCT

### Exigences des signatures du PCT

Veillez 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 - PCT, Vol. I, no. 93 et 230).

### Traité de Coopération en matière de brevets (PCT)

Des copies du Guide du déposant - PCT ainsi que du Traité et des Règlements sont disponibles auprès de l'OMPI au coût de 140 \$ EU ou 200 francs suisses et 15 \$ EU ou 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 - Organisation mondiale de la propriété intellectuelle 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>.

### Nouveau État Membre

Le 7 août 1999, **Dominique** (code du pays: **DM**) deviendra le 102ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

### Nouveau État Membre

Le 14 septembre 1999, **Tanzanie** (code du pays: **TZ**) deviendra le 103ième pays membre des États contractants du PCT au niveau des Chapitres I et II.

## Notices

### 15. Patent Cooperation Treaty (PCT)

#### SCHEDULE OF FEES APPLICABLE AS OF JULY 15, 1999

FEES	AMOUNTS \$
1. <b>Transmittal Fee:</b> (Rule 14)	200.00
2*. <b>Basic Fee:</b> (Rule 15.2(a))	641.00
Amount for each additional sheet over 30	15.00
3. <b>Designation Fee:</b> (Rule 15.2(a))	148.00
The maximum that can be charged for the Designation Fee is \$1,480.00; therefore, if more than 10 countries are designated the fee remains \$1,480.00	

**4. International Search Fee** 1,874.00  
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 Officer). If the International Application does not contain a priority claim, the Designation Fee is due within one year from the International Filing Date. These fees are to be paid in Canadian dollars and made payable to the Receiver General of 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: Basic Fee

#### Preliminary Examination

**6. Handling Fee:** 289.46 Deutsche Marks  
(Rule 57.2(a)) 148 Euro Dollars

**7. Preliminary Examination Fee:** 2,998.29 Deutsche Marks  
(Rule 58) 1,533.00 Euro Dollars

The Preliminary Examination Fees are paid in Deutsche Marks and are payable directly to the European Patent Office in Munich.

\* International fees will be reduced by \$197.00 for all applications filed using PCT-Easy.

### 15. Traité de coopération en matière de brevets (PCT)

#### BARÈME DE TAXES À PARTIR DU 15 JUILLET 1999

TAXES	MONTANTS \$
1. <b>Taxe de transmission:</b> (Règle 14)	200,00
2*. <b>Taxe de base:</b> (Règle 15.2(a))	641,00
Montant pour chaque feuille au delà de 30	15,00
3. <b>Taxe de désignation</b> (par pays) (Règle 15.2(a))	148,00
Le maximum payable pour la taxe de désignation est de 1 480,00 \$; donc, si plus que 10 pays sont désignés, la taxe demeure 1 480,00 \$.	

**4. Taxe de recherche internationale** 1 874,00  
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). Si la demande ne contient pas de revendication de priorité, la taxe de désignation est due dans un délai d'un an à compter de la date du dépôt de la demande internationale. Les taxes doivent être payées en dollars canadien et sont payables au Receveur Générale 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:** 289,46 marks allemands  
(Règle 57.2(a)) 148,00 dollars euro

**7. Taxe d'examen préliminaire:** 2 998,29 marks allemands  
(Règle 58) 1533,00 dollars euro

Les taxes d'examen préliminaire sont payables directement au Bureau Européen des brevets à Munich en marks allemands.

\*Les frais seront réduits par 197,00 \$ pour toutes les demandes déposées en utilisant PCT-Easy.

## Avis

### 16. Amendments to the Industrial Design Rules

Notice is hereby given that on June 23, 1999, the Special Committee of Council approved for pre-publication the amendments to the *Industrial Design Rules* (CRC, c. 964).

These amendments clarify conditions for electronically filing industrial design applications and communicating a number of other documents to the Industrial Design Office. They also specify when documents will be considered received by the Office.

The proposed amendments have been published in Part I of the *Canada Gazette* on July 3, 1999. In addition, an extract of the *Canada Gazette* containing the proposed amendments, as well as the Regulatory Impact Analysis Statement, can be accessed on the Canadian Intellectual Property Office Web site at:

<http://cipo.gc.ca>

The consultation period of 30 days starts with the date of pre-publication on July 3, 1999.

You may obtain a copy of the *Canada Gazette* (No. 27, Vol. 133) by contacting Canada Gazette, Canadian Government Publishing Centre, Government Services Canada, Ottawa, Ontario, K1A 0S9, (613) 956-4802.

### 17. Amendments to the Patent Rules and the Trade-marks Regulations

Notice is hereby given that, on June 23, 1999, the Governor in Council approved amendments to the *Patent Rules* and the *Trade-marks Regulations* pertaining to electronic commerce.

These amendments provide clarification on the manner in which documents are submitted to and when they are considered received by the Canadian Intellectual Property Office. They enable electronic commerce by clarifying the rules concerning electronic transmission of documents, including by facsimile.

### 16. Modifications aux Règles sur les dessins industriels

Avis est, par la présente, donné qu'en date du 23 juin 1999, le Comité spécial du Conseil a approuvé, pour publication préalable, les modifications aux *Règles sur les dessins industriels* (CRC, c. 964)

Les modifications précisent la marche à suivre pour le dépôt électronique des demandes de dessins industriels et la communication de certains autres documents au Bureau des dessins industriels. Elles précisent également la date à laquelle la correspondance sera réputée avoir été reçue au Bureau.

La proposition de modifications a été publiée dans la Partie I de la *Gazette du Canada* le 3 juillet 1999. De plus, l'extrait de la *Gazette du Canada* comportant sur les modifications proposées, ainsi que le Résumé de l'étude d'impact de la réglementation, sont accessibles sur le site Web de l'Office de la propriété intellectuelle du Canada:

<http://opic.gc.ca>

La période de consultation de 30 jours débute à la date de la publication préalable, soit le 3 juillet 1999.

Vous pouvez vous procurer un exemplaire de la *Gazette du Canada* (No. 27, Vol. 133) en vous adressant à : Gazette du Canada, Centre d'édition du gouvernement du Canada, Services gouvernementaux Canada, Ottawa (Ontario), K1A 0S9, (613) 956-4802.

### 17. Modifications aux Règles sur les brevets et au Règlement sur les marques de commerce

Avis est, par la présente, donné qu'en date du 23 juin 1999, le gouverneur en conseil a approuvé des modifications aux *Règles sur les brevets* et au *Règlement sur les marques de commerce* relativement au commerce électronique.

Ces modifications apportent des précisions sur la façon dont les documents sont soumis et la date à laquelle ils sont considérés reçus à l'Office de la propriété intellectuelle du Canada. Elles visent à faciliter le commerce électronique en clarifiant les règles concernant la transmission électronique de documents, y compris par télécopieur.

## Notices

The above-mentioned amendments were published in Part II of the *Canada Gazette*, Volume 133, No. 14, SOR/99-291 and SOR/99-292 on July 7, 1999. You may obtain a copy of this publication by contacting the Canada Gazette, Canadian Government Publishing Centre, Government Services Canada, Ottawa, Ontario, K1A 0S9 (613) 956-4802.

Amendments can be also be accessed on the Canadian Intellectual Property Office Web site at:

<http://cipo.gc.ca>

### 18. Modified Correspondence Procedures

*The following is in correction of, and replaces the information contained in Notice number 19 of the issues of March 30, April 6, and April 13, 1999, as well as the notice entitled "Regional Offices: Drop-off and publications" in the July 6, 1999 issue of the Canadian Patent Office Record.*

For the purposes of subsection 5(2) of the *Patent Rules*, subsection 3(2) of the *Trade-marks Regulations (1996)*, paragraph 2(2)(a) of the *Copyright Regulations*, paragraph 3(2)(a) of the *Industrial Design Rules* and paragraph 3(2)(a) of the *Integrated Circuit Topography Regulations*, the address for 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 is:

Canadian Intellectual Property Office  
Place du Portage I, 3rd Floor  
50 Victoria Street  
Hull, Quebec  
K1A 0C9  
Tel: (819) 997-1727

**Effective April 1, 1999**, for the purposes of subsection 5(4) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations (1996)*, paragraph 2(2)(b) of the *Copyright Regulations*, paragraph 3(2)(b) of the *Industrial Designs Rules* and paragraph 3(2)(b) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or 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) The Registered Mail Service of Canada Post

Les modifications susmentionnées ont été publiées dans la Partie II de la *Gazette du Canada*, Volume 133, no. 14, DORS/99-291 et DORS/99-292, le 7 juillet 1999. Vous pouvez obtenir un exemplaire de cette publication en vous adressant à la Gazette du Canada, Centre d'édition du gouvernement du Canada, Services gouvernementaux Canada, Ottawa (Ontario), K1A 0S9 (613) 956-4802.

Les modifications sont également accessibles sur le site Web de l'Office de la propriété intellectuelle du Canada:

<http://opic.gc.ca>

### 18. Modification des procédures concernant la correspondance

*Cet avis rectifie et remplace les informations erronées publiées dans l'avis 19 des numéros des 30 mars, 6 avril et 13 avril 1999 ainsi que dans l'avis du 6 juillet 1999 intitulé "Bureaux régionaux: Réception et documentation" parus dans la Gazette du bureau des brevets.*

Aux fins du paragraphe 5(2) des *Règles sur les brevets*, du paragraphe 3(2) du *Règlement sur les marques de commerce*, de l'alinéa 2(2)(a) du *Règlement sur le droit d'auteur*, de l'alinéa 3(2)(a) des *Règles sur les dessins industriels* et de l'alinéa 3(2)(a) 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 faisant partie du bureau du commissaire aux brevets et du Bureau du registraire des topographies :

Office de la propriété intellectuelle du Canada  
Place du Portage I, 3e étage  
50, rue Victoria  
Hull (Québec)  
K1A 0C9  
Tél. : (819) 997-1727

**À compter du 1er avril 1999**, aux fins du paragraphe 5(4) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce (1996)*, de l'alinéa 2(2)(b) du *Règlement sur le droit d'auteur*, de l'alinéa 3(2)(b) des *Règles sur les dessins industriels* et de l'alinéa 3(2)(b) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux suivants constituent les endroits désignés où peut être livrée la correspondance destinée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies :

- 1) Service du courrier recommandé de la Société canadienne des postes

## Avis

- |   |  |
|---|--|
| <p>2) Industry Canada<br/>Journal Tower South<br/>365 Laurier Avenue West<br/>Ground Floor<br/>Ottawa, Ontario K1A 0C8<br/>Tel.: (613) 990-4582</p> | <p>2) Industrie Canada<br/>Immeuble Journal Sud<br/>365, avenue Laurier Ouest<br/>Rez-de-chaussée<br/>Ottawa (Ontario) K1A 0C8<br/>Tél. : (613) 990-4582</p> |
| <p>3) Industry Canada<br/>5 Place Ville-Marie<br/>Suite 700<br/>Montreal, Quebec H3B 2G2<br/>Tel.: (514) 496-1797</p>                               | <p>3) Industrie Canada<br/>5, Place Ville-Marie<br/>Bureau 700<br/>Montréal (Québec) H3B 2G2<br/>Tél. : (514) 496-1797</p>                                   |
| <p>4) Industry Canada<br/>151 Yonge Street, 4th Floor<br/>Toronto, Ontario M5C 2W7<br/>Tel.: (416) 973-5000</p>                                     | <p>4) Industrie Canada<br/>151, rue Yonge, 4e étage<br/>Toronto (Ontario) M5C 2W7<br/>Tél. : (416) 973-5000</p>  |
| <p>5) Industry Canada<br/>Canada Place<br/>9700 Jasper Avenue, Suite 540<br/>Edmonton, Alberta T5J 4C3<br/>Tel.: (403) 495-4782</p>                 | <p>5) Industrie Canada<br/>Place du Canada<br/>9700, avenue Jasper, bureau 540<br/>Edmonton (Alberta) T5J 4C3<br/>Tél. : (403) 495-4782</p>                  |
| <p>6) Industry Canada<br/>Library Square<br/>300 West Georgia Street, Suite 2000<br/>Vancouver, B.C. V6B 6E1<br/>Tel.: (604) 666-5000</p>           | <p>6) Industrie Canada<br/>Library Square<br/>300, rue Georgia Ouest, bureau 2000<br/>Vancouver (Colombie-Britannique) V6B 6E1<br/>Tél. : (604) 666-5000</p> |

In accordance with the above and recent amendments to the correspondence provisions of the *Patent Rules and Trade-marks Regulations (1996)*:

Conformément à ce qui précède et aux récents amendements des *Règles sur les brevets* et du *Règlement sur les marques de commerce (1996)* relativement à la correspondance :

- Mail intended for the Patent Office or the Office of the Registrar of Trade-marks and delivered, during business hours, to CIPO's offices in Hull will be accorded the date of reception by CIPO. **Effective June 23, 1999**, mail intended for the Patent Office or the Office of the Registrar of Trade-marks and delivered, during business hours, to one of Industry Canada's regional offices listed above, will be considered to be received on the date of reception in that office, only if it is also a day on which CIPO's offices in Hull are open. Mail delivered to a regional office on a day when CIPO's offices in Hull are closed will be considered to be received on the next working day for CIPO. If, for example, mail intended for the Patent Office is delivered to Industry Canada's regional office in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO's offices in Hull are closed. Mail delivered to regional offices outside of Quebec on June 24 will be considered to be received on the next working day for CIPO.
- Le courrier destiné au Bureau des brevets et au Bureau du registraire des marques de commerce et livré, durant les heures d'ouverture, aux bureaux de l'OPIC à Hull se verra attribuer la date de réception à cet endroit. **À compter du 23 juin 1999**, le courrier destiné à ces deux Bureaux et livré, durant les heures d'ouverture, à un des bureaux régionaux d'Industrie Canada figurant sur la liste plus haut, se verra attribuer la date de réception au bureau régional en question, si et seulement si, à cette date, les bureaux de l'OPIC sont ouverts à Hull. Si à cette date, les bureaux à Hull sont fermés, le courrier livré aux bureaux régionaux se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin au bureau régional d'Industrie Canada à Toronto ne se verra pas attribuer la date de réception du 24 juin puisque les bureaux à Hull sont fermés à cette date. Donc, le courrier livré le 24 juin aux bureaux régionaux à l'extérieur du Québec aura comme date de réception à l'OPIC la date du prochain jour ouvrable.

## Notices

- **Effective June 23, 1999**, mail intended for the Patent Office or the Office of the Registrar of Trade-marks and delivered through Canada Post's Registered Mail Service will be considered to be received on the date stamped on the envelope by Canada Post Corporation, if it is also a day on which CIPO's offices in Hull are open. If the date stamp on the Registered Mail is a day when CIPO's offices in Hull are closed, the mail will be considered to be received on the next working day for CIPO.
- Mail intended for the Copyright Office, the industrial design section of the office of the Commissioner of Patents or the Office of the Registrar of Topographies and delivered, during business hours, to CIPO's offices in Hull or to one of Industry Canada's regional offices listed above, will continue to be considered received on the date of reception in that office.
- Mail intended for the Copyright Office, the industrial design section of the office of the Commissioner of Patents or the Office of the Registrar of Topographies and delivered through Canada Post's Registered Mail Service will be considered to be received on the date stamped on the envelope by Canada Post Corporation.
- **À compter du 23 juin 1999**, le courrier destiné au Bureau des brevets ou au Bureau du registraire des marques de commerce et livré par courrier recommandé, service offert aux comptoirs postaux de la Société canadienne des postes, se verra attribuer la date timbrée sur l'enveloppe par la Société canadienne des postes, à condition qu'à cette date les bureaux à Hull soient ouverts. Si les bureaux à Hull sont fermés, le courrier se verra attribuer comme date de réception à l'OPIC la date du prochain jour ouvrable.
- Le courrier destiné au Bureau du droit d'auteur, à la section des dessins industriels faisant partie du bureau du commissaire aux brevets ou au Bureau du registraire des topographies et livré, durant les heures d'ouverture, aux bureaux de l'OPIC à Hull ou à un des bureaux régionaux d'Industrie Canada figurant sur la liste plus haut, continuera de se voir attribuer la date de réception à ce bureau.
- Le courrier destiné au Bureau du droit d'auteur, de la section des dessins industriels faisant partie du bureau du commissaire aux brevets ou au Bureau du registraire des topographies et livré par courrier recommandé, service offert aux comptoirs postaux de la Société canadienne des postes, se verra attribuer la date timbrée sur l'enveloppe par la Société canadienne des postes.

General information may be obtained at CIPO Headquarters in Hull, Quebec:

Telephone: (819) 997-1936  
Facsimile: (819) 953-7620  
Internet: <http://cipo.gc.ca>

### 19. Lay-Open Applications

The Patent Office Record of July 27, 1999 contains laid-open applications from June 13 to June 19, 1999.

Des renseignements généraux peuvent être obtenus à l'administration centrale de l'OPIC, à Hull (Québec).

Téléphone : (819) 997-1936  
Télécopieur : (819) 953-7620  
Internet : <http://opic.gc.ca>

### 19. Demandes Canadiennes mises à la disponibilité du public

Ce numéro de la Gazette des brevets du Canada contient les demandes disponibles au public pour consultation pour la période du 13 juin au 19 juin 1999.

## Avis

# Canadian Patents Issued

July 27, 1999

## Brevets canadiens délivrés

27 juillet 1999

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[11] **1,340,673**  
[13] C

[52] 343-79  
[51] **Int.Cl. 6G05D 1/04 6F41G 7/00 6F42B 15/01**  
[25] EN  
[54] **CONTROL OF THE HEIGHT OF GUIDABLE FLYING BODIES**  
[54] **METHODE ET APPAREIL SERVANT A COMMANDER L'ALTITUDE D'UN OBJET VOLANT GUIDE**  
[72] McIlroy, James William, IE  
[73] **SHORT BROTHERS LIMITED, IE**  
[21] **242,975**  
[22] 1976-01-06  
[30] GB (1151/75) 1975-01-10

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[11] **1,340,674**  
[13] C

[52] 195-1.22 150-8.5 195-1.20 195-1.30 530-13.00  
[51] **Int.Cl. 6C12N 15/21 6C12Q 1/68 6C07H 21/04 6C07K 14/56**  
[25] EN  
[54] **ISOLATION OF A NOVEL INTERFERON GENE AND EXPRESSION THEREOF**  
[54] **ISOLATION D'UN NOUVEAU GENE D'INTERFERON ET SON EXPRESSION**  
[72] Bollon, Arthur Peter, US  
[72] Fuke, Motohiro, US  
[72] Torczynski, Richard Michael, US  
[73] **WADLEY TECHNOLOGIES, INC., US**  
[21] **473,972**  
[22] 1985-02-08  
[30] US (579,024) 1984-02-10  
[30] US (626,591) 1984-07-03

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[11] **1,340,675**  
[13] C

[52] 195-1.22 150-8.5 195-1.235  
[51] **Int.Cl. 6C12N 15/40 6C12Q 1/68 6C12Q 1/70**  
[25] EN  
[54] **VACCINES AND DIAGNOSTICS DERIVED FROM BOVINE DIARRHEA VIRUS**  
[54] **VACCINS ET DIAGNOSTICS DERIVES DU VIRUS DE LA DIARRHEE BOVINE**  
[72] Renard, Andre, BE  
[72] Dina, Dino, US  
[72] Martial, Joseph, BE  
[73] **Region Wallonne, BE**  
[73] **Chiron Corporation, US**  
[21] **513,222**  
[22] 1986-07-07  
[30] US (752,981) 1985-07-08

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[11] **1,340,676**  
[13] C

[52] 195-1.22 195-1.33 195-1.39 195-134  
[51] **Int.Cl. 6C12N 15/54 6C12P 13/04 6C12N 1/21**  
[25] EN  
[54] **CLONING AND USE OF THE TRANSAMINASE GENE *ilvE***  
[54] **CLONAGE ET UTILISATION DU GENE *ilvE* DE LA TRANSAMINASE**  
[72] Marquardt, Rudiger, DE  
[72] Then, Johann, DE  
[72] Deger, Hans-Matthias, DE  
[72] Wohner, Gerhard, DE  
[72] Robinson, Martyn K., GB  
[72] Doherty, Andrew (deceased), GB  
[73] **HOECHST AKTIENGESELLSCHAFT, DE**  
[21] **550,516**  
[22] 1987-10-28  
[30] DE (36 36 722.2) 1986-10-29

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[11] \* **1,340,677**  
[13] C

[52] 153-15  
[51] **Int.Cl. 6B21D 7/00**  
[25] EN  
[54] **METHOD FOR BENDING OF PIPES USING PROCEDURE OF HEATING WITH FLAME FOLLOWED BY COOLING WITH WATER**  
[54] **METHODE POUR LE PLIAGE DE TUYAUX, UTILISANT UN PROCEDE DE CHAUFFAGE A LA FLAMME ET DE REFROIDISSEMENT A L'EAU**  
[72] Voiculescu, Romeo Titel, CA  
[73] **Voiculescu, Romeo Titel, CA**  
[21] **571,205**  
[22] 1988-07-06

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[11] **1,340,678**  
[13] C

[52] 195-101 167-5.7 167-202 260-227  
[51] **Int.Cl. 6C12P 19/62 6C07H 19/01**  
[25] EN  
[54] **ANTIPARASITIC AVERMECTIN DERIVATIVES**  
[54] **DERIVES DE L'AVERMECTINE, ANTIPARASITAIRES**  
[72] Dutton, Christopher James, GB  
[72] Gibson, Stephen Paul, GB  
[72] Lee, Shih-Jen Edward, GB  
[21] **582,721**  
[73] **PFIZER LIMITED, GB**  
[22] 1988-11-10  
[30] GB (8726730) 1987-11-14



Canadian Patents Issued  
July 27, 1999

[11] 1,340,679  
[13] C

[52] 260-321.5 8-87  
[51] Int.Cl. 6C07D 209/48 6C07D 209/66  
**6D06L 3/02**  
[25] EN  
[54] **IMIDE-AROMATIC PEROXYACIDS**  
[54] **PEROXYACIDES IMIDOAROMATIQUES**  
[72] Venturello, Carlo, IT  
[72] Cavallotti, Claudio, IT  
[73] AUSIMONT S.r.l., IT  
[21] **588,844**  
[22] 1989-01-20  
[30] IT (19132 A/88) 1988-01-20

[11] 1,340,680  
[13] C

[52] 260-321.5 8-87  
[51] Int.Cl. 6C07D 209/48 6C07D 209/66  
**6D06L 3/02**  
[25] EN  
[54] **IMIDE-AROMATIC PEROXYACIDS AS BLEACHING AGENTS**  
[54] **PEROXYACIDES IMIDOAROMATIQUES, AGENTS DE BLANCHIMENT**  
[72] Venturello, Carlo, IT  
[72] Cavallotti, Claudio, IT  
[72] Burzio, Fulvio, IT  
[73] AUSIMONT S.r.l., IT  
[21] **588,845**  
[22] 1989-01-20  
[30] IT (19131 A/88) 1988-01-20

[11] 1,340,681  
[13] C

[52] 530-5.1 167-103.05 167-103.8 167-300 530-5.08  
[51] Int.Cl. 6C07K 5/103 6C07K 5/083  
**6A61K 38/07 6A61K 38/06**  
[25] EN  
[54] **ANTIHERPES TETRAPEPTIDES HAVING A SUBSTITUTED ASPARTIC ACID SIDE CHAIN**  
[54] **TETRAPEPTIDES ANTIHERPETIQUES, A CHAINE LATERALE CONSTITUEE D'ACIDE ASPARTIQUE AVEC SUBSTITUTION**  
[72] Adams, Julian, CA  
[72] Beaulieu, Pierre Louis, CA  
[72] Deziel, Robert, CA  
[73] BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER INGELHEIM (CANADA) LTEE., CA  
[21] **605,061**  
[22] 1989-07-07

[11] 1,340,682  
[13] C

[52] 530-7.06 167-103.8 167-300 530-5.08 530-5.1  
[51] Int.Cl. 6C07K 7/06 6C07K 5/103  
**6C07K 5/83 6A61K 38/08 6A61K 38/07**  
[25] EN  
[54] **ANTIVIRAL PEPTIDES HAVING A 2-OXOALKYL AMINO ACID SIDE CHAIN**  
[54] **PEPTIDES ANTIVIRAUX A CHAINE LATERALE CONSTITUEE D'UN AMINOACIDE 2-OXOALKYLE**  
[72] Beaulieu, Pierre Louis, CA  
[72] Deziel, Robert, CA  
[72] Lavallee, Pierre, CA  
[73] BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER INGELHEIM (CANADA) LTEE., CA  
[21] **605,062**  
[22] 1989-07-07  
[60] 1990-06-14

[11] 1,340,683  
[13] C

[52] 530-7.06 167-103.8 167-300  
[51] Int.Cl. 6C07K 7/06 6A61K 38/08  
[25] EN  
[54] **ANTIHERPES PENTAPEPTIDES HAVING A SUBSTITUTED ASPARTIC ACID SIDE CHAIN**  
[54] **PENTAPEPTIDES ANTIHERPETIQUES, A CHAINE LATERALE CONSTITUEE D'ACIDE ASPARTIQUE AVEC SUBSTITUTION**  
[72] Adams, Julian, CA  
[72] Beaulieu, Pierre Louis, CA  
[72] Deziel, Robert, CA  
[72] DiMaio, John, CA  
[72] Grenier, Louis, CA  
[72] Lavallee, Pierre, CA  
[73] BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER INGELHEIM (CANADA) LTEE., CA  
[21] **605,091**  
[22] 1989-07-07

[11] 1,340,684  
[13] C

[52] 530-7.06 167-103.05 167-103.8 530-5.1  
[51] Int.Cl. 6C07K 7/06 6C07K 5/103  
**6A61K 38/08 6A61K 38/07**  
[25] EN  
[54] **ANTIHERPES PENTAPEPTIDES**  
[54] **PENTAPEPTIDES ANTIHERPETIQUES**  
[72] Adams, Julian, CA  
[72] Beaulieu, Pierre Louis, CA  
[72] Lavallee, Pierre, CA  
[72] Plante, Raymond, CA  
[72] Rakhit, Sumanas, CA  
[73] BOEHRINGER INGELHEIM (CANADA) LTD./BOEHRINGER INGELHEIM (CANADA) LTEE., CA  
[21] **605,092**  
[22] 1989-07-07

[11] 1,340,685  
[13] C

[52] 195-1.22 195-1.235 195-1.33  
[51] Int.Cl. 6C12N 15/56 6C12N 9/24  
[25] EN  
[54] **DNA SEQUENCES ENCODING POLYPEPTIDES HAVING BETA-1,3-GLUCANASE ACTIVITY**  
[54] **SEQUENCES D'ADN CODANT DES POLYPEPTIDES POSSEDANT UNE ACTIVITE DE BETA-1,3-GLUCANASE**  
[72] Meins, Frederick, CH  
[72] Shinshi, Hideaki, JP  
[72] Wenzler, Herman C., US  
[72] Hofsteenge, Jan, CH  
[72] Ryals, John, US  
[72] Sperisen, Christoph, CH  
[73] NOVARTIS AG, CH  
[21] **606,786**  
[22] 1989-07-27  
[30] US (226,303) 1988-07-29  
[30] US (353,312) 1989-05-17

**Brevets canadiens délivrés  
27 juillet 1999**

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[11] **1,340,686**  
[13] C

[52] 400-9050 400-905.3  
[51] **Int.Cl. 6C08L 31/02 6C08L 33/08  
6C08L 35/02 6C08K 3/00**  
[25] EN  
[54] **ETHYLENE VINYL ACETATE  
POLYMERS FOR LATEX CAULKS  
POLYMERES D'ETHYLENE ET  
D'ACETATE DE VINYLE POUR  
CALFEUTRANT AU LATEX**  
[72] Walker, James L., US  
[72] Mudge, Paul R., US  
[73] National Starch and Chemical  
Corporation, US  
[21] **613,511**  
[22] 1989-09-27  
[30] US (264,102) 1988-10-28

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[11] **1,340,687**  
[13] C

[52] 75-101 75-165  
[51] **Int.Cl. 6C22C 38/30 6C22C 38/10  
6C22C 38/12 6B22F 3/10**  
[25] EN  
[54] **SINTERED FE-CO TYPE  
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PRODUCTION PROCESS THEREOF  
[54] MATERIAUX MAGNETIQUES  
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[54] **DIGITAL OVERSPEED  
CONTROLLER FOR USE IN A VITAL  
PROCESSING SYSTEM  
[54] CONTROLEUR DE SURVITESSE  
NUMERIQUE POUR SYSTEME DE  
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[54] **IMPROVED PROCESS FOR THE  
PRODUCTION OF PHENOL-  
HYDROCARBON RESINS  
[54] PROCEDE AMELIORE DE  
FABRICATION DE RESINES A BASE  
DE COMPOSES PHENOLIQUES**  
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[73] Dow Chemical Company (The), US  
[22] 1989-11-10  
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[13] C

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ATOMIZING LIQUID SPRAY COATING  
APPARATUS  
[54] DISPOSITIF TOURNANT DE  
PISTOLAGE ELECTROSTATIQUE**  
[72] Wacker, Robert L., US  
[72] Shuster, Donald E., US  
[72] Sharpless, John, US  
[72] Knobbe, Alan J., US  
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[51] **Int.Cl. 6E02D 5/36**  
[25] EN  
[54] **A REINFORCED CONCRETE  
LOAD-BEARING PILE WITH MULTI-  
BRANCHES AND ENLARGED  
FOOTINGS AND MEANS FOR  
FORMING THE PILE  
[54] UN PIEU EN BETON ARME  
PORTEUR DE CHARGE, A RACCORDS  
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FORTES DIMENSIONS**  
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[25] EN  
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THEIR USE AS FUNGICIDES  
[54] SUCCEDANES DE THIAZOLE ET  
LEUR EMPLOI COMME FONGICIDES**  
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[72] Pratt, John Kennedy, US  
[72] Srouji, Gabriel Hanna., US  
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GAZ POLLUE  
[54] APPARATUS FOR WASHING  
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[73] Air Industrie Systemes, FR  
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[13] C

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[54] **CERAMIC CASE CAPACITOR  
[54] CONDENSATEUR A BOITIER EN  
CERAMIQUE**  
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[51] **Int.Cl. 6A61B 17/10**  
[25] EN  
[54] **SURGICAL FASTENER  
CARTRIDGE WITH IMPROVED BODY  
TISSUE CUTTING KNIFE ASSEMBLY**  
[54] **CARTOUCHE D'AGRAFES  
CHIRURGICALES AVEC LAMES  
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POUR SEPARATEUR-SURCHAUFFEUR  
DE VAPEUR HORIZONTAL**  
[54] **BOASTING BANK FOR A  
HORIZONTAL VAPOR SEPARATOR-  
SUPERHEATER**  
[72] Charbonnel, Alain, FR  
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[13] C

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[25] EN  
[54] **AN EXTRACTION PROCESS AND  
APPARATUS TO REMOVE PCB'S  
FROM SOIL AND SLUDGE**  
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BPC DANS LE SOL ET LES BOUES**  
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3/08**  
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[54] **METHOD OF PRODUCING  
MAXIMUM ENERGY FLOWS**  
[54] **METHODE DE PRODUCTION DE  
FLUX D'ENERGIE MAXIMALE**  
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[25] EN  
[54] **APPARATUS FOR MOUNTING A  
TISSUE ROLL AND DISPENSING A  
FLOWABLE SUBSTANCE**  
[54] **SUPPORT D'ESSUIE-TOUT  
COMBINE A UNE DISTRIBUTION DE  
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[72] Mitchell, Joseph, US  
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[51] **Int.Cl. 6C12N 15/82 6A01H 5/00  
6C12N 1/21**  
[25] EN  
[54] **POTATOE TUBER SPECIFIC  
TRANSCRIPTIONAL REGULATION**  
[54] **REGULATION  
TRANSCRIPTIONNELLE SPECIFIQUE  
DES TUBERCULES DE POMMES DE  
TERRE**  
[72] Rocha-Sosa, Mario, MX  
[72] Sonnewald, Uwe, DE  
[72] Frommer, Wolf-Bernd, DE  
[72] Willmitzer, Lothar, DE  
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[25] EN  
[54] **MOLDED CASE CIRCUIT  
INTERRUPTER RATING PLUG  
KEYING AND INTERLOCK  
ARRANGEMENT**  
[54] **DISPOSITIF DE MANIPULATION  
ET DE VERROUILLAGE POUR FICHE  
DE SELECTION DE VALEUR  
NOMINALE D'INTERRUPTION DE  
CIRCUIT A BOITIER MOULE**  
[72] Lesslie, David James, US  
[72] Messerli, Alan Joseph, US  
[72] Krajewski, Alexander Anthony, US  
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[25] EN  
[54] **FEMORAL HEAD ADAPTOR FOR  
INTEROPERATIVE ASSEMBLY**  
[54] **ADAPTEUR DE TETE FEMORALE  
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EN DEUX PARTIES**  
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[72] Serekian, Paul, US  
[72] Taylor, Scott K., US  
[73] Osteonics Corp., US  
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[13] C

[51] **Int.Cl. 6C01G 23/047 6G03G 5/08**  
[25] EN  
[54] **TITANIUM DIOXIDE  
AGGREGATES, PROCESS FOR  
PRODUCING SAME AND  
ELECTROPHOTOGRAPHIC  
PHOTOSENSITIVE MATERIAL  
CONTAINING SAME**  
[54] **AGREGATS DE BIOXYDE DE  
TITANE, LEUR METHODE DE  
FABRICATION ET MATERIAU  
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[54] **ORDINATEUR PORTATIF**  
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[72] Tanaka, Eiichi, JP  
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[73] Toppan Moore Company, Ltd., JP  
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[11] **2,006,986**  
[13] C

[51] **Int.Cl. 6B29C 33/30 6B29C 33/32 6B29C 33/34**  
[25] EN  
[54] **TIRE BEAD SETTER APPARATUS AND METHOD**  
[54] **DISPOSITIF SERVANT A POSITIONNER LE TALON D'UN PNEU SUR LA CARCASSE DE CELUI-CI, ET METHODE CONNEXE**  
[72] Ring, Ralph Damon, US  
[73] GOODYEAR TIRE & RUBBER COMPANY (THE), US  
[22] 1990-01-02  
[30] US (333,107) 1989-04-04

[11] **2,007,048**  
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[54] **PROCESS FOR THE REDUCTION OF THE POLYMER PORTION IN THE DIMERIZATION OF KETENE**  
[54] **METHODE POUR REDUIRE LA FRACTION POLYMERIQUE DANS LA DIMERISATION DE CETENES**  
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[54] **POLYMER HYDROGENATION CATALYSTS**  
[54] **CATALYSEUR POUR L'HYDROGENATION DES POLYMERES**  
[72] Hucul, Dennis A., US  
[73] Dow Chemical Company (The), US  
[22] 1990-01-08  
[30] US (294,452) 1989-01-09

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[13] C

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[54] **METHOD AND APPARATUS FOR MEASURING THE RESISTIVITY OF EARTH FORMATIONS**  
[54] **APPAREIL ET METHODE POUR MESURER LA RESISTANCE ELECTRIQUE DE GISEMENTS GEOTOGIQUES**  
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[72] Gounot, Marie-Thérèse, FR  
[73] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1990-02-08  
[30] FR (89 02158) 1989-02-20

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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR THE DIRECT TRANSFER OF INFORMATION BETWEEN APPLICATION PROGRAMS RUNNING ON DISTINCT PROCESSORS WITHOUT UTILIZING THE SERVICES OF ONE OR BOTH OPERATING SYSTEMS**  
[54] **METHODE ET APPAREIL DE TRANSFERT DIRECT D'INFORMATIONS ENTRE DES PROGRAMMES D'APPLICATION TOURNANT SUR DES PROCESSEURS DIFFERENTS SANS RECOURS A L'UN DES SYSTEMES D'EXPLOITATIONS OU AUX DEUX**  
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[72] Joyce, James M., US  
[72] Baker, Ernest D., US  
[72] Dinwiddie, John M. Jr., US  
[72] Loffredo, John M., US  
[72] Sanderson, Kenneth R., US  
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[13] C

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[73] GEC-MARCONI LIMITED, GB  
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[51] Int.Cl. 6C25C 7/04 6C25B 13/04  
[25] FR  
[54] **DIAPHRAGME POUR  
ELECTROLYSE EN BAIN DE SELS  
FONDUS D'HALOGENURES DE  
METAUX**  
[54] **DIAPHRAGM FOR  
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[51] Int.Cl. 6G01N 33/03 6G01N 31/22  
[25] EN  
[54] **METHOD AND APPARATUS FOR  
DETERMINING NON-  
TRIGLYCERIDES IN OILS**  
[54] **METHODE ET APPAREIL POUR  
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[51] Int.Cl. 6A43B 5/16  
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BLADDER AND VALVE ASSEMBLY  
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[54] **CHAUSSURE AJUSTABLE MUNIE  
D'UN ENSEMBLE POMPE-PURGEUR  
D'AIR**  
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[25] EN  
[54] **ARC-EXTINGUISHING  
COMPOSITION AND ARTICLES  
FABRICATED THEREFROM**  
[54] **MATERIAU D'EXTINCTION  
D'ARC ELECTRIQUE ET ARTICLES  
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[73] S & C Electric Company, US  
[22] 1990-03-16  
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[51] Int.Cl. 6A61L 2/14  
[25] EN  
[54] **PROCESS AND APPARATUS FOR  
DRY STERILIZATION OF MEDICAL  
DEVICES AND MATERIALS**  
[54] **PROCEDE ET APPAREIL POUR LA  
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[54] **TESTEUR DE SACHET**  
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[73] Du Pont Canada Inc., CA  
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[11] **2,015,057**  
[13] C  
[51] Int.Cl. 6C01D 17/00 6C22B 3/10  
6C22B 26/10  
[25] EN  
[54] **RECOVERY OF CESIUM  
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[54] **RECUPERATION DU CHLORURE  
DE CESIUM PRESENT DANS LE  
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SAMPLE**  
[54] **METHODE DE TRANSFERE D'UN  
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[51] Int.Cl. 6C07D 417/06 6C07D 471/04  
6A61K 31/425 6A61K 31/50  
[25] EN  
[54] **PROCESS AND INTERMEDIATES  
FOR THE PREPARATION OF  
OXOPHTHALAZINYL ACETIC ACIDS  
AND ANALOGS THEREOF**  
[54] **METHODE ET PRODUITS  
INTERMEDIAIRES POUR LA  
PREPARATION D'ACIDES  
OXOPHTHALAZINYLACETIQUES ET  
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[54] **APPAREIL D'ENREGISTREMENT  
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[13] C

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[25] EN  
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[13] C

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[25] EN  
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[54] **CLASSEUR A PATES, SOUS PRESSION**  
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[25] EN  
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[54] **COPOLYMERES CONTENANT DES GROUPES AMINO ET PROCEDE POUR LEUR PRODUCTION**  
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[51] **Int.Cl. 6C07D 209/14 6A61K 31/40**  
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[54] **METHODE ET APPAREIL DE DETERMINATION DE L'APPORT RELATIF DES CYLINDRES INDIVIDUELS D'UN MOTEUR A COMBUSTION INTERNE AU MOYEN D'UN TACHYMETRE DE CONTACT**  
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[72] Schend, David J., US  
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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR MULTIPLE ACCESS BETWEEN TRANSCEIVERS IN WIRELESS COMMUNICATIONS USING OFDM SPREAD SPECTRUM**  
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[13] C

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[25] FR  
[54] **DISPOSITIF DE LIAISON VERROUILLABLE D’ELEMENTS D’ANCRAGE D’OSTEOSYNTHESE RACHIDIENNE**  
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[54] **SUPPORT D’ENREGISTREMENT THERMIQUE REENREGISTRABLE ET SA METHODE DE FABRICATION**  
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PAR SATELLITE  
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[11] 2,071,640  
[13] C

[51] Int.Cl. 6B29C 45/40 6B29C 45/42  
[25] EN  
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A MOULD  
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[51] Int.Cl. 6C12N 15/67 6C12N 5/10  
6C12N 15/64 6C12N 15/90  
[25] EN  
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[13] C

[51] Int.Cl. 6C01B 17/765  
[25] EN  
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FROM A CONTACT SULFURICACID  
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[54] METHODE DE RECUPERATION  
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[13] C

[51] Int.Cl. 6A61K 7/075 6A61K 7/42  
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[54] PRODUIT DE BEAUTE  
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[51] Int.Cl. 6G01F 1/42 6F15D 1/02  
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[11] 2,076,002  
[13] C

[51] Int.Cl. 6B60R 21/26  
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[72] Bishop, Robert J., US  
[72] Kremer, Robert M., US  
[72] Ocker, Klaus, US  
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[13] C

[51] Int.Cl. 6G03G 15/14 6G03G 21/00  
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[13] C

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[25] EN  
[54] **POLYMER SCALE PREVENTIVE AGENT, POLYMERIZATION VESSEL EFFECTIVE IN PREVENTING POLYMER SCALE DEPOSITION, AND PROCESS OF PRODUCING POLYMER USING SAID VESSEL**  
[54] **AGENT PREVENANT LA FORMATION DE DEPOTS DE POLYMERES, REACTEUR DE POLYMERISATION EFFICACE CONTRE LE DEPOT DE POLYMERES, ET PROCEDE D'OBTENTION DE POLYMERES AU MOYEN DE CE REACTEUR**  
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[54] **TRANSPONDEUR**  
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[54] **SYSTEME D'APPRENTISSAGE PAR ASSOCIATION SONORE**  
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[72] Yoshida, Yoshio, JP  
[72] Yamamoto, Hiroyuki, JP  
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[13] C

[51] **Int.Cl. 6G01B 5/28 6G01B 3/34**  
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[54] **METHOD AND DETECTOR FOR DETECTING SURFACE ROUGHNESS OR DEFECTS ON COATED WIRE OR CABLE**  
[54] **METHODE UTILISEE POUR DECELER LA RUGOSITE DE LA SURFACE OU LES DEFAUTS D'UN FIL OU D'UN CABLE ENROBE**  
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[72] Mark, Jack, CA  
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[54] **METHODE POUR CONTROLER LE DEBIT DE CELLULES**  
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[73] CTI, INC., US  
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[54] **BATON DE HOCKEY COMPOSITE ET PROCEDE DE FABRICATION**  
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[54] **EXTRACTION DE SUBSTANCES ORGANIQUES VOLATILES DE SOLUTIONS ET DE DISPERSIONS DE POLYMERES**  
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[72] Wheeler, Todd, US  
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[13] C

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[25] EN  
[54] **HIGH PERFORMANCE PIGMENTS OF LOW OIL ABSORPTION: PREPARATION, PROPERTIES AND END-USE APPLICATIONS**  
[54] **PIGMENTS HAUT RENDEMENT A FAIBLE ABSORPTION D'HUILE : PREPARATION, PROPRIETES ET APPLICATIONS FINALES**  
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[73] J. M. Huber Corporation, US  
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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR THE AUTOMATED TESTING OF VEHICLE FUEL EVAPORATION CONTROL SYSTEMS**  
[54] **METHODE SERVANT A VERIFIER PAR ORDINATEUR DES DISPOSITIFS DE RECYCLAGE DES VAPEURS DU RESERVOIR DE VEHICULES, ET APPAREIL CONNEXE**  
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[13] C

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[13] C

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[25] EN  
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[54] **CIRCUIT DE REGLAGE DU GAIN POUR EMETTEUR RADIO**  
[72] Medendorp, Dale Frederick, US  
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[13] C

[51] **Int.Cl. 6C07D 401/06 6C07D 471/04**  
[25] EN  
[54] **PROCESS AND INTERMEDIATE FOR CERTAIN BIS-AZA-BICYCLIC ANXIOLYTIC AGENTS**  
[54] **METHODE DE PREPARATION ET PRODUIT INTERMEDIAIRE POUR CERTAINS ANXIOLYTIQUES BIS-AZA-BICYCLIQUES**  
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[72] Murtiashaw, Charles William, US  
[72] Urban, Frank John, US  
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[13] C

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[25] EN  
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[54] **DISPOSITIF FIXATEUR POUVANT ELIMINER LE GODAGE**  
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[54] **PROTOCOLE DE CONTROLE D'ACCES A UN SUPPORT DE COMMUNICATION SANS FIL**  
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[72] McKay, Dan N., CA  
[72] Fickes, Stanley Lloyd, US  
[72] Hartlen, Bryan R., CA  
[72] Kurata, Thomas Dowas, US  
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[13] C

[51] **Int.Cl. 6E04H 13/00**  
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[54] **MONUMENT FUNERAIRE EN PIERRE ET BRONZE**  
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[73] Matthews International Corporation, US  
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[13] C

[51] **Int.Cl. 6A61L 9/12 6B65D 85/00 6B32B 27/08**  
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[54] **CONTENANT POUR SUBSTANCES AROMATIQUES**  
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[72] Klocke, Hartmut, DE  
[72] Wendel, Herbert, FR  
[73] KLOCKE Verpackungs-Service GmbH, DE  
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[13] C

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[54] **PROCEDE POUR LA PREPARATION D'ARTICLES DE POLYMERE DE PROPYLENE EXPANSE**  
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[13] C

[51] **Int.Cl. 6C08L 33/26 6A61B 5/04 6H01B 1/12**  
[25] EN  
[54] **ELECTRICALLY CONDUCTIVE POLYMER GEL AND THE METHOD FOR MANUFACTURING THE SAME AND AN ORGANISM-USE ELECTRODE WITH THE USE THEREOF**  
[54] **GEL POLYMERIQUE ELECTRIQUEMENT CONDUCTEUR, METHODE DE FABRICATION DE CE GEL ET ELECTRODE UTILISANT CE GEL**  
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[13] C

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[54] **IMAGE FORMING METHOD AND APPARATUS**  
[54] **METHODE ET APPAREIL DE FORMATION D'IMAGES**  
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[13] C

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[25] EN  
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[54] **COMPOSITIONS D'ETANCHEITE RENFERMANT DES POLYMERES A BASE DE MONOMERES ETHYLENIQUES**  
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[72] Dorsch, Norman, DE  
[72] Strasser, Alois, DE  
[73] Wacker-Chemie GmbH, DE  
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[73] Kämpfer Hans-Peter, DE  
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[30] NL (92.01857) 1992-10-26

[11] 2,109,462  
[13] C

[51] **Int.Cl. 6B23K 35/363 6H05K 1/02 6B23K 35/26 6H05K 3/34**  
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[54] **METHOD OF FORMING SOLDER FILM**  
[54] **PROCEDE PERMETTANT DE REALISER UNE MINCE COUCHE DE SOUDURE**  
[72] Sakai, Takekazu, JP  
[72] Kuramoto, Takeo, JP  
[72] Noda, Satoshi, JP  
[72] Shoji, Takashi, JP  
[72] Watabe, Masataka, JP  
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[54] **AMPLIFICATEUR A FIBRE OPTIQUE POLYMERIQUE**  
[72] Sasaki, Keisuke, JP  
[72] Koike, Yasuhiro, JP  
[73] Nippon Petrochemicals Co., Ltd., JP  
[85] 1993-11-25  
[86] 1993-03-26 (PCT/JP93/00371)  
[87] (WO93/19505)  
[30] JP (68244/1992) 1992-03-26

[11] 2,111,298  
[13] C

[51] **Int.Cl. 6G11B 20/10 6G11B 31/00**  
[25] EN  
[54] **DICTATION APPARATUS THAT IS A COMBINATION OF A PORTABLE COMPUTER AND A HAND SET**  
[54] **MACHINE A DICTER QUI COMPORTE UN ORDINATEUR PORTABLE ET UN COMBINE**  
[72] Ellis, David A., US  
[72] Heidari, A. Ryan, US  
[73] DICTAPHONE CORPORATION, US  
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[30] US (997,060) 1992-12-28

[11] 2,112,710  
[13] C

[51] **Int.Cl. 6H04L 12/56**  
[25] EN  
[54] **MULTIMEDIA PACKET COMMUNICATION SYSTEM**  
[54] **SYSTEME DE COMMUNICATION MULTIMEDIA A COMMUTATION PAR PAQUETS**  
[72] Suzuki, Hiroshi, JP  
[73] NEC Corporation, JP  
[22] 1993-12-31  
[30] JP (5-141) 1993-01-05

[11] 2,113,708  
[13] C

[51] **Int.Cl. 6B21D 5/00 6B21D 7/06 6B21D 9/08**  
[25] EN  
[54] **UPPER TOOL HOLDER APPARATUS FOR PRESS BRAKE AND UPPER TOOL ATTACHABLE THERETO**  
[54] **PORTE-OUTIL SUPERIEUR POUR PLIEUSE DE FEUILLES, ET OUTIL POUVANT Y ETRE FIXE**  
[72] Kawano, Susumu, JP  
[73] Amada Metrecs Company, Limited, JP  
[22] 1994-01-18  
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[51] **Int.Cl. 6B01D 9/04**  
[25] EN  
[54] **DRAFT TUBE, DIRECT CONTACT CRYOGENIC CRYSTALLIZER**  
[54] **APPAREIL DE FABRICATION DE CRISTAUX PAR CONTACT DIRECT AVEC UN LIQUIDE CRYOGENIQUE**  
[72] Cheng, Alan T., US  
[73] Praxair Technology, Inc., US  
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[54] **POT DISTRIBUTEUR-DOSEUR DE LIQUIDE**  
[72] Mejean, Pascal, FR  
[72] Peyrot, Christian, FR  
[73] REXAM REBOUL, FR  
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[13] C

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[54] **CLASSEMENT ET EVALUATION DES VOLAILLES PAR UNE METHODE ULTRASONIQUE**  
[72] Stouffer, James R., US  
[72] Miller, Dale C., US  
[72] Liu, Yujun, US  
[73] Animal Ultrasound Services, Inc., US  
[85] 1994-02-18  
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[13] C

[51] **Int.Cl. 6F42D 1/10**  
[25] EN  
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[54] **METHODE ET APPAREIL PERMETTANT DE CHARGER DES TROUS DE SONDAGE AVEC DES EXPLOSIFS**  
[72] Engsbråten, Björn, SE  
[72] Magnusson, Rolf, SE  
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[13] C

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[72] Easton, David Joseph, US  
[72] Pickett, Terence Daniel, US  
[73] Deere & Company, US  
[22] 1994-03-24  
[30] US (055,171) 1993-04-28

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[11] **2,120,666**  
[13] C

[51] **Int.Cl. 6G06F 13/14**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VALIDATING TRAVELLING OBJECT-ORIENTED PROGRAMS WITH DIGITAL SIGNATURES**  
[54] **METHODE ET DISPOSITIF DE VALIDATION DE PROGRAMMES ORIENTES OBJETS A AUTO-ACHEMINEMENT AU MOYEN DE SIGNATURES NUMERIQUES**  
[72] Fischer, Addison M., US  
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[54] **COMPOSITIONS DETERGENTES EMPECHANT LE TRANSFERT DES COULEURS LORS DU LAVAGE**  
[72] Johnston, James Pyott, BE  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1994-04-07  
[86] 1992-10-07 (PCT/US92/08531)  
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[13] C

[51] **Int.Cl. 6G01D 5/26 6G01L 11/02 6G01L 1/24 6G01D 5/353**  
[25] EN  
[54] **APPARATUS FOR MEASURING AN AMBIENT PHYSICAL PARAMETER APPLIED TO A HIGHLY BIREFRINGENT SENSING FIBER AND METHOD**  
[54] **APPAREIL ET METHODE POUR MESURER UN PARAMETRE PHYSIQUE DANS UNE FIBRE DE DETECTION TRES BIREFRINGENTE**  
[72] Bock, Wojtek J., CA  
[72] Urbanczyk, Waclaw, PL  
[73] UNIVERSITÉ DU QUÉBEC A HULL, CA  
[22] 1994-05-03

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[13] C

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[54] **COMMUTATEUR CROSSBAR POUR SYSTEME MULTIPROCESSEUR**  
[72] Sharma, Vinod, JP  
[73] NEC Corporation, JP  
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[54] **IMPRIMANTE D'IMAGES**  
[72] Tanibata, Toru, JP  
[73] Noritsu Koki Co., Ltd., JP  
[22] 1994-05-26  
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[13] C

[51] **Int.Cl. 6G03B 27/80**  
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[54] **IMPRIMANTE D'IMAGES**  
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[22] 1994-05-26  
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[11] **2,128,863**  
[13] C

[51] **Int.Cl. 6B05D 1/36 6C09D 175/04 6B05D 7/14 6C09D 161/20 6B05D 7/24**  
[25] EN  
[54] **PROCESS FOR THE PRODUCTION OF A TWO-COAT FINISH, AND NONAQUEOUS COATINGS SUITABLE FOR THIS PROCESS**  
[54] **REVETEMENT DE FINITION NON AQUEUX APPLICABLE EN DEUX COUCHES**  
[72] Röckrath, Ulrike, DE  
[72] Wigger, Georg, DE  
[72] Poth, Ulrich, DE  
[73] BASF LACKE + FARBEN AKTIENGESELLSCHAFT, DE  
[85] 1994-07-26  
[86] 1993-02-03 (PCT/EP93/00242)  
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[13] C

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[25] EN  
[54] **METHOD AND APPARATUS FOR UPGRADING CARBONACEOUS FUEL**  
[54] **METHODE ET APPAREIL POUR AMELIORER UN COMBUSTIBLE CARBONACE**  
[72] Koppelman, Edward, US  
[73] KFx Inc., US  
[85] 1994-07-27  
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[87] (WO94/08193)  
[30] US (952,330) 1992-09-28

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[11] **2,132,330**  
[13] C

[51] **Int.Cl. 6A47B 13/02 6F16B 12/40**  
[25] EN  
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[54] **MEUBLE A CHASSIS TUBULAIRE**  
[72] Fich, Preben Bo, GB  
[73] IDEAssociates Ltd., IE  
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[86] 1993-04-02 (PCT/DK93/00123)  
[87] (WO93/19639)  
[30] DK (459/92) 1992-04-03

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[13] C

[51] **Int.Cl. 6E04C 5/07 6E04G 23/02**  
[25] EN  
[54] **REINFORCING FIBER SHEET AND CONCRETE STRUCTURE USING SAME**  
[54] **FEUILLE DE FIBRES D'ARMATURE ET STRUCTURE DE BETON UTILISANT LADITE FEUILLE**  
[72] Saito, Makoto, JP  
[73] Tonen Corporation, JP  
[22] 1994-09-20  
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[13] C

[51] **Int.Cl. 6B01D 69/12 6B01D 15/00 6B01D 61/14 6B01D 71/68**  
[25] EN  
[54] **MICROFILTRATION AND/OR ULTRAFILTRATION MEMBRANE METHOD OF THE PREPARATION OF SUCH A MEMBRANE, AND A METHOD OF THE FILTRATION OF A LIQUID BY MEANS OF SUCH A MEMBRANE**  
[54] **MEMBRANE DE MICROFILTRATION OU D'ULTRAFILTRATION, METHODE DE PREPARATION D'UNE TELLE MEMBRANE, ET METHODE SERVANT A FILTRER UN LIQUIDE AU MOYEN DE CETTE DERNIERE**  
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[73] X-Flow B.V., NL  
[22] 1994-09-22  
[30] NL (9301716) 1993-10-06

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[13] C

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[25] EN  
[54] **VALVE CONTROL UNIT FOR HYDRAULIC ACTUATOR**  
[54] **COMMANDE POUR ACTIONNEUR HYDRAULIQUE**  
[72] Ono, Tomoaki, JP  
[72] Tozawa, Shoji, JP  
[72] Fujii, Satoshi, JP  
[72] Harada, Koichi, JP  
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[13] C

[51] **Int.Cl. 6D04H 1/48 6B32B 5/02 6A61F 13/50**  
[25] EN  
[54] **TRI-DIMENSIONAL NON-WOVEN FABRIC FOR USE AS A SKIN-CONTACTING COVER LAYER OF A SANITARY ABSORBENT ARTICLE, A METHOD FOR MANUFACTURING THE NON-WOVEN FABRIC AND A SANITARY ARTICLE UTILIZING SAME**  
[54] **TISSU TRIDIMENSIONNEL NON TISSE POUR LA PARTIE EXTERIEURE DE LA SERVIETTE QUI EST EN CONTACT AVEC LA PEAU, SA METHODE DE FABRICATION ET SON UTILISATION**  
[72] Boulanger, Roger, CA  
[73] JOHNSON & JOHNSON INC., CA  
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[13] C

[51] **Int.Cl. 6B23P 19/00 6B25B 23/04 6B21J 15/32**  
[25] EN  
[54] **HOLDER FOR FASTENERS**  
[54] **DISPOSITIF DE RETENUE POUR PIECES DE FIXATION**  
[72] Luckhardt, Christoph Heinrich (deceased), DE  
[72] Luckhardt, Wolfgang, DE  
[72] Luckhardt, Wolfgang, DE  
[73] MULTIFASTENER CORPORATION, US  
[85] 1994-09-30  
[86] 1993-04-02 (PCT/EP93/00836)  
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[30] DE (P 42 11 276.1) 1992-04-03

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[13] C

[51] **Int.Cl. 6G06F 15/18**  
[25] EN  
[54] **NEURONIC CELLULAR AUTOMATON AND OPTIMIZER EMPLOYING THE SAME**  
[54] **AUTOMATON CELLULAIRE NEURONAL ET OPTIMISEUR UTILISANT CET AUTOMATON**  
[72] de Garis, Hugo R., JP  
[72] Hemmi, Hitoshi, JP  
[73] ATR Human Information Processing Research Laboratories, JP  
[22] 1994-10-03  
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[13] C

[51] **Int.Cl. 6H01H 3/02**  
[25] EN  
[54] **DETENTED ROCKER SWITCH**  
[54] **INTERRUPTEUR A BASCULE A CLIQUET**  
[72] Malone, Peter Grimm, US  
[72] Lai, Louis Chiu, US  
[73] Eaton Corporation, US  
[22] 1994-11-08  
[30] US (155,058) 1993-11-19

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[13] C

[51] **Int.Cl. 6B62D 25/00**  
[25] EN  
[54] **LIGHT WEIGHT STEEL AUTO BODY CONSTRUCTION**  
[54] **PANNEAU DE CARROSSERIE EN ACIER LEGER**  
[72] Borchelt, James E., US  
[72] Lude, John M., US  
[72] Levy, Bernard S., US  
[73] Inland Steel Company, US  
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[11] **2,136,265**  
[13] C

[51] **Int.Cl. 6C01B 13/11**  
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[54] **APPAREIL DE PRODUCTION ET DE CONDENSATION D'OZONE**  
[72] Shimizu, Masami, JP  
[72] Yamamoto, Katsuji, JP  
[72] Ayabe, Muneo, JP  
[73] Ishikawajima-Harima Heavy Industries Co., Ltd., JP  
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[13] C

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[25] EN  
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[54] **SONDE D'INSPECTION AVEC CAMERA ECLAIREE PAR L'ARRIERE**  
[72] Linville, Gregory, US  
[73] DHV International, Inc., US  
[85] 1994-11-23  
[86] 1994-04-04 (PCT/US94/03669)  
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[13] C

[51] **Int.Cl. 6B60C 17/06**  
[25] EN  
[54] **RUN-FLAT TIRE WITH THREE CARCASS LAYERS**  
[54] **PNEU INCREVABLE A CARCASSE CONSTITUEE DE TROIS NAPPES**  
[72] Willard, Walter Lee, Jr., US  
[73] Michelin Recherche et Technique S.A., CH  
[22] 1994-12-09  
[30] US (08/182,995) 1994-01-18

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[13] C

[51] **Int.Cl. 6H04L 7/027**  
[25] EN  
[54] **CLOCK SIGNAL REGENERATION METHOD AND APPARATUS**  
[54] **METHODE ET DISPOSITIF DE REGENERATION DE SIGNAUX D'HORLOGE**  
[72] Yatagai, Tetsuya, JP  
[73] NEC Corporation, JP  
[22] 1994-12-21  
[30] JP (348154/1993) 1993-12-25

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[13] C

[51] **Int.Cl. 6A61H 39/08**  
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[54] **AIGUILLE D'ACUPUNCTURE**  
[72] Tae-Woo, Yoo, KR  
[73] Tae-Woo, Yoo, KR  
[22] 1995-01-17  
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[51] Int.Cl. 6D01F 9/08 6C04B 35/58  
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[25] EN  
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[54] FIBRE CERAMIQUE ET PROCEDE DE FABRICATION  
[72] Das Gupta, Sankar, CA  
[73] Das Gupta, Sankar, CA  
[22] 1995-01-18  
[30] US (08/183,829) 1994-01-21

[11] **2,141,034**  
[13] C  
[51] Int.Cl. 6H01L 31/0216 6H01L 31/0304  
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[25] EN  
[54] INDIUM ANTIMONIDE (INSB) PHOTODETECTOR DEVICE AND STRUCTURE FOR INFRARED, VISIBLE AND ULTRAVIOLET RADIATION  
[54] DISPOSITIF ET STRUCTURE A L'ANTIMONIURE D'INDIUM (INSB) POUR LA DETECTION DE RADIATIONS INFRAROUGES, VISIBLES ET ULTRAVIOLETTES  
[72] Kasai, Ichiro, US  
[72] Toman, John R., US  
[73] RAYTHEON COMPANY, US  
[85] 1995-01-25  
[86] 1994-05-27 (PCT/US94/06038)  
[87] (WO94/28587)  
[30] US (068,897) 1993-05-28

[11] **2,141,407**  
[13] C  
[51] Int.Cl. 6B42D 15/00  
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[72] Gunn, Robert T., US  
[73] Gunn, Robert T., US  
[85] 1995-01-30  
[86] 1993-07-29 (PCT/US93/07301)  
[87] (WO94/03335)  
[30] US (07/922,145) 1992-07-30

[11] **2,141,492**  
[13] C  
[51] Int.Cl. 6C09K 3/00 6C01B 7/19  
[25] EN  
[54] TRANSPORTATION OF HYDROGEN FLUORIDE  
[54] TRANSPORT DE FLUORURE D'HYDROGENE  
[72] Randolph, Bruce B., US  
[72] Anderson, Richard L., US  
[72] Eldridge, Robert B., US  
[73] Phillips Petroleum Company, US  
[22] 1995-01-31  
[30] US (08/234,453) 1994-04-28

[11] **2,141,717**  
[13] C  
[51] Int.Cl. 6H04B 1/40 6H04M 1/00  
**6H04Q 7/32**  
[25] EN  
[54] WIRELESS PORTABLE TELEPHONE  
[54] TELEPHONE PORTATIF SANS FIL  
[72] Matsumoto, Kiyoshi, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1995-02-02  
[30] JP (Hei 6-20685) 1994-02-17

[11] **2,141,809**  
[13] C  
[51] Int.Cl. 6B65H 19/29  
[25] EN  
[54] APPARATUS FOR APPLYING ADHESIVE TO A WEB ROLL BEING WOUND IN A WINDING MACHINE  
[54] DISPOSITIF POUR ENDUIRE DE COLLE UNE BANDE EN COURS DE BOBINAGE  
[72] Dorfel, G. Walter, DE  
[72] Taxis, Michael, DE  
[73] BELOIT TECHNOLOGIES, INC., US  
[85] 1995-02-03  
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[30] DE (G 92 10 495.9 U) 1992-08-06

[11] **2,142,099**  
[13] C  
[51] Int.Cl. 6A61K 7/42 6A61K 7/06  
[25] FR  
[54] COMPOSITIONS COSMETIQUES ANTISOLAIRES, PROCEDE DE PREPARATION ET UTILISATION  
[54] SUNSCREEN COSMETIC COMPOSITIONS, A PROCESS FOR THEIR PREPARATION AND THEIR USE  
[72] Allard, Delphine, FR  
[72] Ascione, Jean-Marc, FR  
[72] Hansenne, Isabelle, FR  
[73] L'ORÉAL, FR  
[22] 1995-02-08  
[30] FR (94 01 455) 1994-02-09

[11] **2,142,172**  
[13] C  
[51] Int.Cl. 6H01H 83/14 6H01H 69/00  
**6G01R 31/327**  
[25] EN  
[54] GROUND FAULT INTERRUPTER WIRING DEVICE AND METHODS OF ASSEMBLY AND TESTING THEREOF  
[54] DISPOSITIF DE CABLAGE ET METHODE D'ASSEMBLAGE ET D'ESSAI POUR INTERRUPTEUR DE DEFAUT A LA TERRE  
[72] Marcou, Jean-Claude, US  
[72] Packard, Thomas N., US  
[72] Findley, James K., US  
[72] Finlay, David A., US  
[72] Murphy, Patrick J., US  
[73] PASS & SEYMOUR, INC., US  
[22] 1995-02-09  
[30] US (328,089) 1994-10-24

[11] **2,143,092**  
[13] C  
[51] Int.Cl. 6D01F 2/30  
[25] EN  
[54] PROCESS FOR THE PRODUCTION OF FINE DENIER CELLULOSE ACETATE FIBERS  
[54] PROCEDE POUR L'OBTENTION DE FIBRES CELLULOSIQUES D'ACETATE TRES FINES  
[72] Lee, Benedict M., US  
[72] Winebarger, Charles S., US  
[73] EASTMAN CHEMICAL COMPANY, US  
[85] 1995-02-22  
[86] 1993-09-07 (PCT/US93/08357)  
[87] (WO94/06954)  
[30] US (07/943,824) 1992-09-14

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[11] **2,143,238**  
[13] C

[51] **Int.Cl. 6G01P 1/00 6B62J 11/00**  
**6G01P 1/02 6G01P 1/04**  
[25] EN  
[54] **ENGAGEMENT STRUCTURE  
DISENGAGED BY RELATIVELY  
ROTATING PROJECTED BODY AND  
RECESSED BODY**  
[54] **MECANISME DE MISE EN ET  
HORS DE PRISE PAR UN  
MOUVEMENT ROTATIF RELATIF;  
DANS UNE MONTRE, PAR EXEMPLE**  
[72] Takeda, Goro, JP  
[72] Ueda, Takashi, JP  
[73] Cateye Co., Ltd., JP  
[22] 1995-02-23  
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[11] **2,143,732**  
[13] C

[51] **Int.Cl. 6A46B 15/00**  
[25] EN  
[54] **TOOTHBRUSH WITH EJECTABLE  
HEAD**  
[54] **BROSSE A DENTS A TETE  
EJECTABLE**  
[72] Parfenie, Mihai, CA  
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[22] 1995-03-01  
[30] US (08/351,122) 1994-11-30

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[11] **2,145,603**  
[13] C

[51] **Int.Cl. 6A61K 7/11 6A61K 7/00**  
**6A61K 7/032 6A61K 7/04 6A61K 7/48**  
[25] FR  
[54] **DISPERSIONS AQUEUSES DE  
RESINES, LEUR UTILISATION EN  
COSMETIQUE ET COMPOSITIONS  
COSMETIQUES OBTENUES**  
[54] **RESIN AQUEOUS DISPERSIONS,  
THEIR USE IN COSMETIC  
APPLICATIONS AND COSMETIC  
COMPOSITIONS PRODUCED**  
[72] Mougín, Nathalie, FR  
[72] Mondet, Jean, FR  
[73] L'Oréal, FR  
[22] 1995-03-27  
[30] FR (94 04 113) 1994-04-07

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[13] C

[51] **Int.Cl. 6E04D 1/34**  
[25] EN  
[54] **FASTENING STRIP FOR SHEET  
ROOFING SYSTEMS**  
[54] **BANDE DE FIXATION POUR  
COUVERTURES EN FEUILLES**  
[72] Jordan, Franklin Frederick, CA  
[73] Jordan, Franklin Frederick, CA  
[73] Kornelow, Leslie, CA  
[22] 1995-05-16  
[30] US (08/273,681) 1994-07-07

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[11] **2,149,584**  
[13] C

[51] **Int.Cl. 6H04N 7/015 6H04B 1/16**  
[25] EN  
[54] **DIGITAL VSB DETECTOR WITH  
FINAL I-F CARRIER AT  
SUBMULTIPLE OF SYMBOL RATE, AS  
FOR HDTV RECEIVER**  
[54] **DETECTEUR DE SIGNAUX BLR  
UTILISANT UNE PORTEUSE FI  
FINALE POUR RECEPTEUR DE TVHD**  
[72] Limberg, Allen LeRoy, US  
[72] Patel, Chandrakant Bhailalbhái, US  
[73] Samsung Electronics Co., Ltd., KR  
[22] 1995-05-17  
[30] US (08/247,753) 1994-05-23

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[11] **2,150,037**  
[13] C

[51] **Int.Cl. 6C04B 35/596 6B23C 5/20**  
[25] EN  
[54] **SILICON NITRIDE BASED  
CUTTING TOOL INSERT**  
[54] **PIECE RAPPORTEE POUR OUTIL  
DE COUPE EN NITRURE DE SILICIUM**  
[72] Dasgupta, Sankar, CA  
[72] Bholá, Rakesh, CA  
[73] Dasgupta, Sankar, CA  
[73] Bholá, Rakesh, CA  
[22] 1995-05-24  
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[11] **2,150,312**  
[13] C

[51] **Int.Cl. 6B22D 29/00 6B22D 17/00**  
**6B22C 9/10**  
[25] EN  
[54] **CASTING METHOD WITH  
IMPROVED RESIN CORE REMOVING  
STEP AND APPARATUS FOR  
PERFORMING THE METHOD**  
[54] **METHODE DE COULEE A ETAPE  
AMELIOREE D'ENLEVEMENT DU  
NOYAU DE RESINE, ET APPAREIL  
CONNEXE**  
[72] Okada, Yuji, JP  
[72] Shirakawa, Hirokazu, JP  
[72] Tomitaka, Shuichi, JP  
[72] Okada, Masamichi, JP  
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[30] JP (6-120279) 1994-06-01  
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[30] JP (6-136201) 1994-06-20  
[30] JP (6-155015) 1994-07-06  
[30] JP (6-186059) 1994-08-08  
[30] JP (6-227951) 1994-09-22

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[11] **2,150,729**  
[13] C

[51] **Int.Cl. 6H04N 7/08 6H04N 7/015**  
[25] EN  
[54] **METHOD OF INCORPORATING A  
VARIABLE RATE AUXILIARY DATA  
STREAM WITH A VARIABLE RATE  
PRIMARY DATA STREAM**  
[54] **METHODE POUR INCORPORER  
UN FLUX DE DONNEES AUXILIAIRE A  
DEBIT VARIABLE A UN FLUX DE  
DONNEES PRIMAIRE A DEBIT  
VARIABLE**  
[72] Netravali, Arun Narayan, US  
[72] Petajan, Eric David, US  
[73] AT&T Corp., US  
[22] 1995-06-05  
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[13] C  
[51] **Int.Cl. 6H04N 13/00 6H04N 5/225**  
[25] EN  
[54] **STEREO MATCHING METHOD AND DISPARITY MEASURING METHOD**  
[54] **METHODE D'APPARIEMENT D'IMAGES STEREO ET METHODE DE MESURE DE DISPARITES**  
[72] Onda, Katsumasa, JP  
[73] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1995-06-06  
[30] JP (06-125346) 1994-06-07

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[11] **2,151,317**  
[13] C  
[51] **Int.Cl. 6B60S 1/48**  
[25] EN  
[54] **WASHER FLUID HEATER**  
[54] **DISPOSITIF RECHAUFFEUR DE LIQUIDE LAVE-GLACE**  
[72] Green, Ken, CA  
[73] Green, Ken, CA  
[22] 1995-06-08  
[30] US (08/407,947) 1995-03-22

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[11] **2,151,776**  
[13] C  
[51] **Int.Cl. 6G07F 9/06**  
[25] EN  
[54] **TAMPER-RESISTANT VENDING MACHINE**  
[54] **DISTRIBUTEUR AUTOMATIQUE RESISTANT A L'EFFRACTION**  
[72] Oden, Kenneth W., US  
[73] ROYAL VENDORS, INC., US  
[22] 1995-06-14  
[30] US (08/262,053) 1994-06-17

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[13] C  
[51] **Int.Cl. 6B65D 6/24 6B65D 19/12 6B65D 88/52**  
[25] EN  
[54] **CONTAINER BASE WITH THREE PERPENDICULAR FIXING ELEMENTS IN THE CORNERS**  
[54] **BASE DE CONTENEUR AVEC PIECES D'ANGLE MUNIES D'ELEMENTS DE FIXATION PERPENDICULAIRES**  
[72] Ingvarlsen, Peder Hans, DK  
[72] Mogensen, Erling Kristen, DK  
[72] Sorensen, Kent Weel, DK  
[72] Jensen, Berno Holmgaard, DK  
[73] CONTAINER CENTRALEN A/S, DK  
[73] R.D. IMPEX APS, DK  
[85] 1995-06-15  
[86] 1994-01-14 (PCT/DK94/00024)  
[87] (WO94/15845)  
[30] DK (0049/93) 1993-01-15

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[11] **2,152,003**  
[13] C  
[51] **Int.Cl. 6B31B 3/74**  
[25] EN  
[54] **DEVICE FOR CONTROLLING THE PRODUCTION QUALITY OF A PRESS THAT MANUFACTURES PACKAGES**  
[54] **DISPOSITIF SERVANT AU CONTROLE DE LA QUALITE D'UNE PRESSE UTILISEE POUR FABRIQUER DES EMBALLAGES**  
[72] Chiari, Mauro, CH  
[73] BOBST S.A., CH  
[22] 1995-06-16  
[30] CH (01917/94-5) 1994-06-17

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[11] **2,152,110**  
[13] C  
[51] **Int.Cl. 6G06F 13/24**  
[25] EN  
[54] **INTERRUPT-BASED HARDWARE SUPPORT FOR PROFILING SYSTEM PERFORMANCE**  
[54] **SUPPORT MATERIEL A BASES D'INTERRUPTIONS POUR PROFILER LA PERFORMANCE D'UN SYSTEME**  
[72] Agrawal, Prathima, US  
[72] Goldberg, Aaron Jay, US  
[72] Trotter, John Andrew, US  
[73] AT&T CORP., US  
[22] 1995-06-19  
[30] US (262,404) 1994-06-20

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[11] **2,152,216**  
[13] C  
[51] **Int.Cl. 6C22C 1/08 6C23C 10/56**  
[25] EN  
[54] **CORROSION-RESISTANT METALLIC POROUS MEMBER AND METHOD OF MANUFACTURING THE SAME**  
[54] **ELEMENT POREUX METALLIQUE INOXYDABLE ET METHODE DE FABRICATION**  
[72] Tsubouchi, Toshiyasu, JP  
[72] Okamoto, Satoru, JP  
[72] Ihara, Tomohiko, JP  
[73] Sumitomo Electric Industries, Ltd., JP  
[22] 1995-06-20  
[30] JP (6-146590) 1994-06-28

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[11] **2,152,347**  
[13] C  
[51] **Int.Cl. 6B65D 81/32**  
[25] EN  
[54] **A MULTI-CAVITY DISPENSING REFILL CARTRIDGE**  
[54] **CARTOUCHE DE RECHANGE A CAVITES MULTIPLES**  
[72] Gentile, James Louis, US  
[72] Cancro, Lewis Patrick, US  
[72] Williams, David Robert, US  
[73] Unilever PLC, GB  
[85] 1995-06-21  
[86] 1993-12-17 (PCT/EP93/03623)  
[87] (WO94/14680)  
[30] US (995049) 1992-12-22  
[30] US (08/062993) 1993-05-17

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[13] C  
[51] **Int.Cl. 6A61K 7/135**  
[25] EN  
[54] **POWDER BLEACHING COMPOSITIONS FOR HAIR AND METHOD OF USE THEREOF**  
[54] **COMPOSITIONS DE DECOLORATION EN POUFRE POUR LES CHEVEUX; METHODE D'UTILISATION**  
[72] Caskey, Paul F., US  
[73] CCP, Inc., US  
[85] 1995-07-13  
[86] 1994-01-28 (PCT/US94/01071)  
[87] (WO94/16672)  
[30] US (010,420) 1993-01-28

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[11] **2,154,970**  
[13] C

[51] **Int.Cl. 6H04L 9/28**  
[25] EN  
[54] **METHOD FOR SHARING SECRET INFORMATION, GENERATING A DIGITAL SIGNATURE, AND PERFORMING CERTIFICATION IN A COMMUNICATION SYSTEM THAT HAS A PLURALITY OF INFORMATION PROCESING APPARATUSES AND A COMMUNICATION SYSTEM THAT EMPLOYS SUCH A METHOD**  
[54] **METHODE DE MISE EN COMMUN D'INFORMATIONS SECRETES, DE GENERATION DE SIGNATURES NUMERIQUES ET DE CERTIFICATION POUR SYSTEME DE COMMUNICATION COMPORTANT PLUSIEURS APPAREILS DE TRAITEMENT D'INFORMATIONS ET SYSTEME DE COMMUNICATION UTILISANT CETTE METHODE**  
[72] Lopez, Jose Manuel ceceredo, JP  
[72] Iwamura, Keiichi, JP  
[73] Canon Kabushiki Kaisha, JP  
[22] 1995-07-28  
[30] JP (6-178483) 1994-07-29  
[30] JP (7-8185) 1995-01-23  
[30] JP (7-8184) 1995-01-23

[11] **2,155,575**  
[13] C

[51] **Int.Cl. 6A61M 5/315 6A61M 5/24**  
[25] FR  
[54] **INSTRUMENT DOSEUR, NOTAMMENT D'INJECTION DE LIQUIDE MEDICAMENTEUX**  
[54] **METERING INSTRUMENT, PARTICULARLY FOR INJECTING MEDICINAL LIQUIDS**  
[72] Frezza, Pierre, FR  
[73] LABORATOIRE AGUETTANT, FR  
[85] 1995-08-07  
[86] 1994-02-07 (PCT/FR94/00137)  
[87] (WO94/17846)  
[30] FR (93/01557) 1993-02-08

[11] **2,155,707**  
[13] C

[51] **Int.Cl. 6B01D 47/06 6B01D 47/00**  
[25] FR  
[54] **APPAREIL DE LAVAGE D'UN FLUX CONTINU DE GAZ CHARGE EN PARTICULES SOLIDES**  
[54] **APPARATUS FOR WASHING A CONTINUOUS FLOW OF PARTICLE-LOADED GAS**  
[72] Cordier, André, FR  
[72] Sedaries, Didier, FR  
[72] Pierin, Christophe, FR  
[72] Eyraud, Alain, FR  
[73] Air Industrie Systemes - A.I.S., FR  
[22] 1995-08-09  
[30] FR (94 09 901) 1994-08-10

[11] **2,155,837**  
[13] C

[51] **Int.Cl. 6C07D 405/14 6C07D 405/04 6C07D 493/04 6A61K 31/41 6A61K 31/44 6A61K 31/495**  
[25] EN  
[54] **BENZOPYRANS AS POTASSIUM CHANNEL OPENERS**  
[54] **BENZOPYRANS, AGENTS D'OUVERTURE DU CANAL DE POTASSIUM**  
[72] Mackenzie, Alexander Roderick, GB  
[72] Monaghan, Sandra Marina, GB  
[73] Pfizer Research and Development Company, N.V./S.A., IE  
[85] 1995-08-10  
[86] 1994-03-04 (PCT/EP94/00637)  
[87] (WO94/20491)  
[30] GB (9304917.9) 1993-03-10  
[30] GB (9308368.1) 1993-04-22

[11] **2,155,960**  
[13] C

[51] **Int.Cl. 6A23L 2/02 6A23L 1/236 6A23L 2/38**  
[25] EN  
[54] **SWEET BEVERAGES**  
[54] **BOISSONS SUCREES**  
[72] Fischer, Christa Maria, DE  
[72] Mohlenkamp, Marvin Joseph, Jr., US  
[72] Romer, Karin, DE  
[72] Henry, William John, Jr., US  
[72] Harper, Heather Jean, US  
[72] Swaine, Robert Leslie, Jr., US  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1995-08-11  
[86] 1994-02-15 (PCT/US94/01690)  
[87] (WO94/18855)  
[30] US (08/017,590) 1993-02-16  
[30] US (08/184,109) 1994-01-28

[11] **2,155,966**  
[13] C

[51] **Int.Cl. 6A23L 2/02 6A23L 1/236**  
[25] EN  
[54] **PROCESS AND COMPOSITION FOR SWEET JUICE FROM CUCURBITACEAE FRUIT**  
[54] **METHODE ET COMPOSITION POUR L'OBTENTION DE JUS SUCRE A PARTIR DE FRUITS DE CUCURBITACEES**  
[72] Downton, Galen Edward, US  
[72] Harper, Heather Jean, US  
[72] Maxwell, Michael William, US  
[72] Mohlenkamp, Marvin Joseph, Jr., US  
[72] Engel, Ruediger, DE  
[72] Litke, Manfred, DE  
[72] Romer, Karin, DE  
[72] Rizzi, George Peter, US  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1995-08-11  
[86] 1994-02-15 (PCT/US94/01689)  
[87] (WO94/18854)  
[30] US (08/017,936) 1993-02-16  
[30] US (08/056,459) 1993-05-03  
[30] US (08/182,601) 1994-01-26

[11] **2,156,404**  
[13] C

[51] **Int.Cl. 6B24B 3/34**  
[25] EN  
[54] **METHOD OF SHARPENING PROFILE-SHARPENED CUTTING BLADES**  
[54] **METHODE D'AFFUTAGE DE LAMES DE COUPE PROFILEES**  
[72] Pedersen, Harry, US  
[72] Ellwanger, Charles G., US  
[73] Gleason Works, US  
[85] 1995-08-17  
[86] 1994-02-10 (PCT/US94/01687)  
[87] (WO94/19151)  
[30] US (08/023,273) 1993-02-26  
[30] US (08/185,580) 1994-01-24

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[13] C

[51] **Int.Cl. 6F16B 15/00**  
[25] EN  
[54] **FASTENER WITH POLYMER-COATED SHANK**  
[54] **FIXATION A TIGE REVETUE DE POLYMERES**  
[72] Kish, Frederick A., US  
[72] Eckmann, Elizabeth J., US  
[72] Shelton, Lawrence S., US  
[73] ILLINOIS TOOL WORKS INC., US  
[22] 1995-08-18  
[30] US (293,003) 1994-08-19  
[30] US (472,906) 1995-06-07

[11] 2,156,952  
[13] C

[51] **Int.Cl. 6C21D 9/00 6B65G 39/02 6C21D 9/56**  
[25] EN  
[54] **HEARTH ROLL WITH SUPERIOR ENDURANCE CAPACITY**  
[54] **RIDEAU DE CHEMINEE A RESISTANCE AMELIOREE**  
[72] Gao, Yang, JP  
[73] Praxair S.T. Technology, Inc., US  
[22] 1995-08-25  
[30] JP (H6-225590) 1994-08-26

[11] 2,157,064  
[13] C

[51] **Int.Cl. 6C08J 5/24 6C08J 3/075 6B32B 5/20 6C08J 5/22**  
[25] EN  
[54] **PRODUCTION PROCESS OF CONNECTED MICROGEL PARTICLES AND ARTICLES TREATED WITH CONNECTED MICROGEL PARTICLES**  
[54] **METHODE POUR L'OBTENTION DE PARTICULES DE MICROGEL LIEES; ARTICLES TRAITES A L'AIDE DE CES PARTICULES**  
[72] Fukutomi, Takashi, JP  
[72] Sugito, Yoshifumi, JP  
[72] Takizawa, Minoru, JP  
[72] Mizoguchi, Satoshi, JP  
[72] Nakamura, Michiei, JP  
[72] Takeuchi, Hitoshi, JP  
[72] Oguma, Naomi, JP  
[72] Maruyama, Motohisa, JP  
[72] Horiguchi, Shojiro, JP  
[73] Dainichiseika Color & Chemicals Mfg. Co., Ltd., JP  
[22] 1995-08-28

[11] 2,157,229  
[13] C

[51] **Int.Cl. 6B41F 5/16**  
[25] EN  
[54] **ROLL PAPER TYPE RECORDING UNIT**  
[54] **UNITE D'ENREGISTREMENT A ROULEAU DE PAPIER**  
[72] Yoshida, Naoki, JP  
[72] Tamura, Toshiharu, JP  
[73] ALTECH COMPANY LIMITED, JP  
[22] 1995-08-30  
[30] JP (6-206826) 1994-08-31

[11] 2,157,475  
[13] C

[51] **Int.Cl. 6A61K 31/485 6A61K 33/00 6A61K 31/40 6A61K 31/55**  
[25] EN  
[54] **METHOD FOR TREATING EMOTIONAL OR MENTAL ILLNESS AND EMOTIONAL OR MENTAL ILLNESS CONCOMITANT WITH SEIZURES**  
[54] **METHODE POUR LE TRAITEMENT DE TROUBLES EMOTIFS, OU MENTAUX OU DES TROUBLES MENTAUX ACCOMPAGNANT LES CRISES**  
[72] Dante, Lee G., US  
[73] Nagle, John S., US  
[73] Dante, Lee G., US  
[85] 1995-09-01  
[86] 1994-02-28 (PCT/US94/02517)  
[87] (WO94/20100)  
[30] US (08/031,096) 1993-03-02

[11] 2,157,742  
[13] C

[51] **Int.Cl. 6G08B 13/189 6H04N 7/18**  
[25] EN  
[54] **INTERACTIVE SURVEILLANCE DEVICE**  
[54] **DISPOSITIF DE SURVEILLANCE INTERACTIF**  
[72] Hart, Frank J., US  
[73] Hart, Frank J., US  
[22] 1995-09-07

[11] 2,158,127  
[13] C

[51] **Int.Cl. 6H02G 3/04**  
[25] EN  
[54] **A WIREWAY**  
[54] **GOULOTTE GUIDE-FILS**  
[72] Ratley, Patrick L., US  
[73] Ransburg Corporation, US  
[22] 1995-09-12  
[30] US (318,344) 1994-10-05

[11] 2,158,161  
[13] C

[51] **Int.Cl. 6H02K 17/16 6H02K 15/10**  
[25] EN  
[54] **ROTATING ELECTRICAL MACHINES**  
[54] **MACHINES ELECTRIQUES TOURNANTES**  
[72] Clark, Paul Eaton, GB  
[72] Regan, Roger Henry, GB  
[73] GEC Alsthom Limited, GB  
[85] 1995-09-12  
[86] 1994-03-16 (PCT/GB94/00517)  
[87] (WO94/23487)  
[30] GB (9306824.5) 1993-04-01

[11] 2,158,853  
[13] C

[51] **Int.Cl. 6C07H 19/04 6A61K 31/70**  
[25] EN  
[54] **NEW ANTI VIRAL COMPOUNDS**  
[54] **NOUVEAUX COMPOSES ANTIVIRAUX**  
[72] Borretzen, Bernt, NO  
[72] Stokke, Kjell Torgeir, NO  
[72] Dalen, Are, NO  
[72] Myhren, Finn, NO  
[73] Norsk Hydro a.s, NO  
[85] 1995-09-21  
[86] 1994-04-05 (PCT/NO94/00071)  
[87] (WO94/22887)  
[30] GB (9307043.1) 1993-04-05

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[11] **2,158,883**  
[13] C

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **ENZYMATIC LIGATION OF 3'-AMINO-SUBSTITUTED OLIGONUCLEOTIDES**  
[54] **LIGATION ENZYMATIQUE DE DERIVES DE SUBSTITUTION 3'-AMINO D'OLIGONUCLEOTIDES**  
[72] Fung, Steven, US  
[72] Gryaznov, Sergei M., US  
[73] THE PERKIN-ELMER CORPORATION, US  
[22] 1995-09-22

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[11] **2,159,589**  
[13] C

[51] **Int.Cl. 6G05B 13/00 6G05D 19/00 6G10K 11/16**  
[25] EN  
[54] **FREQUENCY DOMAIN ADAPTIVE CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE ADAPTATIF FREQUENTIEL**  
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[73] NOISE CANCELLATION TECHNOLOGIES, INC., US  
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[86] 1994-04-01 (PCT/US94/03357)  
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[30] US (041,384) 1993-04-01

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[11] **2,160,073**  
[13] C

[51] **Int.Cl. 6C07F 7/10 6C07D 249/20 6C08G 77/26 6A61K 7/42**  
[25] FR  
[54] **FILTRES SOLAIRES, COMPOSITIONS COSMETIQUES PHOTOPROTECTRICES LES CONTENANT ET UTILISATIONS**  
[54] **SUN FILTERS; SOLAR PROTECTION COSMETIC COMPOSITIONS CONTAINING THE SAME AND THEIR USE**  
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[72] Leduc, Madeleine, FR  
[72] Lagrange, Alain, FR  
[73] L'ORÉAL, FR  
[22] 1995-10-06  
[30] FR (94 12 004) 1994-10-07

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[11] **2,160,796**  
[13] C

[51] **Int.Cl. 6A61M 25/09**  
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[73] Schneider (USA) Inc., US  
[85] 1995-10-17  
[86] 1994-04-06 (PCT/IB94/00058)  
[87] (WO94/26343)  
[30] US (08/061,083) 1993-05-14

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[11] **2,161,731**  
[13] C

[51] **Int.Cl. 6A61M 5/32**  
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[54] **PROTEGE-POINTE D'AIGUILLE**  
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[73] Becton, Dickinson and Company, US  
[22] 1995-10-30  
[30] US (08/343,798) 1994-11-22

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[11] **2,162,362**  
[13] C

[51] **Int.Cl. 6C11D 3/39 6C11D 3/395 6C11D 7/54**  
[25] EN  
[54] **BLEACHING COMPOUNDS COMPRISING N-ACYL CAPROLACTAM AND ALKANOYLOXYBENZENE SULFONATE BLEACH ACTIVATORS**  
[54] **COMPOSES DE BLANCHIMENT RENFERMANT DES ACTIVATEURS DE BLANCHIMENT A BASE DE CAPROLACTAME N-ACYLE ET DE SULFONATE D'ALCANOYLOXYBENZENE**  
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[72] Collins, Jerome Howard, US  
[73] Procter & Gamble Company (The), US  
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[87] (WO94/28105)  
[30] US (08/226915) 1994-04-13  
[30] US (08/064627) 1993-05-20

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[13] C

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[54] **REGULATEURS DE TENSION**  
[72] Harman, Stephen G., CA  
[73] NORTHERN TELECOM LIMITED, CA  
[85] 1995-11-08  
[86] 1994-06-15 (PCT/CA94/00331)  
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[11] **2,162,728**  
[13] C

[51] **Int.Cl. 6A63B 22/00 6A63B 69/18**  
[25] EN  
[54] **A QUADRILATERAL EXERCISE APPARATUS**  
[54] **EXERCISEUR QUADRILATERAL**  
[72] Feuer, Mark S., US  
[72] Kreiner, Fred W., US  
[72] Solow, Howard J., US  
[72] Harding, Michael H., US  
[73] Fittraxx, Inc., US  
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[13] C

[51] **Int.Cl. 6C09K 5/00 6F25B 27/00 6C23F 11/10**  
[25] EN  
[54] **METHOD OF LOW-TEMPERATURE STRATIFIED CHILLED WATER STORAGE**  
[54] **METHODE DE CONSERVATION D'EAU FRAICHE TOUT EN CONSERVANT LA STRATIFICATION THERMIQUE**  
[72] Mornhed, Goran, US  
[72] Young, John, US  
[72] Thompson, Harvey W., US  
[73] Trigen Energy Corporation, US  
[22] 1995-11-14  
[30] US (08/538,080) 1995-10-02



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[13] C

[51] **Int.Cl. 6H03H 5/00**  
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[72] Umezu, Keiichi, JP  
[73] NEC Corporation, JP  
[22] 1995-11-21  
[30] JP (6-286930) 1994-11-21

[11] 2,163,507  
[13] C

[51] **Int.Cl. 6F16C 33/46 6B66C 13/00 6F16C 25/08**  
[25] EN  
[54] **BEARING RETAINER ASSEMBLY**  
[54] **DISPOSITIF DE RETENUE DE PALIER**  
[72] Dretzka, Andrew P., US  
[73] Harnischfeger Corporation, US  
[22] 1995-11-22  
[30] US (08/529,320) 1995-09-18

[11] 2,163,863  
[13] C

[51] **Int.Cl. 6B65D 47/32 6B65D 47/20**  
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[54] **BOUCHON DE FERMETURE D'EVENT**  
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[72] Kubitz, Terry E., US  
[73] Creative Packaging Corporation, US  
[85] 1995-11-27  
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[87] (WO94/29216)  
[30] US (074,917) 1993-06-10

[11] 2,163,893  
[13] C

[51] **Int.Cl. 6C21C 7/10**  
[25] EN  
[54] **PRODUCTION METHOD FOR LOW CARBON MOLTEN STEEL USING VACUUM DEGASSING AND DECARBURIZATION TREATMENT**  
[54] **PROCEDE POUR L'OBTENTION D'ACIER FONDU A FAIBLE TENEUR EN CARBONE, UTILISANT LE DEGAZAGE SOUS VIDE ET LA DECARBURATION**  
[72] Moriguchi, Makoto, JP  
[72] Kaku, Toshihiko, JP  
[72] Yagura, Shigenori, JP  
[72] Endoh, Koichi, JP  
[72] Obana, Yasuo, JP  
[72] Hayashi, Fumio, JP  
[73] Nippon Steel Corporation, JP  
[85] 1995-11-27  
[86] 1994-06-06 (PCT/JP94/00911)  
[87] (WO94/29488)  
[30] JP (5-134333) 1993-06-04

[11] 2,164,550  
[13] C

[51] **Int.Cl. 6H04M 3/42 6H04M 1/274 6H04L 12/28**  
[25] EN  
[54] **COMMUNICATION SYSTEM USING SERVER**  
[54] **SYSTEME DE COMMUNICATION UTILISANT UN SERVEUR**  
[72] Evans, Ronald A., CA  
[72] Pinard, Deborah L., CA  
[72] Gray, Thomas A., CA  
[72] Henderson, Ken, CA  
[72] Lim, William, CA  
[73] Mitel Corporation, CA  
[22] 1995-12-06  
[30] US (08/364,620) 1994-12-27

[11] 2,164,661  
[13] C

[51] **Int.Cl. 6A61K 7/00 6A61K 6/00**  
[25] EN  
[54] **TEETH-COATING LIQUID**  
[54] **LUSTRE-DENT LIQUIDE**  
[72] Shiraishi, Katsuhiko, JP  
[72] Sakurai, Kiyokazu, JP  
[72] Kosaka, Tetsuo, JP  
[72] Umeno, Takashi, JP  
[72] Hasegawa, Tomoko, JP  
[72] Ami, Kazuhiro, JP  
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[73] Hanix Co., Ltd., JP  
[22] 1995-12-07  
[30] JP (Hei 6-332181) 1994-12-13  
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[30] JP (Hei 7-257350) 1995-10-04

[11] 2,164,804  
[13] C

[51] **Int.Cl. 6A61K 31/445 6A61K 31/33**  
[25] EN  
[54] **NK-1 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF NEURONAL INJURY AND STROKE**  
[54] **ANTAGONISTES DU RECEPTEUR NK-1 POUR LE TRAITEMENT DES LESIONS NEURONALES ET DE L'ICTUS**  
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[72] Nelson, Robert B., US  
[73] PFIZER INC., US  
[22] 1995-12-08  
[30] US (08/354,702) 1994-12-12

[11] 2,165,312  
[13] C

[51] **Int.Cl. 6A61F 13/56**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ATTACHING A WEB OF MATERIAL TO THE SIDE EDGES OF AN ABSORBENT ARTICLE**  
[54] **APPAREIL DE FIXATION D'UNE TRAME DE MATIERE AUX RIVES LATERALES D'UN ARTICLE ABSORBANT**  
[72] McFall, Ronald Ray, US  
[73] PROCTER & GAMBLE COMPANY (THE), US  
[85] 1995-12-14  
[86] 1994-06-08 (PCT/US94/06478)  
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[13] C

[51] **Int.Cl. 6B65B 67/12**  
[25] EN  
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[54] **CONTENANT SOUPLE ET PIECE DE RENFORT CORRESPONDANTE**  
[72] Uda, Mamoru, US  
[73] HELIOS CONTAINER SYSTEMS, INC., US  
[22] 1995-12-19  
[30] US (359,580) 1994-12-20

[11] **2,165,887**  
[13] C

[51] **Int.Cl. 6C07F 5/00 6C07F 15/00 6C07F 17/00 6C07F 7/10**  
[25] EN  
[54] **COMPLEXES OF THE LANTHANIDES WITH HETEROCYCLIC CARBENES**  
[54] **COMPLEXES DE LANTHANIDES AVEC DES CARBENES HETEROCYCLIQUES**  
[72] Herrmann, Wolfgang A., DE  
[73] CELANESE GMBH, DE  
[22] 1995-12-21  
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[11] **2,166,528**  
[13] C

[51] **Int.Cl. 6B60G 7/00 6B62D 7/18**  
[25] EN  
[54] **A CONTROL ARM FOR USE IN A VEHICLE WHEEL SUSPENSION SYSTEM**  
[54] **UNE TRINGLE DE COMMANDE POUR SUSPENSION DE VEHICULES**  
[72] Kelly, David E., CA  
[72] Buchner, Tomasz, CA  
[73] TRW Inc., US  
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[30] US (390,656) 1995-02-17

[11] **2,166,721**  
[13] C

[51] **Int.Cl. 6C07D 471/04 6A61K 31/435**  
[25] EN  
[54] **BICYCLIC TETRAHYDRO PYRAZOLOPYRIDINES**  
[54] **TETRAHYDROPYRAZOLOPYRIDINES BICYCLIQUES**  
[72] Duplantier, Allen Jacob, US  
[73] PFIZER INC., US  
[85] 1996-01-05  
[86] 1994-06-16 (PCT/IB94/00156)  
[87] (WO95/01980)  
[30] US (08/088,292) 1993-07-06

[11] **2,166,735**  
[13] C

[51] **Int.Cl. 6A23L 1/31**  
[25] EN  
[54] **PROCESSED MEAT, MEAT FOOD MATERIAL USING THE SAME, AND PRODUCTION METHOD FOR PROCESSED MEAT**  
[54] **VIANDE TRAITEE; PRODUITS ALIMENTAIRES A BASE DE LADITE VIANDE; PROCEDE POUR L'OBTENTION DE LA VIANDE TRAITEE**  
[72] Katayama, Hiroshi, JP  
[72] Katayama, Taro, JP  
[73] KABUSHIKI KAISHA KATAYAMA, JP  
[22] 1996-01-08  
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[11] **2,166,972**  
[13] C

[51] **Int.Cl. 6F16F 1/38**  
[25] FR  
[54] **SUPPORT ELASTIQUE COMPORTANT AU MOINS DEUX MANCHONS CYLINDRIQUES, MANCHONS POUR UN TEL SUPPORT ET PROCEDE DE FABRICATION DU SUPPORT AU MOYEN DESDITS MANCHONS**  
[54] **RESILIENT SUPPORT WITH AT LEAST TWO CYLINDRICAL SLEEVES, SLEEVES FOR SAME AND METHOD FOR MANUFACTURING SAID SUPPORT WITH SAID SLEEVES**  
[72] Gautheron, Michel, FR  
[73] CAOUTCHOUC MANUFACTURE ET PLASTIQUES, FR  
[85] 1996-01-10  
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[87] (WO95/31652)  
[30] FR (94/06159) 1994-05-18

[11] **2,167,359**  
[13] C

[51] **Int.Cl. 6H01Q 9/06 6H01Q 9/04 6H01Q 21/06 6H01Q 1/36**  
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[54] **ANTENNA APPARATUS USING A SHORT PATCH ANTENNA**  
[54] **ANTENNE UTILISANT UN COURT RADIATEUR A PLAQUE**  
[72] Ohtsuka, Masataka, JP  
[72] Konishi, Yoshihiko, JP  
[72] Matsunaga, Makoto, JP  
[72] Isota, Yoji, JP  
[72] Nakahara, Shintaro, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1996-01-16  
[30] JP (25129/1995) 1995-02-14

[11] **2,167,395**  
[13] C

[51] **Int.Cl. 6A61K 9/52 6A61K 9/14 6A61K 9/22**  
[25] EN  
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[54] **DISPOSITIFS OSMOTIQUES AVEC REVETEMENTS PERMEABLES A LA VAPEUR**  
[72] Cussler, Edward L., US  
[72] Herbig, Scott M., US  
[72] Smith, Kelly L., US  
[72] Van Eikeren, Paul, US  
[73] PFIZER INC., US  
[85] 1996-01-16  
[86] 1994-05-19 (PCT/IB94/00114)  
[87] (WO95/03033)  
[30] US (08/096,144) 1993-07-22

[11] **2,167,520**  
[13] C

[51] **Int.Cl. 6C12N 15/53 6C12N 9/02 6C12N 1/21 6C12P 19/62 6C12N 15/70**  
[25] EN  
[54] **GENES ENCODING BRANCHED-CHAIN ALPHA-KETOACID DEHYDROGENASE COMPLEX FROM STREPTOMYCES AVERMITILIS**  
[54] **GENES CODANT UN COMPLEXE DE DESHYDROGENASE ET D'ALPHA-CETOACIDE A CHAINE RAMIFIEE DE STREPTOMYCES AVERMITILIS**  
[72] Denoya, Claudio D., US  
[73] PFIZER INC., US  
[85] 1996-01-17  
[86] 1994-05-30 (PCT/IB94/00127)  
[87] (WO95/04150)  
[30] US (08/100,518) 1993-07-30

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[51] **Int.Cl. 6H02M 1/00**  
[25] EN  
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[54] **DISPOSITIF DE DETECTION DE SUCCESSION INCORRECTE DE PHASES**  
[72] Kawai, Jyoji, JP  
[72] Yamamoto, Yuushin, JP  
[73] MITSUBISHI DENKI KABUSHIKI KAISHA, JP  
[22] 1996-02-01  
[30] JP (7-150446) 1995-06-16

[11] **2,169,037**  
[13] C  
[51] **Int.Cl. 6G08G 1/0962 6G08G 1/095 6G08G 1/0967 6G08G 1/0968**  
[25] EN  
[54] **TRAFFIC CONTROL SYSTEM USING LIGHT EMITTING DIODES**  
[54] **SYSTEME DE REGULATION DE LA CIRCULATION, A DEL**  
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[22] 1996-02-07  
[30] US (08/386,816) 1995-02-08

[11] **2,169,386**  
[13] C  
[51] **Int.Cl. 6B27B 31/00 6B27B 25/00**  
[25] EN  
[54] **STAIR-LIKE LOG FEEDER**  
[54] **DISPOSITIF A GRADINS POUR L'ALIMENTATION EN RONDINS**  
[72] Weirathmueller, Friedrich, CA  
[73] Valley Machine Works Ltd., CA  
[22] 1996-02-13

[11] **2,170,622**  
[13] C  
[51] **Int.Cl. 6A61K 47/40 6A61K 9/08 6A61K 47/10 6A61K 31/495**  
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[73] Janssen Pharmaceutica, naamloze vennootschap, BE  
[85] 1996-02-28  
[86] 1994-09-22 (PCT/EP94/03169)  
[87] (WO95/08993)  
[30] US (08/129,504) 1993-09-30

[11] **2,170,700**  
[13] C  
[51] **Int.Cl. 6A61K 31/505**  
[25] EN  
[54] **PYRAZOLOPYRIMIDINES AND PYRROLOPYRIMIDINES FOR TREATMENT OF NEURONAL AND OTHER DISORDERS**  
[54] **PYRAZOLOPYRIMIDINES ET PYRROLOPYRIMIDINES POUR LE TRAITEMENT DES TROUBLES NEURONAUX OU AUTRES**  
[72] Chen, Yuhpyng L., US  
[73] PFIZER INC., US  
[22] 1996-02-29  
[30] US (08/397,527) 1995-03-02

[11] **2,171,022**  
[13] C  
[51] **Int.Cl. 6A61F 5/052**  
[25] EN  
[54] **ANTIFRICTION MECHANICAL JOINT FOR AN ORTHOPEDIC KNEE BRACE**  
[54] **ROTULE SANS FROTTEMENT SERVANT DE SUPPORT ORTHOPEDIQUE DU GENOU**  
[72] Fleming, Bruce, CA  
[73] Generation II Orthotics Inc., CA  
[85] 1996-03-04  
[86] 1994-05-02 (PCT/CA94/00238)  
[87] (WO95/07061)  
[30] US (07/120,261) 1993-09-09

[11] **2,171,158**  
[13] C  
[51] **Int.Cl. 6D01H 4/00**  
[25] EN  
[54] **AIR DIRECTING APPARATUS FOR USE WITH TEXTILE MACHINES AND THE LIKE**  
[54] **DEFLECTEUR D'AIR POUR MACHINES DE FILATURE ET APPAREILS SEMBLABLES**  
[72] Gengler, Mark S., US  
[73] Pneumafil Corporation, US  
[22] 1996-03-06  
[30] US (08/425,183) 1995-04-19

[11] **2,171,290**  
[13] C  
[51] **Int.Cl. 6A23L 1/317**  
[25] EN  
[54] **METHOD FOR RESTRUCTURATION OF RAW MEAT FOR PRODUCTION OF RESTRUCTURED RAW MEAT BY ADDITION TO THE MEAT OF TRANSGLUTAMINASE**  
[54] **METHODE DE RESTRUCTURATION DE VIANDE DESOSSEE PAR ADDITION DE TRANSGLUTAMINASE A CETTE VIANDE**  
[72] Moller, Anders Juel, DK  
[72] Nielsen, Ghita Studsgaard, DK  
[72] Petersen, Bent Riber, DK  
[73] Novo Nordisk A/S, DK  
[85] 1996-03-07  
[86] 1994-09-13 (PCT/DK94/00339)  
[87] (WO95/08274)  
[30] DK (1047/93) 1993-09-20

[11] **2,171,660**  
[13] C  
[51] **Int.Cl. 6E06B 3/32**  
[25] EN  
[54] **LIFT-OFF GUARD GUIDE FOR TILT SHOE**  
[54] **GARDE-GUIDE POUR PATIN D'UN MECANISME DE BASCULEMENT**  
[72] Habbersett, John I., US  
[73] CALDWELL MANUFACTURING COMPANY, US  
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[30] US (435,886) 1995-05-05

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[13] C

[51] **Int.Cl. 6C01F 17/00 6B01D 71/02 6C01G 1/02**  
[25] EN  
[54] **COMPOSITIONS CAPABLE OF OPERATING UNDER HIGH CARBON DIOXIDE PARTIAL PRESSURES FOR USE IN SOLID-STATE OXYGEN PRODUCING DEVICES**  
[54] **COMPOSITIONS POUVANT ETRE UTILISEES SOUS HAUTE PRESSION PARTIELLE DE DIOXYDE DE CARBONE DANS DES DISPOSITIFS DE PRODUCTION D'OXYGENE**  
[72] Carolan, Michael Francis, US  
[72] Motika, Stephen Andrew, US  
[72] Dyer, Paul Nigel, US  
[72] Alba, Patrick Benjamin, US  
[73] **AIR PRODUCTS AND CHEMICALS, INC., US**  
[22] 1996-03-13  
[30] US (08/402689) 1995-03-13  
[30] US (08/600668) 1996-02-29

[11] **2,172,030**  
[13] C

[51] **Int.Cl. 6G03D 13/08 6G03D 13/14**  
[25] EN  
[54] **FILM LEADER AND ARRANGEMENT FOR COUPLING FILM TO LEADER**  
[54] **AMORCE FIXEE SUR UN FILM ET MOYEN DE FIXATION DE L'AMORCE SUR LE FILM**  
[72] Masuda, Shigeru, JP  
[72] Arimoto, Keigo, JP  
[73] **Noritsu Koki Co., Ltd., JP**  
[22] 1996-03-18  
[30] JP (7-93506) 1995-04-19  
[30] JP (7-168643) 1995-07-04  
[30] JP (7-168783) 1995-07-04  
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[30] JP (7-230309) 1995-09-07

[11] **2,172,748**  
[13] C

[51] **Int.Cl. 6H04M 1/65 6G10L 5/06**  
[25] EN  
[54] **DIGITAL SECRETARY**  
[54] **SECRETAIRE NUMERIQUE**  
[72] Argade, Pramod Vasant, US  
[73] **AT&T IPM Corp., US**  
[22] 1996-03-27  
[30] US (496,372) 1995-06-29

[11] **2,173,444**  
[13] C

[51] **Int.Cl. 6A61K 7/42 6A61K 7/48**  
[25] EN  
[54] **COSMETIC COMPOSITION COMPRISING A HYDROCHALCONE AND OPTIONALLY RETINOL OR A DERIVATIVE THEREOF**  
[54] **COMPOSITION COSMETIQUE COMPRENANT UNE HYDROCHALCONE AINSI QUE FACULTATIVEMENT DU RETINOL OU UN DERIVE DE CELUI-CI**  
[72] Lee, Caroline Marian, GB  
[72] Prota, Giuseppe, IT  
[72] Green, Martin Richard, GB  
[73] **Unilever PLC, GB**  
[85] 1996-04-03  
[86] 1994-10-24 (PCT/GB94/02335)  
[87] (WO95/11662)  
[30] GB (9322007.7) 1993-10-26

[11] **2,173,531**  
[13] C

[51] **Int.Cl. 6C21D 1/74 6C21D 1/00**  
[25] EN  
[54] **CONTROLLED PROCESS FOR THE HEAT TREATING OF DELUBED MATERIAL**  
[54] **PROCEDE REGULE POUR LE TRAITEMENT THERMIQUE DE PIECES APRES DEGRAISSAGE THERMIQUE**  
[72] Nayar, Harbhajan S., US  
[72] White, George R., III, US  
[73] **The BOC Group, Inc., US**  
[22] 1996-04-04  
[30] US (08/440,431) 1995-05-12

[11] **2,174,684**  
[13] C

[51] **Int.Cl. 6H02M 7/155**  
[25] EN  
[54] **RECTIFIER CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE POUR REDRESSEUR**  
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TOWER**  
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[73] CRISSEY, Glenn C., US  
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[54] **ANTI-GRAFFITI PAINT  
COMPOSITION**  
[54] **COMPOSITION DE PEINTURE  
ANTI-GRAFFITIS**  
[72] MARTIN, Louis-Marie Joseph, CA  
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[51] **Int.Cl. 6A61K 31/42 6A61K 9/08  
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[25] EN  
[54] **FORMULATIONS FOR  
LIOPHILIC COMPOUNDS**  
[54] **FORMULATIONS POUR  
COMPOSES LIOPHILES**  
[72] SCHWARTZ, Donna Pruess, US  
[72] SHAWVER, Laura Kay, US  
[73] SUGEN, INC., US  
[85] 1997-09-12  
[86] 1996-04-17 (PCT/US96/05500)  
[87] (WO96/33745)  
[30] US (08/429,206) 1995-04-26

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[51] **Int.Cl. 6C02F 9/00 6B63B 35/44**  
[25] EN  
[54] **OFF-SHORE SEWAGE TREATING  
AND HANDLING APPARATUS AND  
METHOD**  
[54] **APPAREIL ET PROCEDE DE  
TRAITEMENT ET DE MANUTENTION  
D'EAUX D'EGOUT EN HAUTE MER**  
[72] ALLEN, John Leon, CA  
[73] ALLEN, John Leon, CA  
[85] 1998-09-10  
[86] 1997-03-12 (PCT/IB97/00497)  
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[25] EN  
[54] **PALLET RACK REPAIR SYSTEM**  
[54] **SYSTEME DE REPARATION DE  
PALETTIER**  
[72] DION, Dany, CA  
[73] DAMOTECH INC., CA  
[22] 1998-03-13

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[25] EN  
[54] **BARREL STORAGE UNIT**  
[54] **UNITE DE STOCKAGE DE BARILS**  
[72] PUGH, Dana, CA  
[73] PUGH, Dana, CA  
[22] 1998-04-14

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[13] C

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[25] EN  
[54] **ANTI-GRAFFITI CEMENT PASTE**  
[54] **COMPOSE DE PEINTURE ANTI-  
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[72] MARTIN, Louis-Marie Joseph, CA  
[73] MARTIN, Louis-Marie Joseph, CA  
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[62] 2214336  
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[51] **Int.Cl. 6C07H 21/04 6A61K 39/00 6H01B 1/12 6C12Q 1/68 6A61K 31/70**  
[25] EN  
[54] **METAL-CONTAINING DNA**  
[54] **ADN CONTENANT DU METAL**  
[72] LEE, Jeremy S., CA  
[72] AICH, Palok, CA  
[71] The University of Saskatchewan, CA  
[22] 1997-12-16  
[43] 1999-06-16

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[51] **Int.Cl. 6B62K 25/00**  
[25] EN  
[54] **TONY'S HYDRAULIC SYSTEM**  
[54] **SYSTEME HYDRAULIQUE**  
[72] UNKNOWN, CA  
[71] DEMERS, Mychelin, CA  
[22] 1997-12-15  
[43] 1999-06-15

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[51] **Int.Cl. 6E04C 1/00**  
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[54] **RAY BRICK**  
[54] **LA BRIQUE RAY**  
[72] RAYMENT, Paul, CA  
[71] RAYMENT, Paul, CA  
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[51] **Int.Cl. 6B60R 22/12**  
[25] EN  
[54] **REFLECTIVE SEAT BELT ASSEMBLY**  
[54] **CEINTURE DE SECURITE REFLECHISSANTE**  
[72] HASKELL, Phil, CA  
[71] HASKELL, Phil, CA  
[22] 1997-12-18  
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[51] **Int.Cl. 6A63B 69/18 6A63C 11/00**  
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[54] **SKI-TUBE**  
[54] **SKI-TUBE**  
[72] MONGEON, Jean-Pierre, CA  
[71] MONGEON, Jean-Pierre, CA  
[22] 1997-12-17  
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[51] **Int.Cl. 6A43C 3/00**  
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[72] ROBERT, Francyn, CA  
[71] ROBERT, Francyn, CA  
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[51] **Int.Cl. 6B05B 1/26 6A62C 37/08 6C25D 3/56**  
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[54] **PLATED SPRINKLER HEAD**  
[54] **TETE DE GICLEUR PLAQUEE**  
[72] TRUAX, Perin E., US  
[71] THE VIKING CORPORATION, US  
[22] 1997-12-19  
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[51] **Int.Cl. 6G05D 23/19 6F24F 11/00**  
[25] FR  
[54] **PRINCIPE DE RACCORDEMENT D'UN RESEAU POUR LE CONFORT D'AMBIANCE**  
[54] **THERMOSTAT ARRAY CONNECTING SYSTEM**  
[72] BERGERON, Roma, CA  
[72] VIGLIONE, Louis, CA  
[71] BERGERON, Roma, CA  
[71] VIGLIONE, Louis, CA  
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[13] A1  
[51] **Int.Cl. 6C12Q 1/18 6C12Q 1/02 6C12Q 1/68**  
[25] EN  
[54] **A NEW TARGET FOR ANTIBIOTIC DESIGN**  
[54] **NOUVELLE CIBLE DANS LA CONCEPTION D'ANTIBIOTIQUES**  
[72] NEWMAN, Elaine B., CA  
[71] NEWMAN, Elaine B., CA  
[22] 1997-12-15  
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[13] A1  
[51] **Int.Cl. 6B29C 45/73**  
[25] EN  
[54] **INJECTION MOLDING APPARATUS WITH COOLED CORE**  
[54] **APPAREIL DE MOULAGE PAR INJECTION AVEC NOYAU DE MOULE REFROIDI**  
[72] GUENTHER, Hans, CA  
[72] BABIN, Denis L., CA  
[72] GELLERT, Jobst Ulrich, CA  
[71] MOLD-MASTERS LIMITED, CA  
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[13] A1  
[51] **Int.Cl. 6A63B 22/02 6A63B 21/005**  
[25] EN  
[54] **AN IMPROVEMENT ON THE SPROCKET RETARDING BELT FOR EXERCISE EQUIPMENT**  
[54] **AMELIORATION APPOURTEE A LA COURROIE DE FREINAGE DE LA ROUE DENTEE POUR EQUIPEMENT D'EXERCICE**  
[72] WANG, Leao, TW  
[71] GREENMASTER INDUSTRIAL CORP., TW  
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[25] EN  
[54] **LOUVER CONTROL IN A MOVABLE LOUVER ASSEMBLY**  
[54] **CONTROLE D'EVENTS D'UN AERATEUR A LAME MOBILE**  
[72] GABRIELE, Angelo, CA  
[71] Vinylbilt Shutters Systems Inc., CA  
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[13] A1  
[51] **Int.Cl. 6A01B 49/06 6A01C 21/00 6A01C 7/06**  
[25] EN  
[54] **SEEDING SYSTEM: ALTERNATING PAIRED SEED AND FERTILIZER ROWS**  
[54] **SYSTEME D'ENSEMENCEMENT ALTERNANT DE SEMENCES ET D'ENGRAIS EN LIGNES JUMEELES**  
[72] CLEVELAND, Dean, CA  
[71] BOURGAULT INDUSTRIES LTD., CA  
[22] 1997-12-15  
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[13] A1  
[51] **Int.Cl. 6F42C 19/12 6F42D 1/045 6F42B 3/18**  
[25] EN  
[54] **DETONATOR APPARATUS AND METHOD**  
[54] **APPAREIL DETONATEUR ET METHODE CONNEXE**  
[72] LIU, Liqing, CA  
[71] PRIME PERFORATING SYSTEMS LIMITED, CA  
[22] 1997-12-16  
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[51] **Int.Cl. 6C04B 2/04**  
[25] EN  
[54] **METHOD FOR CONDITIONING FLUIDISED BED COMBUSTOR ASHES**  
[54] **METHODE DE CONDITIONNEMENT DE CENDRES DE COMBUSTION EN LIT FLUIDISE**  
[72] ANTHONY, Edward J., CA  
[71] ANTHONY, Edward J., CA  
[22] 1997-12-15  
[43] 1999-06-15

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[21] **2,224,908**  
[13] A1  
[51] **Int.Cl. 6A01G 23/10**  
[25] EN  
[54] **DEVICE FOR COLLECTING SAP**  
[54] **DISPOSITIF POUR RECUEILLIR LA SEVE**  
[72] PAQUETTE, Pierre, CA  
[71] PAQUETTE, Pierre, CA  
[22] 1997-12-16  
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[13] A1  
[51] **Int.Cl. 6H01Q 1/18 6H04B 7/185**  
[25] EN  
[54] **SATELLITE DISH STABILIZER**  
[54] **STABILISATEUR D'ANTENNES PARABOLIQUES**  
[72] LAWLOR, Michael, CA  
[72] BOULOS, John, CA  
[71] LAWLOR, Michael, CA  
[71] BOULOS, John, CA  
[22] 1997-12-16  
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[21] **2,224,939**  
[13] A1  
[51] **Int.Cl. 6A23J 3/16 6A23P 1/10**  
[25] EN  
[54] **FORM SYSTEM FOR TOFU PRODUCTION**  
[54] **SYSTEME DE FORMES POUR LA PRODUCTION DE TOFU**  
[72] KUAN, Feng-Shian, TW  
[71] CHUANG, Ming-Hung, TW  
[22] 1997-12-16  
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[13] A1  
[51] **Int.Cl. 6E04G 11/08 6E04G 19/00**  
[25] EN  
[54] **CONCRETE FORMWORK WITH BACKING PLATES**  
[54] **COFFRAGE BETON AVEC PLAQUE INFERIEURE**  
[72] GRUTSCH, George A., US  
[71] GRUTSCH, George A., US  
[22] 1997-12-16  
[43] 1999-06-16

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[21] **2,224,953**  
[13] A1  
[51] **Int.Cl. 6H01L 27/02**  
[25] EN  
[54] **A LOW VOLTAGE TOPOLOGY FOR RADIO FREQUENCY INTEGRATED CIRCUIT DESIGN**  
[54] **TOPOLOGIE A BASSE TENSION POUR CIRCUIT INTEGRE HAUTE FREQUENCE**  
[72] MANKU, Tanjinder, CA  
[71] The University of Waterloo, CA  
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[13] A1

[51] **Int.Cl. 6H02M 1/00 6H05B 43/00 6H02M 1/10 6H02J 3/18**  
[25] EN  
[54] **VOLTAGE BOOSTER FOR ENABLING THE POWER FACTOR CONTROLLER OF A LED LAMP UPON LOW AC OR DC SUPPLY**  
[54] **SURVOLTEUR POUR ACTIVER LE REGULATEUR DU FACTEUR DE PUISSANCE D'UN VOYANT DEL LORSQU'IL Y A BASSE ALIMENTATION EN CONTINU OU EN ALTERNATIF**  
[72] MALENFANT, Martin, CA  
[71] MALENFANT, Martin, CA  
[22] 1997-12-17  
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[13] A1

[51] **Int.Cl. 6H05B 43/00 6H02J 1/00 6G08G 1/07 6H03H 11/46**  
[25] EN  
[54] **LED LAMP WITH A FAULT-INDICATING EMPEDANCE-CHANGING CIRCUIT**  
[54] **VOYANT DEL AVEC CIRCUIT INDICATEUR DE PANNES ET DONT L'IMPEDANCE VARIE**  
[72] MALENFANT, Martin, CA  
[71] ÉCOLUX INC., CA  
[22] 1997-12-17  
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[13] A1

[51] **Int.Cl. 6C07F 17/00 6C07F 5/02 6C08F 10/02 6C08F 4/64**  
[25] EN  
[54] **B-N HETEROCYCLIC LIGANDS**  
[54] **LIGANDS HETEROCYCLIQUES B-N (BORE-AZOTE)**  
[72] GAO, Xiaoliang, CA  
[72] WANG, Qinyan, CA  
[72] ZORICAK, Peter, CA  
[71] NOVA Chemicals Ltd., CA  
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[54] **SCREW**  
[54] **VIS**  
[72] CHENG, Chao-Tai, TW  
[72] CHEN, Sen-Yang, TW  
[71] CHEN, Sen-Yang, TW  
[22] 1997-12-17  
[43] 1999-06-17

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[21] **2,225,106**  
[13] A1

[51] **Int.Cl. 6A47K 11/02**  
[25] EN  
[54] **DRY TYPE TOILET SYSTEM**  
[54] **SYSTEME DE TOILETTES SECHES**  
[72] NIAN, Chin Fu, CN  
[71] NIAN, Chin Fu, CN  
[22] 1997-12-17  
[43] 1999-06-17

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[21] **2,225,119**  
[13] A1

[51] **Int.Cl. 6E06B 3/22**  
[25] EN  
[54] **WINDOW FRAME SYSTEM WITH INTEGRAL MULTI-FUNCTION CHANNEL**  
[54] **SYSTEME DE CHASSIS AVEC RIGOLES INTEGREES MULTIFONCTIONNELLES**  
[72] SON, Yong Sik, CA  
[71] ACAN WINDOWS INC., CA  
[22] 1997-12-17  
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[13] A1

[51] **Int.Cl. 6F02M 27/02 6F02M 27/04 6F23D 11/36 6F23D 14/68**  
[25] EN  
[54] **HYDROCARBON FUEL MODIFICATION DEVICE AND A METHOD FOR IMPROVING THE COMBUSTION CHARACTERISTICS OF HYDROCARBON FUELS**  
[54] **APPAREIL DE MODIFICATION DE COMBUSTIBLE HYDROCARBONE ET METHODE POUR AMELIORER LES CARACTERISTIQUES DE COMBUSTION D'UN COMBUSTIBLE D'HYDROCARBONE**  
[72] BUTT, David J., CA  
[71] BUTT, David J., CA  
[22] 1997-12-18  
[43] 1999-06-18

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[13] A1

[51] **Int.Cl. 6C12N 15/12 6C07H 21/00 6A61K 48/00 6C07K 19/00 6A01K 67/027 6A01K 67/033 6A61K 38/17 6C07K 16/28 6G01N 33/53 6C12N 15/62 6C12Q 1/68 6A61K 31/70 6C07K 14/705**  
[25] EN  
[54] **MAMMALIAN BRAINIAC AND EGGHEAD GENES**  
[54] **GENES BRAINIAC ET EGGHEAD DE MAMMIFERES**  
[72] EGAN, Sean E., CA  
[71] HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP, CA  
[22] 1997-12-17  
[43] 1999-06-17

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[13] A1

[51] **Int.Cl. 6B62B 13/04 6A63C 5/00 6B62B 19/04 6B62H 1/14**  
[25] EN  
[54] **MOUNTING DEVICE FOR SECURING A FRAME ONTO A SNOWBOARD**  
[54] **DISPOSITIF DE FIXATION D'UN CADRE SUR PLANCHE A NEIGE**  
[72] STAFFORD, Jamie, CA  
[71] STAFFORD, Jamie, CA  
[22] 1997-12-17  
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[13] A1  
[51] **Int.Cl. 6E04B 1/00 6E04F 19/00**  
[25] EN  
[54] **FINISHED ROOM AND METHOD OF FINISHING A ROOM**  
[54] **SALLE FINIE ET METHODE POUR FINIR UNE SALLE**  
[72] MILLER, W. Scott, US  
[72] SMITH, Mark H., US  
[72] ALOI, Traci L., US  
[71] Owens Corning, US  
[22] 1997-12-18  
[43] 1999-06-17  
[30] US (08/982,187) 1997-12-17

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[13] A1  
[51] **Int.Cl. 6C08G 18/32 6C09D 175/04**  
[25] EN  
[54] **POLYURETHANE POLYOLS AND COATINGS THEREOF HAVING REDUCED VISCOSITY**  
[54] **POLYOLS DE POLYURETHANE ET REVETEMENTS VISCOSITE REDUITE COMPOSES DE CEUX-CI**  
[72] YAHKIND, Alexander Leo, US  
[72] WAGSTAFF, Ian, US  
[72] WALKER, Frederick Herbert, US  
[71] AKZO NOBEL N.V., NL  
[22] 1997-12-18  
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[13] A1  
[51] **Int.Cl. 6G11B 27/00 6G07F 17/30**  
[25] EN  
[54] **DISTRIBUTED DIGITAL DATA DELIVERY SYSTEM**  
[54] **SYSTEME DE DISTRIBUTION ET DE LIVRAISON DE DONNEES NUMERIQUES**  
[72] OAKLEY, Glenn Robin, CA  
[71] R2M Distribution Inc., Q1  
[22] 1997-12-18  
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[21] **2,225,196**  
[13] A1  
[51] **Int.Cl. 6E01H 5/04**  
[25] EN  
[54] **SNOWBLOWER ATTACHMENT**  
[54] **ACCESSOIRE DE SOUFFLEUSE**  
[72] BUSKE, Kenneth, CA  
[71] BUSKE, Kenneth, CA  
[22] 1997-12-18  
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[21] **2,225,204**  
[13] A1  
[51] **Int.Cl. 6F04B 7/06 6F04B 13/00**  
[25] EN  
[54] **VALVELESS METERING PUMP**  
[54] **POMPE DOSEUSE SANS CLAPET**  
[72] STEARNS, Stanley D., US  
[72] WERNER, Paul, CH  
[71] STEARNS, Stanley D., US  
[71] WERNER, Paul, CH  
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[13] A1  
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[25] EN  
[54] **FENCE SYSTEM**  
[54] **SYSTEME DE CLOTURE**  
[72] SIMIONI, Lino, CA  
[71] SIMIONI, Lino, CA  
[22] 1997-12-18  
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[21] **2,225,223**  
[13] A1  
[51] **Int.Cl. 6C02F 1/66**  
[25] EN  
[54] **METHODS FOR THE REDUCTION AND CONTROL OF THE RELEASE OF GAS AND ODORS FROM SEWAGE AND WASTE WATER**  
[54] **METHODES DE REDUCTION ET DE CONTROLE D'EMISSIONS DE GAZ ET D'ODEURS PROVENANT D'EAUX USEES**  
[72] SHAND, Mark A., US  
[72] MILLER, Thomas M., US  
[71] PSC Technologies, Inc., US  
[22] 1997-12-18  
[43] 1999-06-18

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[13] A1  
[51] **Int.Cl. 6H04R 3/00 6B60R 11/02 6H04Q 7/32**  
[25] EN  
[54] **DEVICE FOR ROUTING AUDIO SIGNAL IN VEHICLE**  
[54] **DISPOSITIF D'ACHEMINEMENT DE SIGNAUX AUDIO DANS UN VEHICULE**  
[72] VAGENAS, Tasso, CA  
[72] VAGENAS, John, CA  
[71] VAGENAS, Tasso, CA  
[71] VAGENAS, John, CA  
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[13] A1  
[51] **Int.Cl. 6H01Q 15/14**  
[25] EN  
[54] **SATELLITE ANTENNA SYSTEM**  
[54] **SYSTEME D'ANTENNE DE SATELLITE**  
[72] SAUCIER, Marcel, CA  
[71] SAUCIER, Marcel, CA  
[22] 1997-12-18  
[43] 1999-06-18

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[21] **2,225,227**  
[13] A1  
[51] **Int.Cl. 6H04L 12/66 6H04L 12/46**  
[25] EN  
[54] **INTELLIGENT COMMUNICATION AND APPLICATIONS SERVER**  
[54] **SERVEURS D'APPLICATIONS ET COMMUNICATION INTELLIGENTE**  
[72] ZIVOJINOVIC, Vojin, CA  
[72] COVELEY, Michael, CA  
[71] ZIVOJINOVIC, Vojin, CA  
[71] COVELEY, Michael, CA  
[22] 1997-12-18  
[43] 1999-06-18

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[21] **2,225,231**  
[13] A1  
[51] **Int.Cl. 6H04B 17/00 6H04Q 7/34**  
[25] EN  
[54] **tone detection using discrete fourier transform techniques**  
[54] **DETECTION DE FREQUENCE UTILISANT DES TECHNIQUES DE TRANSFORMATION FOURIER DISCRETES**  
[72] TONG, Wen, CA  
[72] WANG, Rui, CA  
[71] TONG, Wen, CA  
[71] WANG, Rui, CA  
[22] 1997-12-19  
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**13 juin 1999 - 19 juin 1999**

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[13] A1

[51] **Int.Cl. 6H04M 19/00 6H04M 7/00**  
[25] EN  
[54] **A LINE INTERFACE MODULE  
MODULE D'INTERFACE DE  
LIGNE**  
[72] DANIELS, Michael H., CA  
[72] HANDFORTH, Martin Ridgway, CA  
[72] PATERSON, Donald G., US  
[72] MAJMUDAR, Sudhir, CA  
[71] NORTHERN TELECOM LIMITED,  
CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,268**  
[13] A1

[51] **Int.Cl. 6H05K 5/02 6H05K 7/02  
6H05K 1/18 6G08B 13/22**  
[25] EN  
[54] **ELECTRICAL CONNECTION  
ARRANGEMENT**  
[54] **SYSTEME DE LIAISONS  
ELECTRIQUES**  
[72] YUEN, Ki Sheung, CA  
[72] WONG, Yiu Kong, CA  
[71] INTERNATIONAL VERIFACT INC.,  
CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,297**  
[13] A1

[51] **Int.Cl. 6C10G 25/02 6C10G 17/02  
6C10G 19/02**  
[25] EN  
[54] **PURIFICATION OF BROKEN  
FRAC FLUID**  
[54] **PURIFICATION DE LIQUIDES DE  
FRACTURATION**  
[72] STRICKLAND, Glenna L., CA  
[72] MESHER, Shaun T.E., CA  
[72] LOREE, Dwight N., CA  
[71] TRY SOL LIMITED, CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,236**  
[13] A1

[51] **Int.Cl. 6G11B 7/28**  
[25] EN  
[54] **METHOD FOR READING AND RE-  
RECORDING AUDIO CD  
SOUNDTRACKS**  
[54] **METHODE DE LECTURE ET DE  
RE-ENREGISTREMENT  
D'ENREGISTREMENT AUDIO DC**  
[72] OAKLEY, Glenn Robin, CA  
[71] R2M Distribution Inc., Q1  
[22] 1997-12-18  
[43] 1999-06-18

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[21] **2,225,287**  
[13] A1

[51] **Int.Cl. 6B29C 45/22 6B29C 45/16**  
[25] EN  
[54] **MULTI-LAYER INJECTION  
MOLDING APPARATUS HAVING  
THREE POSITION VALVE MEMBER**  
[54] **APPAREIL DE MOULAGE PAR  
INJECTION A COUCHES MULTIPLES  
MUNI D'UNE SOUPE A TROIS  
POSITIONS**  
[72] GELLERT, Jobst Ulrich, CA  
[72] ZHUANG, Helen, CA  
[71] MOLD-MASTERS LIMITED, CA  
[22] 1997-12-18  
[43] 1999-06-18

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[21] **2,225,300**  
[13] A1

[51] **Int.Cl. 6B65D 43/06 6B65D 43/03  
6B44D 3/12 6B65D 25/48**  
[25] EN  
[54] **SUBSTITUTE LID DEVICE**  
[54] **OPERCULE DE SUBSTITUTION**  
[72] JOHNSON, Robert Elliott, CA  
[71] JOHNSON, Robert Elliott, CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,257**  
[13] A1

[51] **Int.Cl. 6B65D 85/32**  
[25] EN  
[54] **MOULDED HOLDER FOR EGGS,  
CUPS AND THE LIKE**  
[54] **SUPPORT MOULE POUR OEUFS,  
TASSES ET AUTRES**  
[72] PEARSON, Harry, CA  
[71] PEARSON, Harry, CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,293**  
[13] A1

[51] **Int.Cl. 6B01J 19/32 6F28F 25/08**  
[25] EN  
[54] **STRUCTURED PACKING FOR AN  
EXCHANGE COLUMN**  
[54] **EMPILEMENT STRUCTURE POUR  
UNE COLONNE ECHANGEUSE D'IONS**  
[72] MACKENZIE, Douglas H., CA  
[71] Gas Liquids Engineering Ltd., CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,302**  
[13] A1

[51] **Int.Cl. 6A45F 5/10 6A45C 13/22  
6A45C 13/26**  
[25] EN  
[54] **PORTABLE BAG HANDLE**  
[54] **POIGNEE DE SAC PORTATIVE**  
[72] STARK, Jeffrey Z., CA  
[71] STARK, Jeffrey Z., CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,263**  
[13] A1

[51] **Int.Cl. 6F23R 3/28 6F02C 7/22**  
[25] EN  
[54] **FLUID MANIFOLD**  
[54] **COLLECTEUR DE LIQUIDES**  
[72] ALLAN, Frederic James, CA  
[71] Rolls-Royce plc, GB  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,305**  
[13] A1

[51] **Int.Cl. 6B29C 49/64**  
[25] EN  
[54] **PROCESS FOR HEAT TREATING  
THERMOPLASTIC CONTAINERS**  
[54] **PROCESSUS DE TRAITEMENT  
THERMIQUE DE CONTENEURS  
THERMOPLASTIQUES**  
[72] VALYI, Emery I., US  
[71] VALYI, Emery I., US  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,325**  
[13] A1  
[51] **Int.Cl. 6C07K 5/027 6C07K 1/06  
6C07K 5/065 6C07C 271/22 6C07D 333/24  
6C07D 207/337 6C07D 307/54**  
[25] EN  
[54] **HEMIASSTERLIN ANALOGS**  
[54] **SUBSTANCES HEMIASSTERLINES  
ANALOGUES**  
[72] ANDERSEN, Raymond, CA  
[72] ROBERGE, Michel, CA  
[72] NIEMAN, James, CA  
[72] COLEMAN, John, CA  
[72] PIERS, Edward, CA  
[71] The University of British Columbia, CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,326**  
[13] A1  
[51] **Int.Cl. 6C07K 1/13 6C07K 7/06  
6A61K 51/08**  
[25] EN  
[54] **A SIMPLE AND EFFICIENT  
METHOD TO PREPARE  
TECHNETIUM-99M LABELLED  
PEPTIDES**  
[54] **METHODE SIMPLE ET EFFICACE  
POUR PREPARER DES PEPTIDES  
MARQUES AU TECHNETIUM 99M**  
[72] OKARVI, Subhani M., CA  
[72] WISHART, David, CA  
[72] VAN DOMESELAAR, Gary, CA  
[72] SURESH, Mavanur R., CA  
[71] OKARVI, Subhani M., CA  
[71] WISHART, David, CA  
[71] VAN DOMESELAAR, Gary, CA  
[71] SURESH, Mavanur R., CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,328**  
[13] A1  
[51] **Int.Cl. 6A01K 1/015 6A01K 1/01**  
[25] EN  
[54] **CLUMPING ANIMAL LITTER AND  
METHOD**  
[54] **LITIERE AGGLUTINANTE POUR  
ANIMAUX ET METHODE  
D'UTILISATION**  
[72] PARR, Michael J., CA  
[71] PARR, Michael J., CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,367**  
[13] A1  
[51] **Int.Cl. 6B09B 3/00 6H01H 1/02  
6H01M 2/02 6B65D 85/84**  
[25] EN  
[54] **CONTAINERIZED METAL  
FIXATION APPARATUS**  
[54] **APPAREIL DE  
CONTENEURISATION DE METAUX**  
[72] WEBSTER, William C., US  
[71] Solucorp Industries Ltd., US  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,370**  
[13] A1  
[51] **Int.Cl. 6C22B 3/12 6C22B 3/42**  
[25] EN  
[54] **A PROCESS FOR RECOVERING  
ZINC VALUES**  
[54] **PROCESSUS DE RECUPERATION  
DES VALEURS DU ZINC**  
[72] MACDONALD, Walter Martin, CA  
[72] ROSEANU, Ecaterina Gabriela, CA  
[72] HOLBEIN, Edward Bruce, CA  
[71] MACDONALD, Walter Martin, CA  
[71] ROSEANU, Ecaterina Gabriela, CA  
[71] HOLBEIN, Edward Bruce, CA  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,791**  
[13] A1  
[51] **Int.Cl. 6A61F 2/16**  
[25] FR  
[54] **DISPOSITIF DE PLIAGE ET DE  
MAINTIEN PLIE D'UN IMPLANT  
INTRAOCULAIRE SOUPLE**  
[54] **FOLDING AND LOCKING DEVICE  
OF A FLEXIBLE INTRAOCULAR  
IMPLANT**  
[72] DUPRAT, Alain, FR  
[71] MORIA SA, FR  
[22] 1997-12-19  
[43] 1999-06-19

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[21] **2,225,884**  
[13] A1  
[51] **Int.Cl. 6E01C 19/20 6A01K 1/00  
6A01K 1/015**  
[25] EN  
[54] **BEDDING MATERIAL SPREADER  
DEVICE**  
[54] **EPANDEUR DE MATERIEL DE  
MISE EN LIT**  
[72] BECKER, Harry H., US  
[71] BECKER, Harry H., US  
[22] 1997-12-29  
[43] 1999-06-16  
[30] US (08/991,774) 1997-12-16

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[21] **2,226,067**  
[13] A1  
[51] **Int.Cl. 6E01C 5/06**  
[25] EN  
[54] **LANDSCAPING APPARATUS**  
[54] **APPAREIL POUR PAYSAGISTE**  
[72] RICCOBENE, Thomas S., US  
[71] RICCOBENE, Thomas S., US  
[22] 1997-12-30  
[43] 1999-06-17  
[30] US (08/992,154) 1997-12-17

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[21] **2,229,386**  
[13] A1  
[51] **Int.Cl. 6C07K 16/44 6C07H 21/00  
6C12Q 1/68**  
[25] EN  
[54] **CONDUCTIVE METAL-  
CONTAINING NUCLEIC ACIDS**  
[54] **ACIDES NUCLEIQUES  
CONTENANT DU METAL CONDUCTIF**  
[72] LEE, Jeremy S., CA  
[72] AICH, Palok, CA  
[71] The University of Saskatchewan, CA  
[22] 1998-02-11  
[43] 1999-06-16  
[30] CA (2,218,443) 1997-12-16

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[21] **2,230,628**  
[13] A1

[51] **Int.Cl. 6B65D 90/24 6B65D 90/50**  
[25] EN  
[54] **BASE-SURROUNDED RETROFIT ENCLOSURE ASSEMBLIES FOR CONTAINING LEAKAGE**  
[54] **ENCEINTES MODERNISEES POUR BASE D'APPAREILS ELECTROMENAGERS POUVANT CONTENIR LES FUITES**  
[72] JANESKY, Lawrence M., US  
[71] JANESKY, Lawrence M., US  
[22] 1998-02-26  
[43] 1999-06-17  
[30] US (08/992,937) 1997-12-17

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[21] **2,230,848**  
[13] A1

[51] **Int.Cl. 6B23K 9/007**  
[25] EN  
[54] **DEVICE FOR SPOT-WELDING OF MOTOR-VEHICLE BODIES OR SUB-ASSEMBLIES THEREOF**  
[54] **DISPOSITIF DE SOUDAGE PAR POINT DE CARROSSERIES DE VEHICULES MOTORISES OU DE SOUS-ENSEMBLES DE CELLES-CI**  
[72] ALBORANTE, Giancarlo, IT  
[71] COMAU Spa, IT  
[22] 1998-02-26  
[43] 1999-06-18  
[30] EP (97830687.6) 1997-12-18

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[21] **2,234,039**  
[13] A1

[51] **Int.Cl. 6E04B 7/00 6A01G 9/14 6E06B 3/54**  
[25] EN  
[54] **CLADDING OF CONSERVATORY ROOF COMPONENTS**  
[54] **GAINAGE DE COMPOSANTS DE TOITURE DE SERRES**  
[72] RICHARDSON, Christopher, GB  
[71] ULTRAFRAME (UK) LIMITED, GB  
[22] 1998-04-03  
[43] 1999-06-18  
[30] GB (9726716.5) 1997-12-18

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[21] **2,234,813**  
[13] A1

[51] **Int.Cl. 6F16D 65/04**  
[25] EN  
[54] **RAILWAY BRAKE SHOE BACKING PLATE WITH IMPROVED MOUNTING ALIGNMENT FEATURE**  
[54] **PLATEAU DE FREIN POUR SEGMENTS DE FREIN DE VEHICULES DE CHEMIN DE FER AVEC CARACTERISTIQUE AMELIOREE D'ALIGNEMENT DE FIXATION**  
[72] KAHR, Joseph C., US  
[71] WESTINGHOUSE AIR BRAKE COMPANY, US  
[22] 1998-04-16  
[43] 1999-06-18  
[30] US (993,069) 1997-12-18

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[21] **2,235,647**  
[13] A1

[51] **Int.Cl. 6B65G 57/26 6B27D 5/00**  
[25] EN  
[54] **IMPROVED LUMBER STACKING APPARATUS WITH AUTOMATED STICKER FEEDING FEATURE**  
[54] **MACHINE D'EMPLIAGE AMELIORE DE BOIE DE CONSTRUCTION AVEC ALIMENTEUR AUTOMATISE DE BAGUETTES**  
[72] LUNDEN, Sidney L., US  
[71] LUNDEN, Sidney L., US  
[22] 1998-04-23  
[43] 1999-06-16  
[30] US (08/991,732) 1997-12-16

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[21] **2,237,051**  
[13] A1

[51] **Int.Cl. 6C12N 15/11 6A61K 48/00 6C07K 7/08 6A61K 38/10 6A61K 31/70**  
[25] EN  
[54] **ENHANCED AFFINITY HYALURONAN BINDING PEPTIDES**  
[54] **AFFINITE AMELIOREE DE PEPTIDES LIES A L'HYALURONAN**  
[72] TURLEY, Eva A., CA  
[71] TURLEY, Eva A., CA  
[22] 1998-07-08  
[43] 1999-06-19  
[30] US (60/068,285) 1997-12-19

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[21] **2,240,780**  
[13] A1

[51] **Int.Cl. 6B62D 15/00 6B62D 5/00**  
[25] EN  
[54] **STEERING INPUT DEVICE**  
[54] **DISPOSITIF DE LA DIRECTION**  
[72] EASTON, David Joseph, US  
[71] DEERE & COMPANY, US  
[22] 1998-07-14  
[43] 1999-06-17  
[30] US (08/991,961) 1997-12-17

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[21] **2,241,057**  
[13] A1

[51] **Int.Cl. 6A47C 7/00 6A47C 27/00**  
[25] EN  
[54] **ARTICLES WITH GRIPPING SURFACES**  
[54] **ARTICLES AVEC SURFACES DE RETENUE**  
[72] COOPER, Robert W., US  
[71] KLEAR-VU CORPORATION, US  
[22] 1998-06-18  
[43] 1999-06-18  
[30] US (08/993,602) 1997-12-18

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[21] **2,242,078**  
[13] A1

[51] **Int.Cl. 6B22D 41/50**  
[25] EN  
[54] **POURING TUBE STRUCTURE AND ASSEMBLY**  
[54] **ENSEMBLE ET STRUCTURE DE TUBES VERSEURS**  
[72] PEEVLER, Gary M., US  
[72] MYERS, Jonathan L., US  
[71] AMSTED INDUSTRIES INCORPORATED, US  
[22] 1998-08-07  
[43] 1999-06-17  
[30] US (08/992,275) 1997-12-17

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[21] **2,242,107**  
[13] A1

[51] **Int.Cl. 6A23P 1/02 6A23P 1/04 6A61K 9/28**  
[25] EN  
[54] **MULTILAYER TABLET**  
[54] **COMPRIME A COUCHES MULTIPLES**  
[72] FÄRBER, Dagmar, DE  
[72] FUSCA, Martino, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE  
[22] 1998-07-02  
[43] 1999-06-19  
[30] EP (97122492.8) 1997-12-19

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[21] **2,242,148**  
[13] A1

[51] **Int.Cl. 6E02D 5/14 6E02D 7/00 6E02D 5/08**

[25] EN

[54] **METHOD OF SEALING JOINTS BETWEEN ADJACENT SHEET PILING SECTIONS TO FORM A CONTINUOUS BARRIER AND BARRIERS FORMED USING SAID METHOD**

[54] **METHODE DE SCELLEMENT DE JOINTS ENTRE LES SECTIONS ADJACENTES DE RIDEAUX DE PALPLANCHES AFIN DE FORMER UNE CLOISON CONTINUE, ET CLOISONS FORMEES A L'AIDE DE CETTE METHODE**

[72] HARRIS, Russell W., US

[72] WHEELER, Mason G., Jr., US

[71] SEVENSON ENVIRONMENTAL SERVICES, INC., US

[22] 1998-07-03

[43] 1999-06-17

[30] US (08/992,261) 1997-12-17

[21] **2,243,255**  
[13] A1

[51] **Int.Cl. 6H01K 1/32**

[25] EN

[54] **INCANDESCENT LAMP HAVING TUNGSTEN-HALOGEN CAPSULE WITH TITANIA/SILICA EXTERNAL INFRARED REFLECTIVE COATING AND OXYGEN-FILLED OUTER JACKET**

[54] **LUMIERE INCANDESCENTE CAPSULE TUNGSTENE-HALOGENE AVEC ENDUIT TITANE/SILICE REFLECTEUR INFRAROUGE EXTERNE ET REVETEMENT EXTERIEUR REMPLI D'OXYGENE**

[72] PURACCHIO, Gerald A., US

[72] GAGNON, Peter R., US

[72] MONTGOMERY, William Eric, US

[71] OSRAM SYLVANIA INC., US

[22] 1998-07-16

[43] 1999-06-17

[30] US (08/992,740) 1997-12-17

[21] **2,243,925**  
[13] A1

[51] **Int.Cl. 6C07C 49/76 6C22B 15/14 6C22B 3/40 6C07C 255/40 6C07C 205/45**

[25] EN

[54] **IMPROVED BETA-DIKETONES FOR THE EXTRACTION OF COPPER FROM AQUEOUS AMMONIACAL SOLUTIONS**

[54] **BETA-DIKETONES AMELIORES POUR L'EXTRACTION DE CUIVRE DE SOLUTIONS D'AMMONIAQUE LIQUIDE**

[72] MATTISON, Phillip L., US

[72] VIRNIG, Michael J., US

[72] MARTIN, Kevin V., US

[72] KANG, Sang I., US

[72] KORDOSKY, Gary A., US

[71] MATTISON, Phillip L., US

[71] VIRNIG, Michael J., US

[71] MARTIN, Kevin V., US

[71] KANG, Sang I., US

[71] KORDOSKY, Gary A., US

[22] 1998-07-23

[43] 1999-06-17

[30] US (08/992,023) 1997-12-17

[21] **2,243,045**  
[13] A1

[51] **Int.Cl. 6B63B 1/38**

[25] EN

[54] **FRICITION-REDUCING SHIP AND METHOD FOR REDUCING SKIN FRICTION**

[54] **BATEAU REDUISANT LE FROTTEMENT ET METHODE DE REDUCTION DE FROTTEMENT SUPERFICIEL**

[72] YOSHIDA, Yuki, JP

[72] TAKAHASHI, Yoshiaki, JP

[71] ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD., JP

[22] 1998-07-13

[43] 1999-06-19

[30] JP (9-351756) 1997-12-19

[30] JP (10-046354) 1998-02-13

[21] **2,243,449**  
[13] A1

[51] **Int.Cl. 6H01K 1/26 6H01K 1/32**

[25] EN

[54] **INCANDESCENT LAMP HAVING HARDGLASS CAPSULE WITH EXTERNAL INFRARED REFLECTIVE COATING AND OUTER JACKET FILL GAS COMPRISING HELIUM**  
[54] **LUMIERE INCANDESCENTE CAPSULE EN VERRE DUR AVEC ENDUIT REFLECTEUR INFRAROUGE EXTERNE ET REVETEMENT REMPLI D'UN GAZ COMPRENANT DE L'HELIUM**

[72] PURACCHIO, Gerald A., US

[72] GAGNON, Peter R., US

[72] MONTGOMERY, William Eric, US

[71] OSRAM SYLVANIA INC., US

[22] 1998-07-16

[43] 1999-06-17

[30] US (08/992,052) 1997-12-17

[21] **2,244,023**  
[13] A1

[51] **Int.Cl. 6B32B 27/34 6B29C 45/16 6B32B 27/40**

[25] EN

[54] **RIGID THERMOPLASTIC ARTICLE HAVING SOFT COVERING**  
[54] **ARTICLE THERMOPLASTIQUE RIGIDE A COUVERTURE SOUPLE**

[72] HUARNG, Roger Jyh-Chiang, US

[72] HURLEY, James M., US

[71] BASF CORPORATION, US

[22] 1998-09-03

[43] 1999-06-19

[30] US (08/994,785) 1997-12-19

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[21] **2,244,312**  
[13] A1

[51] **Int.Cl. 6H04M 9/06 6H04M 3/42 6H04M 3/48**  
[25] EN  
[54] **CALL PICK-UP, HOLD DISTINCTIVE RINGING SERVICE**  
[54] **SERVICE DE PRISE D'APPELS ET DE MISE EN ATTENTE A SONNERIE DISTINCTE**  
[72] PROULX, Stephane, CA  
[72] JODOIN, Sylvain, CA  
[72] RICO, Nathalie, CA  
[72] LAUZON, Eric, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-07-29  
[43] 1999-06-19  
[30] US (08/994,762) 1997-12-19

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[21] **2,244,360**  
[13] A1

[51] **Int.Cl. 6F16L 58/10 6F16L 55/162**  
[25] EN  
[54] **METHOD AND APPARATUS FOR LINING TUBULARS AND LINED TUBULAR ASSEMBLY**  
[54] **METHODE ET APPAREIL POUR GARNIR DES TUBES ET ENSEMBLE DE TUBES GARNIS**  
[72] SNIDER, William L., US  
[72] NELSON, John M., US  
[72] PERSON, David V., US  
[72] BOGEMA, Gary W., US  
[71] TUBOSCOPE VETCO INTERNATIONAL, INC., US  
[22] 1998-07-31  
[43] 1999-06-17  
[30] US (08/992,677) 1997-12-17

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[21] **2,245,977**  
[13] A1

[51] **Int.Cl. 6H04M 1/00 6H04Q 7/32 6H04M 1/60**  
[25] EN  
[54] **SPEAKER UNIT WITH BOOM MICROPHONE**  
[54] **HAUT-PARLEUR AVEC MICRO-PERCHE**  
[72] FRANK, Christopher L., US  
[71] SONY ELECTRONICS, INC., US  
[22] 1998-08-26  
[43] 1999-06-17  
[30] US (08/992,032) 1997-12-17

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[21] **2,246,524**  
[13] A1

[51] **Int.Cl. 6E04D 5/00**  
[25] EN  
[54] **ROLLED ROOFING MEMBRANE AND METHOD OF MAKING AND USING SAME**  
[54] **MEMBRANE DE FEUTRE SURFACE ET METHODES DE FABRICATION ET D'UTILISATION DE CELLE-CI**  
[72] ZICKELL, Thomas J., US  
[71] NORTHERN ELASTOMERIC, US  
[22] 1998-09-04  
[43] 1999-06-18  
[30] US (08/992,947) 1997-12-18  
[30] US (08/993,506) 1997-12-18

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[21] **2,246,631**  
[13] A1

[51] **Int.Cl. 6C08L 75/04 6C08L 25/12**  
[25] EN  
[54] **SOFT THERMOPLASTIC POLYURETHANE COMPOSITION**  
[54] **COMPOSITION DE POLYURETHANE THERMOPLASTIQUE SOUPLE**  
[72] HUARNG, Roger Jyh-Chiarng, US  
[71] BASF CORPORATION, US  
[22] 1998-10-07  
[43] 1999-06-19  
[30] US (08/994,377) 1997-12-19

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[21] **2,247,655**  
[13] A1

[51] **Int.Cl. 6B65D 19/20**  
[25] EN  
[54] **FOLDABLE PALLET-MOUNTED CONTAINER**  
[54] **CONTENEUR PLIABLE MONTE SUR PALETTE**  
[72] QUIRION, Yvan, CA  
[71] QUIRION, Yvan, CA  
[22] 1998-09-16  
[43] 1999-06-16  
[30] CA (2,240,369) 1998-06-11

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[21] **2,247,699**  
[13] A1

[51] **Int.Cl. 6H01S 3/10 6H01S 3/00**  
[25] EN  
[54] **DRIVE CIRCUIT FOR A SOLID STATE OPTICAL EMITTER DEVICE**  
[54] **CIRCUIT DE COMMANDE POUR EMETTEUR OPTIQUE A SEMI-CONDUCTEURS**  
[72] VAUGHAN, Barry John, GB  
[72] CHOWN, David Philip Martin, GB  
[72] GEE, David Martin, GB  
[71] HEWLETT-PACKARD COMPANY, US  
[22] 1998-09-22  
[43] 1999-06-17  
[30] EP (97310246.0) 1997-12-17

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[21] **2,248,395**  
[13] A1

[51] **Int.Cl. 6H04Q 9/00 6G08C 17/02 6H04B 7/185**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENHANCED SERVICE QUALITY THROUGH REMOTE DIAGNOSTICS**  
[54] **METHODE ET APPAREIL POUR AMELIORER LA QUALITE DU SERVICE PAR TELEDIAGNOSTIC**  
[72] HERSHER, John Erik, US  
[72] ROSS, John Anderson Fergus, US  
[72] PUCKETTE, Charles McDonald, US  
[72] ABDEL-MALEK, Aiman Albert, US  
[71] GENERAL ELECTRIC COMPANY, US  
[22] 1998-09-24  
[43] 1999-06-15  
[30] US (08/990,913) 1997-12-15

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[21] **2,248,426**  
[13] A1

[51] **Int.Cl. 6G06F 17/50 6G06F 15/00 6G06F 19/00**  
[25] EN  
[54] **COMPUTATIONAL METHOD FOR DESIGNING CHEMICAL STRUCTURES HAVING COMMON FUNCTIONAL CHARACTERISTICS**  
[54] **METHODE DE CALCUL POUR CONCEVOIR DES STRUCTURES CHIMIQUES PARTAGEANT DES CARACTERISTIQUES FONCTIONNELLES**  
[72] SCHMIDT, Jonathan M., CA  
[71] UNIVERSITY OF GUELPH, CA  
[22] 1998-09-25  
[43] 1999-06-16  
[30] US (08/991,430) 1997-12-16

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[21] **2,248,722**  
[13] A1  
[51] **Int.Cl. 6D21F 1/02 6D21F 11/02**  
[25] EN  
[54] **CROSS-MACHINE DIRECTION STIFFENED DIVIDERS FOR A PAPERMAKING HEADBOX**  
[54] **DIVISIONS RIGIDES A SENS TRAVERS POUR LA CAISSE D'ARRIVEE D'UNE MACHINE PAPIER**  
[72] BEUTHER, Paul D., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1998-10-20  
[43] 1999-06-15  
[30] US (08/990,832) 1997-12-15

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[21] **2,249,129**  
[13] A1  
[51] **Int.Cl. 6H04M 3/50**  
[25] EN  
[54] **MULTIPLE TERMINAL MESSAGE INDICATOR FOR A TELECOMMUNICATIONS NETWORK**  
[54] **INDICATEUR DE MESSAGE POUR TERMINAUX MULTIPLES D'UN RESEAU DE TELECOMMUNICATIONS**  
[72] SUNDHAR, Kalyan R., US  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-10-01  
[43] 1999-06-17  
[30] US (08/992,254) 1997-12-17

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[21] **2,249,547**  
[13] A1  
[51] **Int.Cl. 6H01B 17/62 6C09D 5/25**  
[25] EN  
[54] **INORGANIC/ORGANIC INSULATING COATING FOR NON-ORIENTED ELECTRICAL STEEL**  
[54] **REVETEMENT ISOLANT ORGANIQUE ET NON ORGANIQUE DE T LE MAGNETIQUE NON ORIENTEE**  
[72] LOUDERMILK, Dannie S., US  
[72] BROWN, Jack L., US  
[71] ARMCO INC., US  
[22] 1998-10-05  
[43] 1999-06-19  
[30] US (08/994,387) 1997-12-19

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[21] **2,248,727**  
[13] A1  
[51] **Int.Cl. 6D21H 11/00 6D21F 13/00**  
[25] EN  
[54] **MECHANICAL SOFTENING OF SHEET MATERIAL**  
[54] **ADOUCISSAGE MECANIQUE DE MATERIEL EN FEUILLES**  
[72] OTTO, Kurt, US  
[72] KRESSNER, Bernhardt E., US  
[72] BERKEBILE, Kevin, US  
[72] GROPP, Ronald, CA  
[72] BAGGOT, James L., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1998-10-20  
[43] 1999-06-19  
[30] US (08/994,556) 1997-12-19

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[21] **2,249,246**  
[13] A1  
[51] **Int.Cl. 6G06F 17/50 6G06F 19/00 6G06T 15/70**  
[25] EN  
[54] **GRAPHICAL METHOD AND SYSTEM FOR MODELING AND ESTIMATING CONSTRUCTION PARAMETERS**  
[54] **METHODE ET SYSTEME GRAPHIQUE POUR LA MODELISATION ET L'ESTIMATION DE PARAMETRES DE CONSTRUCTION**  
[72] LOVELAND, James B., US  
[71] XACTWARE INFORMATION SERVICES, INC., US  
[22] 1998-09-30  
[43] 1999-06-16  
[30] US (08/991,148) 1997-12-16

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[21] **2,249,754**  
[13] A1  
[51] **Int.Cl. 6B30B 1/26 6B30B 15/12**  
[25] EN  
[54] **MAIN GEAR SUPPORT AND LUBRICATION FOR LINK MOTION ON MECHANICAL POWER PRESSES**  
[54] **SUPPORT POUR LE MECANISME D'ENTRAINEMENT PRINCIPAL ET LUBRIFICATION DU MECANISME DE LIAISON D'UNE PRESSE MECANIQUE**  
[72] BORNHORST, John B., US  
[72] SHORT, Michael L., US  
[71] THE MINSTER MACHINE COMPANY, US  
[22] 1998-10-07  
[43] 1999-06-16  
[30] US (08/991,077) 1997-12-16

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[21] **2,248,773**  
[13] A1  
[51] **Int.Cl. 6B24B 5/46**  
[25] EN  
[54] **GRINDING WHEEL AND METHOD FOR REMOVAL OF SPRUES AND RISER PADS FROM CAST RAILCAR WHEELS**  
[54] **MEULE ET METHODE POUR ENLEVER LES QUEUES DE COULEE ET LES CHANFREINS DE RACCORDEMENT DU COL DE LA MASSELOTTE DES ROUES COULEES D'UN AUTORAIL**  
[72] SIMPSON, John F., US  
[72] VANLAAR, Brian L., US  
[72] BENDIK, Gary W., US  
[71] AMSTED INDUSTRIES INCORPORATED, US  
[22] 1998-10-23  
[43] 1999-06-17  
[30] US (08/992,193) 1997-12-17

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[21] **2,249,480**  
[13] A1  
[51] **Int.Cl. 6B65H 5/02 6B07C 1/04**  
[25] EN  
[54] **DUAL DOCUMENT SINGULATING APPARATUS FOR A MAIL HANDLING SYSTEM**  
[54] **DISPOSITIF DEUX SEPARATEURS DE DOCUMENTS POUR UN SYSTEME DE TRAITEMENT DU COURRIER**  
[72] SALOMON, James A., US  
[72] STEMMLE, Denis J., Sr., US  
[72] COHEN, Steven E., US  
[72] BELEC, Eric A., US  
[72] BARKER, Donald E., US  
[71] PITNEY BOWES INC., US  
[22] 1998-10-02  
[43] 1999-06-16  
[30] US (08/991,649) 1997-12-16

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[21] **2,249,778**  
[13] A1  
[51] **Int.Cl. 6G01N 33/542 6C12Q 1/28 6G01N 33/564 6G01N 33/569**  
[25] EN  
[54] **COMPETITIVE APO-PEROXIDASE ASSAY**  
[54] **DOSAGE COMPETITIF D'APO-PEROXYDASE**  
[72] PUGIA, Michael J., US  
[71] BAYER CORPORATION, US  
[22] 1998-10-08  
[43] 1999-06-15  
[30] US (08/990,389) 1997-12-15

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[21] **2,249,898**  
[13] A1

[51] **Int.Cl. 6C08J 5/18 6B29C 55/04 6C08J 7/12 6G02B 5/30**  
[25] EN  
[54] **METHOD FOR THE MANUFACTURE OF A LIGHT-POLARIZING POLYVINYLENE SHEET**  
[54] **METHODE DE FABRICATION D'UNE FEUILLE DE POLYVINYLENE POLARISANT LA LUMIERE**  
[72] KADABA, Narendra S., US  
[72] SHAH, Lori P., US  
[71] POLAROID CORPORATION, US  
[22] 1998-10-09  
[43] 1999-06-19  
[30] US (08/994,885) 1997-12-19

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[21] **2,249,932**  
[13] A1

[51] **Int.Cl. 6B67D 5/04**  
[25] EN  
[54] **MULTI-LEVEL FUEL PICKUP**  
[54] **ASPIRATEUR DE CARBURANT A PLUSIEURS NIVEAUX**  
[72] COTTON, Kenneth J., US  
[72] ROCHE, Ronald H., US  
[71] WALBRO CORPORATION, US  
[22] 1998-10-14  
[43] 1999-06-15  
[30] US (08/990,032) 1997-12-15

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[21] **2,249,953**  
[13] A1

[51] **Int.Cl. 6B65D 50/02 6B65D 43/06**  
[25] EN  
[54] **TAMPER-EVIDENT CONTAINER CLOSURE**  
[54] **FERMETURE DE CONTENEURS INVOLABLE**  
[72] CONTI, Rino, US  
[71] PLASTICAN, INC., US  
[22] 1998-10-09  
[43] 1999-06-19  
[30] US (994,536) 1997-12-19

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[21] **2,250,275**  
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04L 29/02 6H04L 12/12 6H04Q 3/47**  
[25] EN  
[54] **MULTIMEDIA CALL SIGNALLING SYSTEM AND METHOD**  
[54] **METHODE ET SYSTEME MULTIMEDIA INDICATIFS D'APPEL**  
[72] WONG, Chi-Keung, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-10-13  
[43] 1999-06-18  
[30] US (08/992,765) 1997-12-18

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[21] **2,250,285**  
[13] A1

[51] **Int.Cl. 6C08L 51/04 6C08L 23/02 6C08L 53/02 6B32B 27/06 6B32B 27/32**  
[25] EN  
[54] **HIGH IMPACT RESISTANT, HIGH GLOSS, AND HIGH ENVIRONMENTAL STRESS CRACK RESISTANT MANUFACTURED ARTICLES**  
[54] **ARTICLES FABRIQUES A RESISTANCE ELEVEE AUX IMPACTS, AU LUSTRE TRES BRILLANT ET A HAUTE RESISTANCE AUX CRAQUELURES DUES AUX CONTRAINTES PROLONGEES**  
[72] SHEU, Hrong Roang, US  
[71] BASF CORPORATION, US  
[22] 1998-11-03  
[43] 1999-06-19  
[30] US (08/994,411) 1997-12-19

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[21] **2,250,322**  
[13] A1

[51] **Int.Cl. 6H02G 3/08**  
[25] EN  
[54] **DIVIDED MULTIGANG BOX**  
[54] **COFFRET ELECTRIQUE A COMPARTIMENTS MULTIPLES**  
[72] MARQUEZ, Joseph D., US  
[72] NUCKOLS, William M., US  
[72] BURKE, Andrea, US  
[71] PASS & SEYMOUR, INC., US  
[22] 1998-10-15  
[43] 1999-06-16  
[30] US (08/991,829) 1997-12-16

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[21] **2,250,465**  
[13] A1

[51] **Int.Cl. 6A23P 1/10 6A23G 1/20**  
[25] EN  
[54] **METHOD FOR MAKING FOOD ARTICLE**  
[54] **METHODE DE FABRICATION DE PRODUITS COMESTIBLES**  
[72] LEADBEATER, John Michael, GB  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1998-11-02  
[43] 1999-06-16  
[30] GB (9726562.3) 1997-12-16

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[21] **2,250,591**  
[13] A1

[51] **Int.Cl. 6H01R 13/506 6H01R 25/00**  
[25] EN  
[54] **AAMI COMPATIBLE DIN PLUG COMBINER**  
[54] **COMBINA TEUR DE FICHES DIN COMPATIBLE AVEC LES NORMES DE LA AAMI**  
[72] SHEPHERD, David J., US  
[72] FRANK, Robert J., US  
[71] GRAPHIC CONTROLS CORPORATION, US  
[22] 1998-10-15  
[43] 1999-06-16  
[30] US (08/991,811) 1997-12-16

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[21] **2,250,626**  
[13] A1

[51] **Int.Cl. 6C08L 17/00 6B29B 17/00**  
[25] EN  
[54] **METHOD FOR MANUFACTURE OF ELASTOMERIC ALLOYS USING RECYCLED RUBBERS**  
[54] **METHODE DE FABRICATION D'ALLIAGES ELASTOMERIQUES AU MOYEN DE CAOUTCHOUC RECYCLE**  
[72] WEBER, Ronald G., US  
[72] CITAREL, Louis, US  
[72] MERTZEL, Elaine A., US  
[71] THE STANDARD PRODUCTS COMPANY, US  
[22] 1998-10-09  
[43] 1999-06-17  
[30] US (992,547) 1997-12-17

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[21] 2,250,629  
[13] A1

[51] **Int.Cl. 6F01N 3/02**  
[25] EN  
[54] **EXHAUST GAS PURIFIER AND OPERATING METHOD THEREOF**  
[54] **PURIFICATEUR DE GAZ D'ECHAPPEMENT ET METHODE DE FONCTIONNEMENT DE CELUI-CI**  
[72] MATSUNUMA, Kenji, JP  
[72] SAITO, Hidetoshi, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1998-10-16  
[43] 1999-06-19  
[30] JP (JP-09350272) 1997-12-19

[21] 2,251,211  
[13] A1

[51] **Int.Cl. 6B29C 53/06 6B31B 1/25**  
[25] EN  
[54] **METHOD FOR FORMING A SCORE IN A STRIP OF LAMINATE, AS WELL AS A HINGED ANGLE SECTION**  
[54] **METHODE DE FORMATION D'UN TRACE SUR UNE BANDE STRATIFIEE, AINSI QU'UNE CORNIERE MOBILE**  
[72] HEERTJES, Johannes, NL  
[71] SCANILEC B.V., NL  
[22] 1998-10-21  
[43] 1999-06-18  
[30] NL (1007831) 1997-12-18

[21] 2,251,459  
[13] A1

[51] **Int.Cl. 6H04L 12/66**  
[25] EN  
[54] **SYSTEM AND METHOD FOR COMMUNICATION SESSION DISPOSITION RESPONSIVE TO EVENTS IN A TELECOMMUNICATIONS NETWORK AND THE INTERNET**  
[54] **SYSTEME ET METHODE COMPRENANT UN DISPOSITIF DE SESSION DE TRANSMISSION QUI REAGIT AUX EVENEMENTS D'UN RESEAU DE TELECOMMUNICATIONS ET SE DEROLANT SUR INTERNET**  
[72] JODOIN, Sylvain, CA  
[72] MEUBUS, Charles J., CA  
[72] NADEAU, Raymond, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-10-23  
[43] 1999-06-18  
[30] US (08/994,008) 1997-12-18

[21] 2,251,461  
[13] A1

[51] **Int.Cl. 6A01K 87/08 6A01K 87/02**  
[25] EN  
[54] **BALANCED FISHING ROD HANDLE WITH TIP ROD STORAGE SOCKET**  
[54] **POIGNEE DE CANNE A PECHE EQUILIBREE TERMINEE PAR UN RECEPTACLE D'ENTREPOSAGE**  
[72] GARRATT, Gary, CA  
[71] GARRATT, Gary, CA  
[22] 1998-10-23  
[43] 1999-06-17  
[30] US (08/992,185) 1997-12-17

[21] 2,251,996  
[13] A1

[51] **Int.Cl. 6H04Q 7/32 6G01S 5/14**  
[25] EN  
[54] **AUTOMATICALLY LOCATING INDIVIDUALS UTILIZING A COMBINATION OF WIRELESS MEDIA**  
[54] **LOCALISATION AUTOMATIQUE AU MOYEN D'UNE COMBINAISON DE SUPPORTS SANS FIL**  
[72] GRIFFITH, Gary L., US  
[72] MORAN, John C., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-28  
[43] 1999-06-18  
[30] US (08/993,324) 1997-12-18

[21] 2,252,033  
[13] A1

[51] **Int.Cl. 6C10G 19/073**  
[25] EN  
[54] **PROCESS FOR TREATING ACIDIC CRUDES USING ALKALINE EARTH METAL CARBONATE**  
[54] **PROCEDE POUR TRAITER DES PETROLES BRUTS ACIDES AU MOYEN DE CARBONATE ALCALINO-TERREUX**  
[72] DALRYMPLE, David Craig, US  
[72] BALLINGER, Bruce Henry, US  
[72] GORBATY, Martin Leo, US  
[72] SARTORI, Guido, US  
[72] SAVAGE, David William, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1998-11-20  
[43] 1999-06-17  
[30] US (992,017) 1997-12-17

[21] 2,252,040  
[13] A1

[51] **Int.Cl. 6C10G 29/20**  
[25] EN  
[54] **PROCESS FOR DECREASING THE ACIDITY OF CRUDES USING CROSSLINKED POLYMERIC AMINES**  
[54] **PROCEDE POUR DIMINUER L'ADICITE DE PETROLES BRUTS AU MOYEN D'AMINES POLYMERIQUES RETICULEES**  
[72] DALRYMPLE, David Craig, US  
[72] BALLINGER, Bruce Henry, US  
[72] SARTORI, Guido, US  
[72] SAVAGE, David William, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1998-11-20  
[43] 1999-06-17  
[30] US (992,448) 1997-12-17

[21] 2,252,209  
[13] A1

[51] **Int.Cl. 6H04B 10/08 6H04B 10/24**  
[25] EN  
[54] **OPTICAL PROTECTION SWITCH EMPLOYING AN INTERFERENCE FILTER**  
[54] **INTERRUPTEUR DE PROTECTION OPTIQUE UTILISANT UN FILTRE A INTERFERENCES**  
[72] FISHMAN, Daniel A., US  
[72] FANG, Wei-Chiao William, US  
[72] DENKIN, Nathan Myron, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-29  
[43] 1999-06-19  
[30] US (08/994,213) 1997-12-19

[21] 2,252,210  
[13] A1

[51] **Int.Cl. 6H03F 1/32 6H03F 1/00 6H03F 3/189 6H03F 1/26**  
[25] EN  
[54] **FEED FORWARD AMPLIFIER IMPROVEMENT**  
[54] **AMELIORATION D'UN AMPLIFICATEUR A CORRECTION AVAL**  
[72] MYER, Robert Evan, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-29  
[43] 1999-06-19  
[30] US (08/994,830) 1997-12-19

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[21] **2,252,236**  
[13] A1

[51] **Int.Cl. 6H04Q 3/64 6H04Q 3/545**  
[25] EN  
[54] **ARRANGEMENT FOR EQUALIZING LEVELS OF SERVICE AMONG SKILLS**  
[54] **METHODE POUR EQUILIBRER LES NIVEAUX DE SERVICE SELON LES HABLETES**  
[72] JENSEN, Roy A., US  
[72] FOSTER, Robin H., US  
[72] KOHLER, Joylee E., US  
[72] MATHEWS, Eugene P., US  
[72] FLOCKHART, Andrew D., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-10-28  
[43] 1999-06-17  
[30] US (08/992,307) 1997-12-17

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[21] **2,252,253**  
[13] A1

[51] **Int.Cl. 6D06F 39/08 6D06F 23/06**  
[25] EN  
[54] **FRONT WATER INJECTION FOR FRONT LOADING WASHING MACHINE**  
[54] **METHODE D'INJECTION D'EAU PAR L'AVANT POUR MACHINE A LAVER A CHARGEMENT PAR L'AVANT**  
[72] VANDE HAAR, Evan R., US  
[71] MAYTAG CORPORATION, US  
[22] 1998-10-30  
[43] 1999-06-19  
[30] US (08/994,679) 1997-12-19

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[21] **2,252,260**  
[13] A1

[51] **Int.Cl. 6D06F 39/08 6D06F 33/00**  
[25] EN  
[54] **AIR DOME HOSE**  
[54] **TUYAU FLEXIBLE D'UN DOME D'AIR**  
[72] JOHNSON, Troy A., US  
[71] MAYTAG CORPORATION, US  
[22] 1998-10-30  
[43] 1999-06-15  
[30] US (08/990,329) 1997-12-15

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[21] **2,252,351**  
[13] A1

[51] **Int.Cl. 6F24F 11/04**  
[25] EN  
[54] **VARIABLE AIR VOLUME CONTROL SYSTEM**  
[54] **SYSTEME DE COMMANDE DE VOLUMES D'AIR VARIABLES**  
[72] BUJAK, Walter E., Jr., US  
[71] CARRIER CORPORATION, US  
[22] 1998-11-03  
[43] 1999-06-15  
[30] US (08/990,691) 1997-12-15

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[21] **2,252,489**  
[13] A1

[51] **Int.Cl. 6B08B 15/00 6G08B 21/00 6F24F 11/00 6F24F 7/007 6A62C 2/04**  
[25] EN  
[54] **DOMESTIC APPARATUS FOR DETECTING AND EXPULSING GAS**  
[54] **APPAREIL DOMESTIQUE POUR LA DETECTION ET L'EXPULSION DE GAZ**  
[72] SIERRA MEDINA, Manuel, ES  
[71] SIERRA MEDINA, Manuel, ES  
[22] 1998-11-03  
[43] 1999-06-19  
[30] ES (9703291) 1997-12-19

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[21] **2,252,928**  
[13] A1

[51] **Int.Cl. 6C10G 29/16**  
[25] EN  
[54] **PROCESS FOR TREATING ACIDIC CRUDES USING A MANGANESE OXIDE**  
[54] **PROCEDE POUR TRAITER DES PETROLES BRUTS ACIDES AU MOYEN D'OXYDE DE MANGANESE**  
[72] DALRYMPLE, David Craig, US  
[72] SARTORI, Guido, US  
[72] BALLINGER, Bruce Henry, US  
[72] SAVAGE, David William, US  
[71] EXXON RESEARCH AND ENGINEERING COMPANY, US  
[22] 1998-11-27  
[43] 1999-06-17  
[30] US (992,449) 1997-12-17

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[21] **2,252,943**  
[13] A1

[51] **Int.Cl. 6A62C 35/68**  
[25] EN  
[54] **SPRINKLER GUARD**  
[54] **COUVERT DE PROTECTION POUR TETE D'EXTINCTEUR**  
[72] PONTE, Gary W., US  
[71] THE RELIABLE AUTOMATIC SPRINKLER CO., INC., US  
[22] 1998-11-05  
[43] 1999-06-15  
[30] US (08/990,656) 1997-12-15

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[21] **2,253,017**  
[13] A1

[51] **Int.Cl. 6H01M 2/16 6H01M 2/14**  
[25] EN  
[54] **PENTA-LAYER BATTERY SEPARATOR**  
[54] **SEPARATEUR D'ACCUMULATEUR PENTAMEMBRANE**  
[72] YU, Wei-Ching, US  
[72] NGUYEN, Khuy V., US  
[72] CALL, Ronald W., US  
[72] COOK, Pierre C., US  
[72] HUX, Shawn E., US  
[71] CELGARD LLC, US  
[22] 1998-11-05  
[43] 1999-06-19  
[30] US (08/995,205) 1997-12-19

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[21] **2,253,077**  
[13] A1

[51] **Int.Cl. 6E21D 23/00 6E21D 17/00**  
[25] EN  
[54] **TENSIONABLE CABLE TRUSS SUPPORT SYSTEM**  
[54] **SYSTEME DE BATI-SUPPORT AVEC CABLE A TENSION AJUSTABLE**  
[72] LONG, Lawrence E., US  
[71] DYCKERHOFF & WIDMANN AG, DE  
[22] 1998-11-05  
[43] 1999-06-19  
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[21] **2,253,137**  
[13] A1  
[51] **Int.Cl. 6D06F 37/20 6D06F 37/00**  
[25] EN  
[54] **RADIALLY ORIENTED MOTOR FOR A FLUID BALANCE RING**  
[54] **MOTEUR MONTE RADIALEMENT EN ANGLE POUR ASSURER LE FONCTIONNEMENT DE L'ANNEAU D'EQUILIBRAGE DU LIQUIDE**  
[72] HERR, Joel L., US  
[72] THOMAS, John E., US  
[72] JOHNSON, Troy A., US  
[71] MAYTAG CORPORATION, US  
[22] 1998-10-30  
[43] 1999-06-17  
[30] US (08/992,587) 1997-12-17

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[21] **2,253,704**  
[13] A1  
[51] **Int.Cl. 6A47K 10/42**  
[25] EN  
[54] **TISSUE DISPENSING APPARATUS AND METHOD**  
[54] **DISTRIBUTRICE DE TISSUS ET METHODE D'UTILISATION**  
[72] TUCK, Michael C., US  
[71] KIMBERLY-CLARK WORLDWIDE, INC., US  
[22] 1998-12-03  
[43] 1999-06-19  
[30] US (08/994,234) 1997-12-19

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[21] **2,253,718**  
[13] A1  
[51] **Int.Cl. 6A23G 9/02 6A23G 9/24 6A23G 9/26**  
[25] EN  
[54] **COATED FROZEN CONFECTIONARY ARTICLE AND METHOD FOR MAKING IT**  
[54] **FRIANDISE GLACEE CONGELEE ET METHODE DE FABRICATION DE CELLE-CI**  
[72] AMIEL, Olivier, FR  
[72] SUNDERLAND, Charles-Austin, FR  
[71] SOCIÉTÉ DES PRODUITS NESTLÉ S.A., CH  
[22] 1998-12-07  
[43] 1999-06-18  
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[13] A1  
[51] **Int.Cl. 6E01F 9/012 6G08B 5/00 6E01F 15/10**  
[25] EN  
[54] **PORTABLE SAFETY MARKER**  
[54] **MARQUEUR DE SECURITE PORTATIF**  
[72] SIGNORELLI, John A., US  
[71] CONSOLIDATED EDISON COMPANY OF NEW YORK, INC., US  
[22] 1998-12-09  
[43] 1999-06-18  
[30] US (08/992,990) 1997-12-18

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[21] **2,254,250**  
[13] A1  
[51] **Int.Cl. 6F16B 15/00 6F16B 19/00 6F16B 43/00 6F16B 19/14 6B21H 1/22 6B21G 3/30**  
[25] EN  
[54] **HARDENED STEEL PIN, PIN AND WASHER FASTENER, WASHER FOR FASTENER, AND PIN-MAKING METHOD**  
[54] **CHEVILLE D'ACIER DURCI, CHEVILLE ET DISPOSITIF DE FIXATION DE LA RONDELLE D'ETANCHEITE, RONDELLE D'ETANCHEITE POUR LE DISPOSITIF DE FIXATION ET METHODE DE FABRICATION DE LA CHEVILLE**  
[72] OLVERA, Gilbert, US  
[72] VELAN, George M., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1998-11-18  
[43] 1999-06-19  
[30] US (08/994,521) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6B65D 81/05**  
[25] EN  
[54] **IMPROVED DUNNAGE AIR BAG**  
[54] **SAC DE FARDAGE GONFLABLE AMELIORE**  
[72] BERRIER, Walter Gene, US  
[72] HARRINGTON, John Leslie, US  
[72] MASSEY, Phillip S., US  
[71] ILLINOIS TOOL WORKS INC., US  
[22] 1998-11-18  
[43] 1999-06-19  
[30] US (08/994,359) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6C08L 51/04 6C08L 23/02 6C08L 53/02 6C08L 23/06 6C08L 25/06**  
[25] EN  
[54] **HIGH IMPACT RESISTANT, HIGH GLOSS, AND HIGH ENVIRONMENTAL STRESS CRACK RESISTANT POLYMERIC COMPOSITIONS**  
[54] **COMPOSITIONS POLYMERIQUES A RESISTANCE ELEVEE AUX IMPACTS, AU LUSTRE TRES BRILLANT ET A HAUTE RESISTANCE AUX CRAQUELURES DUES AUX CONTRAINTES PROLONGEES**  
[72] SHEU, Hrong Roang, US  
[71] BASF CORPORATION, US  
[22] 1998-12-11  
[43] 1999-06-19  
[30] US (08/995,073) 1997-12-19

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[21] **2,254,366**  
[13] A1  
[51] **Int.Cl. 6B29C 59/02 6B30B 15/02 6B31F 1/07**  
[25] EN  
[54] **DEVICE AND PROCESS FOR FORMING A MATRIX CAVITY**  
[54] **DISPOSITIF ET PROCEDE POUR FORMER LE CREUX D'UNE MATRICE**  
[72] FERGEN, Alfons, DE  
[71] WINKLER & DUNNEBIER AG, DE  
[22] 1998-12-10  
[43] 1999-06-17  
[30] DE (197 56094.9) 1997-12-17

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[21] **2,254,393**  
[13] A1  
[51] **Int.Cl. 6H04M 1/57 6H04Q 7/24**  
[25] EN  
[54] **METHOD AND APPARATUS FOR PROVIDING CALLING NUMBER IDENTIFICATION ALIAS IN A COMMUNICATIONS SYSTEM**  
[54] **METHODE ET APPAREIL POUVANT FOURNIR LE PSEUDONYME D'IDENTIFICATION DU NUMERO DEMANDEUR DANS UN SYSTEME DE COMMUNICATIONS**  
[72] GLASS, David R., US  
[71] AT&T WIRELESS SERVICES, INC., US  
[22] 1998-11-24  
[43] 1999-06-16  
[30] US (08/991,937) 1997-12-16

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[13] A1

[51] **Int.Cl. 6C11D 1/62 6C11D 3/30**  
[25] EN  
[54] **AQUEOUS FABRIC SOFTENERS HAVING IMPROVED HANDLE**  
[54] **PRODUIT D'ASSOULISSEMENT AQUEUX AYANT UN TOUCHER AMELIORE**  
[72] EULER, Axel, DE  
[72] FENDER, Michael, DE  
[72] KOHLE, Hans-Jürgen, DE  
[72] SCHIESSER, Hans-Georg, DE  
[71] WITCO SURFACTANTS GMBH, DE  
[22] 1998-11-24  
[43] 1999-06-18  
[30] DE (197 56 434.8) 1997-12-18

[21] **2,254,401**  
[13] A1

[51] **Int.Cl. 6H04Q 7/36 6H04Q 7/38**  
[25] EN  
[54] **METHODOLOGY OF REDUCING AREAS WITH MULTIPLE DOMINANT PILOTS BY INSTALLING SIMULCASTING ELEMENTS OR OMNI-DIRECTIONAL BASE STATION**  
[54] **METHODE DE REDUCTION DES AIRES AVEC PILOTES DOMINANTS MULTIPLES EN INSTALLANT DES ELEMENTS D'EMISSION SIMULTANEE OU UNE STATION DE BASE OMNIDIRECTIONNELLE**  
[72] SANDERS, Charles Albert, US  
[72] BI, Qi, US  
[72] WEAVER, Carl Francis, US  
[72] KUO, Wen-Yi, US  
[72] MEYERS, Martin Howard, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-24  
[43] 1999-06-15  
[30] US (08/990,625) 1997-12-15

[21] **2,254,417**  
[13] A1

[51] **Int.Cl. 6B29B 9/12 6C04B 16/08**  
[25] EN  
[54] **POLYSTYRENE BEADS**  
[54] **GRAINS DE POLYSTYRENE**  
[72] WEHTJE, Erik W., US  
[71] POLYSOURCE, INC., US  
[22] 1998-11-17  
[43] 1999-06-16  
[30] US (08/991297) 1997-12-16

[21] **2,254,430**  
[13] A1

[51] **Int.Cl. 6G06F 17/30 6G06F 7/14 6G06F 15/16**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR MERGING TELEPHONE SWITCHING OFFICE DATABASES**  
[54] **METHODE ET APPAREIL POUR FUSIONNER LES BASES DE DONNES DE CENTRES DE COMMUTATION TELEPHONIQUE**  
[72] KLIEBHAN, Daniel Francis, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-24  
[43] 1999-06-16  
[30] US (08/991,042) 1997-12-16

[21] **2,254,453**  
[13] A1

[51] **Int.Cl. 6H04M 11/06**  
[25] EN  
[54] **CONTROL OF TELEMETRY INTERFACE GATEWAY DURING A VOICE CALL**  
[54] **CONTROLE DE LA PASSERELLE D'INTERFACE DE TELEMESURE PENDANT UN APPEL**  
[72] SMITH, David B., US  
[72] GARLAND, Stuart Mandel, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-25  
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[30] US (08/994,232) 1997-12-19  
[30] US (08/994,245) 1997-12-19

[21] **2,254,456**  
[13] A1

[51] **Int.Cl. 6H03F 3/189 6H04N 5/067 6H03F 3/20 6H03F 1/32 6H04B 1/62**  
[25] EN  
[54] **IMPROVED FEEDFORWARD MULTICARRIER LINEAR RF POWER AMPLIFIER**  
[54] **AMPLIFICATEUR DE PUISSANCE RF LINEAIRE SYSTEME AMELIORE A PORTEUSES MULTIPLES A CORRECTION AVAL**  
[72] ZIESSE, Norman Gerard, US  
[72] DONALDSON, Jimmie L., US  
[72] MYER, Robert Evan, US  
[72] PATEL, Mohan, US  
[72] MONTGOMERY, Robert Keith, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-25  
[43] 1999-06-18  
[30] US (08/993,682) 1997-12-18

[21] **2,254,483**  
[13] A1

[51] **Int.Cl. 6H04B 7/005 6H04Q 7/22**  
[25] EN  
[54] **REDUCING PEAK TO AVERAGE RATIO OF TRANSMIT SIGNAL BY INTENTIONAL PHASE ROTATING AMONG COMPOSED SIGNALS**  
[54] **REDUCTION DES TAUX DE CRETE A MOYENS DE TRANSMISSIONS DE SIGNAUX PAR SUCCESSION DE PHASES INTENTIONNELLES DE SIGNAUX COMPOSES**  
[72] KNISELY, Douglas N., US  
[72] NANDA, Sanjiv, US  
[72] MEYERS, Martin Howard, US  
[72] KUO, Wen-Yi, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-24  
[43] 1999-06-15  
[30] US (08/990,626) 1997-12-15

[21] **2,254,540**  
[13] A1

[51] **Int.Cl. 6H04Q 3/64**  
[25] EN  
[54] **ARRANGEMENT FOR EQUALIZING LEVELS OF SERVICE AMONG SKILLS**  
[54] **METHODE POUR EQUILIBRER LES NIVEAUX DE SERVICE SELON LES HABILITES**  
[72] FISHER, Thomas S., US  
[72] JENSEN, Roy A., US  
[72] REIMAN, Martin I., US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-25  
[43] 1999-06-17  
[30] US (08/992,837) 1997-12-17

[21] **2,254,542**  
[13] A1

[51] **Int.Cl. 6H03F 3/19 6H03F 3/68**  
[25] EN  
[54] **ARTICLE COMPRISING A COMBINER-SPLITTER**  
[54] **ARTICLE COMPORTANT UN COMBINA TEUR-SEPARATEUR**  
[72] MYER, Robert Evan, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-25  
[43] 1999-06-18  
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[21] 2,254,564  
[13] A1

[51] Int.Cl. 6C22C 38/28 6C22C 1/02  
[25] EN  
[54] NON-RIDGING FERRITIC  
CHROMIUM ALLOYED STEEL  
[54] ACIER ALLIE AU CHROME  
FERRITIQUE SANS STRIES  
[72] McKAGUE, Alan R., US  
[72] YOSHITAKE, Eizo, US  
[71] ARMCO INC., US  
[22] 1998-11-27  
[43] 1999-06-19  
[30] US (08/994,382) 1997-12-19  
[30] US (09/153,822) 1998-09-15

[21] 2,254,584  
[13] A1

[51] Int.Cl. 6C22C 38/28 6C22C 1/02  
6C21D 8/02 6C22C 38/18  
[25] EN  
[54] NON-RIDGING FERRITIC  
CHROMIUM ALLOYED STEEL  
[54] ACIER ALLIE AU CHROME  
FERRITIQUE SANS STRIES  
[72] McKAGUE, Alan R., US  
[72] YOSHITAKE, Eizo, US  
[71] ARMCO INC., US  
[22] 1998-11-27  
[43] 1999-06-19  
[30] US (08/994,382) 1997-12-19

[21] 2,254,591  
[13] A1

[51] Int.Cl. 6H04J 3/07 6H04J 3/22  
[25] EN  
[54] METHOD OF AND APPARATUS  
FOR MULTIPLEXING AND  
DEMULPLEXING DIGITAL SIGNAL  
STREAMS  
[54] METHODE ET APPAREIL POUR  
LE MULTIPLEXAGE ET LE  
DEMULPLEXAGE DE SUITES DE  
SIGNAUX NUMERIQUES  
[72] BIRD, Peter Dane, CA  
[71] NORTHERN TELECOM LIMITED,  
CA  
[22] 1998-11-26  
[43] 1999-06-19  
[30] US (08/995,414) 1997-12-19

[21] 2,254,593  
[13] A1

[51] Int.Cl. 6H04J 14/02 6H04B 10/18  
[25] EN  
[54] METHOD AND APPARATUS FOR  
CHANNEL EQUALIZATION IN  
WAVELENGTH DIVISION  
MULTIPLEXED SYSTEMS  
[54] METHODE ET APPAREIL  
D'EQUILBRAGE DES CANAUX DANS  
DES SYSTEMES MULTIPLEXES EN  
LONGUEUR D'ONDE  
[72] KHALEGHI, Farideh, CA  
[72] SOLHEIM, Alan Glen, CA  
[72] BARNARD, Chris Wilhelm, CA  
[71] NORTHERN TELECOM LIMITED,  
CA  
[22] 1998-11-26  
[43] 1999-06-19  
[30] US (08/994,761) 1997-12-19

[21] 2,254,596  
[13] A1

[51] Int.Cl. 6A61G 17/02  
[25] EN  
[54] LATCH MECHANISM FOR A  
CASKET  
[54] MECANISME DE VERROUILLAGE  
POUR CERCUEIL  
[72] BOWLING, Donald W., US  
[71] BATESVILLE CASKET COMPANY,  
INC., US  
[22] 1998-11-26  
[43] 1999-06-19  
[30] US (994,722) 1997-12-19

[21] 2,254,629  
[13] A1

[51] Int.Cl. 6B29C 45/74 6B29C 45/20  
[25] EN  
[54] HOT RUNNER NOZZLE  
[54] BUSE DE CANAL CHAUFFE  
[72] GUNTHER, Herbert, DE  
[71] GUNTHER HEISSKANALTECHNIK  
GMBH, DE  
[22] 1998-11-30  
[43] 1999-06-19  
[30] EP (97122469.6) 1997-12-19

[21] 2,254,649  
[13] A1

[51] Int.Cl. 6A61K 6/02  
[25] EN  
[54] ION-RELEASING COMPOSITE  
MATERIAL  
[54] MATERIEL COMPOSITE  
IONISANT  
[72] RHEINBERGER, Volker, LI  
[72] RUMPHORST, André, LI  
[72] MOSZNER, Norbert, LI  
[72] FISCHER, Urs Karl, CH  
[72] GRABHER, Kurt, AT  
[72] SALZ, Ulrich, DE  
[71] IVOCLAR AG, LI  
[22] 1998-11-19  
[43] 1999-06-15  
[30] DE (19757647.8) 1997-12-15

[21] 2,254,668  
[13] A1

[51] Int.Cl. 6H01R 13/04 6H01R 19/00  
[25] EN  
[54] HIGH AMPERAGE PLUG  
[54] FICHE A HAUTE INTENSITE  
[72] BLANCHE, Stephen Arthur, US  
[72] VARATTA, Thomas Robert, US  
[71] ETCO INCORPORATED, US  
[22] 1998-11-24  
[43] 1999-06-19  
[30] US (08/994,951) 1997-12-19

[21] 2,254,685  
[13] A1

[51] Int.Cl. 6G06K 11/18 6G06K 7/01  
[25] EN  
[54] DATA/PEN WELL  
[54] PUIITS D'ANALYSE DE DONNEES  
[72] SOUTHWORTH, Robert O., US  
[72] LINDERSON, Paul E., US  
[72] MERCURIO, Frank, US  
[71] A.T.X. INTERNATIONAL, INC., US  
[22] 1998-11-19  
[43] 1999-06-19  
[30] US (08/994,684) 1997-12-19

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[13] A1

[51] **Int.Cl. 6G06F 1/14 6G06F 19/00 6G06F 9/44**  
[25] EN  
[54] **SYSTEM FOR VISUALLY REPRESENTING MODIFICATION INFORMATION ABOUT A CHARACTERISTIC-DEPENDENT INFORMATION PROCESSING SYSTEM**  
[54] **SYSTEME D'AFFICHAGE DE RENSEIGNEMENTS SUR DES MODIFICATIONS A APPORTER UN SYSTEME DE TRAITEMENT DE DONNEES ARTICULE AUTOUR DE CARACTERISTIQUES**  
[72] BURKWALD, Susan Kay, US  
[72] PATTERSON, Steven H., US  
[72] PYRCE, John David, US  
[72] RIVARD, Kurt David, US  
[72] EICK, Stephen Gregory, US  
[71] LUCENT TECHNOLOGIES INC., US  
[22] 1998-11-25  
[43] 1999-06-17  
[30] US (08/992,408) 1997-12-17

[21] **2,254,695**  
[13] A1

[51] **Int.Cl. 6G08B 13/14**  
[25] EN  
[54] **ANTI-THEFT ALARM FOR PORTABLE ELECTRICALLY OPERATED DEVICES**  
[54] **ALARME ANTIVOL POUR APPAREILS PORTATIFS A COMMANDE ELECTRIQUE**  
[72] TODD, John M., CA  
[71] TODD, John M., CA  
[22] 1998-12-17  
[43] 1999-06-19  
[30] US (60/068,299) 1997-12-19

[21] **2,254,703**  
[13] A1

[51] **Int.Cl. 6F24F 13/28**  
[25] EN  
[54] **AIR PLENUM FILTER ADAPTER COMPONENT**  
[54] **COMPOSANT D'ADAPTEUR DE FILTRE POUR PLENUM DE REPRISE D'AIR**  
[72] MACK, Joseph A., US  
[72] SALDIN, Wallace R., US  
[72] SCHWARZ, Edward L., US  
[72] TERLSON, Brad A., US  
[71] HONEYWELL INC., US  
[22] 1998-12-01  
[43] 1999-06-18  
[30] US (08/993,459) 1997-12-18

[21] **2,255,108**  
[13] A1

[51] **Int.Cl. 6A61K 7/42 6A61K 7/06 6A61K 7/075 6A61K 7/48**  
[25] EN  
[54] **COSMETIC SKIN OR HAIR CARE COMPOSITIONS CONTAINING FLUOROCARBONS INFUSED WITH CARBON DIOXIDE**  
[54] **COMPOSES COSMETIQUES POUR SOINS DE LA PEAU ET DES CHEVEUX RENFERMANT DES FLUOROCARBONES INFUSES AVEC DU DIOXYDE DE CARBONE**  
[72] SANTHANAM, Uma, US  
[72] HABIF, Stephen Samuel, MX  
[72] PENKSA, Christine Marie, US  
[71] UNILEVER PLC, GB  
[22] 1998-12-03  
[43] 1999-06-18  
[30] US (08/993294) 1997-12-18

[21] **2,255,109**  
[13] A1

[51] **Int.Cl. 6C12N 15/12 6A01K 67/027 6C12N 5/16 6A61K 38/17 6C07K 16/18 6C07K 14/47 6G01N 33/53 6C12Q 1/68**  
[25] EN  
[54] **MAMMALIAN BRAINIAC GENES**  
[54] **GENES «BRAINIAC» DE MAMMIFERES**  
[72] EGAN, Sean E., CA  
[71] HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP, CA  
[22] 1998-12-17  
[43] 1999-06-17  
[30] CA (2,225,126) 1997-12-17

[21] **2,255,113**  
[13] A1

[51] **Int.Cl. 6C07H 21/00 6C07K 16/44 6C12Q 1/68**  
[25] EN  
[54] **CONDUCTIVE METAL-CONTAINING NUCLEIC ACIDS**  
[54] **ACIDES NUCLEIQUES CONTENANT DU METAL CONDUCTIF**  
[72] LEE, Jeremy S., CA  
[72] AICH, Palok, CA  
[71] THE UNIVERSITY OF SASKATCHEWAN, CA  
[22] 1998-12-16  
[43] 1999-06-16  
[30] CA (2,218,443) 1997-12-16  
[30] CA (2,229,386) 1998-02-11

[21] **2,255,123**  
[13] A1

[51] **Int.Cl. 6B22D 41/24**  
[25] EN  
[54] **SLIDING GATE NOZZLE DEVICE**  
[54] **OPERCULE COULISSANT POUR DISPOSITIF A BUSE**  
[72] TAKAGI, Nobuaki, JP  
[72] TAIRA, Toshimitsu, JP  
[71] KROSAKI CORPORATION, JP  
[22] 1998-12-17  
[43] 1999-06-19  
[30] JP (9-351475) 1997-12-19

[21] **2,255,128**  
[13] A1

[51] **Int.Cl. 6G06F 9/44 6G06F 19/00**  
[25] EN  
[54] **MARSHALING AND UNMARSHALING FRAMEWORK FOR SUPPORTING FILTERS IN A DISTRIBUTED OBJECT SYSTEM**  
[54] **CADRE D'ACCUMULATION ET D'EVACUATION SERVANT DE SUPPORT AUX FILTRES D'UN SYSTEME A OBJETS REPARTI**  
[72] CAVANAUGH, Ken M., US  
[72] JINDAL, Anita, US  
[72] KRISHNAN, Sanjeev, US  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1998-12-04  
[43] 1999-06-18  
[30] US (08/993,263) 1997-12-18

[21] **2,255,130**  
[13] A1

[51] **Int.Cl. 6A23K 1/16 6A23K 1/20 6A23K 1/22**  
[25] EN  
[54] **PROCESS FOR MAKING GRANULAR L-LYSINE FEED SUPPLEMENT**  
[54] **PROCEDE DE FABRICATION D'ALIMENTS COMPLEMENTAIRES GRANULES DE L-LYSINE**  
[72] BINDER, Thomas P., US  
[72] STEVENS, Joseph Michael, US  
[71] ARCHER DANIELS MIDLAND COMPANY, US  
[22] 1998-12-04  
[43] 1999-06-16  
[30] US (08/991,145) 1997-12-16  
[30] US (09/098,948) 1998-06-17

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[21] **2,255,131**  
[13] A1  
[51] **Int.Cl. 6G06F 9/44 6G06F 9/46**  
[25] EN  
[54] **METHOD AND APPARATUS FOR ENFORCING LOCKING INVARIANTS IN MULTI-THREADED SYSTEMS**  
[54] **TECHNIQUE ET DISPOSITIF DE BLOCAGE DES CARACTERISTIQUES INVARIANTES DE SYSTEMES MULTIFILIERE**  
[72] CAVANAUGH, Ken M., US  
[72] CALLSEN, Christian J., US  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1998-12-04  
[43] 1999-06-18  
[30] US (08/993,206) 1997-12-18

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[21] **2,255,132**  
[13] A1  
[51] **Int.Cl. 6H04L 27/12**  
[25] EN  
[54] **APPARATUS AND METHOD FOR FREQUENCY SHIFT KEYING**  
[54] **APPAREIL ET METHODE RELIE A LA MODULATION PAR DEPLACEMENT DE FREQUENCE**  
[72] GASHUS, Ove Kris, CA  
[71] GASHUS, Ove Kris, CA  
[22] 1998-12-03  
[43] 1999-06-17  
[30] US (08/992,256) 1997-12-17

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[21] **2,255,133**  
[13] A1  
[51] **Int.Cl. 6G06F 9/44 6G06F 17/30**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EFFICIENT REPRESENTATION OF VARIABLE LENGTH IDENTIFIERS IN A DISTRIBUTED OBJECT SYSTEM**  
[54] **METHODE ET DISPOSITIF ASSURANT UNE REPRESENTATION EFFICACE DES INDICATEURS DE LONGUEUR D'UN SYSTEME A OBJETS REPARTI**  
[72] CAVANAUGH, Ken M., US  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1998-12-04  
[43] 1999-06-18  
[30] US (08/993,204) 1997-12-18

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[21] **2,255,139**  
[13] A1  
[51] **Int.Cl. 6B65B 11/18 6B65B 5/06 6B65D 71/06**  
[25] EN  
[54] **METHOD AND PLANT FOR FORMING STABLE STACKS OF INTRINSICALLY UNSTABLE OBJECTS**  
[54] **METHODE ET EQUIPEMENT POUR FORMER DES PILES STABLES D'OBJETS A INSTABILITE INTRINSEQUE**  
[72] SCHIANCHI, Mirco, IT  
[71] GRUPPO ELETTRIC 80 BIEFFE S.R.L., IT  
[22] 1998-12-16  
[43] 1999-06-17  
[30] IT (RE97A000101) 1997-12-17

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[21] **2,255,142**  
[13] A1  
[51] **Int.Cl. 6A01N 37/10**  
[25] EN  
[54] **AQUEOUS MITICIDE CONTAINING BENZYL BENZOATE**  
[54] **ACARICIDE AQUEUX RENFERMANT DU BENZOATE DE BENZYLE**  
[72] HANSEN, Eric J., US  
[72] WILLIAMS, Jesse J., US  
[71] BISSELL INC., US  
[22] 1998-12-18  
[43] 1999-06-19  
[30] US (60/068,270) 1997-12-19

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[21] **2,255,148**  
[13] A1  
[51] **Int.Cl. 6A61K 7/021 6A61K 7/06 6A61K 7/48**  
[25] FR  
[54] **COMPOSITION COSMETIQUE SOLIDE ET SES UTILISATIONS**  
[54] **COSMETIC COMPOSITION IN SOLID FORM AND ITS USES**  
[72] ROULIER, Véronique, FR  
[72] QUEMIN, Eric, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-17  
[43] 1999-06-19  
[30] FR (97 16 173) 1997-12-19

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[21] **2,255,157**  
[13] A1  
[51] **Int.Cl. 6C12N 1/20 6C12P 1/04 6C12P 19/26 6C11D 3/30 6C11D 1/42**  
[25] EN  
[54] **NEW LIPOPOLYSACCHARIDE BIOSURFACTANT**  
[54] **NOUVEAU BIOSURFACTANT LIPOPOLYSACCHARIDE**  
[72] FASCETTI, Eugenio, IT  
[72] SACCEDDU, Pasquale, IT  
[72] PORCELLI, Filippo, IT  
[72] CRESCENZI, Francesco, IT  
[72] CAMILLI, Marcello, IT  
[72] PROSPERI, Giulio, IT  
[71] ENITECNOLOGIE S.p.A, IT  
[22] 1998-12-18  
[43] 1999-06-19  
[30] IT (MI97/A 002809) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6C09B 48/00 6C09D 11/00 6C09B 47/04 6C09B 57/04 6C09D 7/12 6C09B 3/14**  
[25] EN  
[54] **PROCESS FOR PREPARING ORGANIC PIGMENT COMPOSITIONS**  
[54] **PROCEDE DE PREPARATION DE COMPOSITIONS PIGMENTS ORGANIQUES**  
[72] GREENE, Michael J., US  
[72] RICE, Daphne J., US  
[72] BADEJO, Ibraheem T., US  
[71] BAYER CORPORATION, US  
[22] 1998-12-03  
[43] 1999-06-17  
[30] US (08/991,980) 1997-12-17

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[13] A1  
[51] **Int.Cl. 6A61K 7/025 6A61K 7/021 6A61K 7/06 6A61K 7/42 6A61K 7/48**  
[25] FR  
[54] **COMPOSITION COSMETIQUE SOLIDE ET SES UTILISATIONS**  
[54] **COSMETIC COMPOSITION IN SOLID FORM AND ITS USES**  
[72] QUEMIN, Eric, FR  
[72] ROULIER, Véronique, FR  
[71] L'ORÉAL, FR  
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[43] 1999-06-19  
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[21] **2,255,169**  
[13] A1

[51] **Int.Cl. 6H04M 11/06 6H04B 3/20**  
[25] EN  
[54] **DETECTION OF THE ANSWERING TONE FOR MODEMS AND FAX MACHINES**  
[54] **DETECTION DE LA TONALITE DE REPONSE DE MODEMS ET DE TELECOPIEURS**  
[72] MAURER, Michael, DE  
[71] ALCATEL, FR  
[22] 1998-12-15  
[43] 1999-06-17  
[30] DE (197 55 983.2) 1997-12-17

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[21] **2,255,175**  
[13] A1

[51] **Int.Cl. 6G02B 6/16 6G02B 6/44**  
[25] EN  
[54] **FIBER OPTIC CABLE**  
[54] **CABLE FIBRES OPTIQUES**  
[72] WAGMAN, Richard S., US  
[72] LOGAN, Eric R., US  
[71] SIECOR CORPORATION, US  
[22] 1998-12-03  
[43] 1999-06-15  
[30] US (08/990,974) 1997-12-15

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[21] **2,255,203**  
[13] A1

[51] **Int.Cl. 6A61K 7/40 6A61K 7/48**  
[25] FR  
[54] **COMPOSITION COSMETIQUE ET/OU DERMATOLOGIQUE A BASE D'ACIDE ASCORBIQUE SOUS FORME DE POWDRE**  
[54] **ASCORBIC ACID COSMETIC OR SKIN CARE COMPOSITION, IN POWDERED FORM**  
[72] JACQUIER, Isabelle, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-14  
[43] 1999-06-15  
[30] FR (97 15 860) 1997-12-15

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[21] **2,255,204**  
[13] A1

[51] **Int.Cl. 6A61M 35/00 6A61N 5/06**  
[25] FR  
[54] **DISPOSITIF COMPRENANT UNE COMPOSITION CHROMOPHORE A APPLIQUER SUR LA PEAU, PROCEDE DE FABRICATION D'UN TEL DISPOSITIF ET UTILISATIONS**  
[54] **APPLICATOR COMPRISING A CHROMOPHORE COMPOSITION TO BE APPLIED ON THE SKIN, MANUFACTURING PROCESS FOR SUCH A DEVICE, AND ITS USES**  
[72] SUMIAN, Chrystlain, FR  
[72] MORDON, Serge, FR  
[72] PITRE, Franck, FR  
[71] GALDERMA RESEARCH & DEVELOPMENT, FR  
[22] 1998-12-15  
[43] 1999-06-16  
[30] FR (97 15 953) 1997-12-16

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[21] **2,255,206**  
[13] A1

[51] **Int.Cl. 6C07D 487/04 6A61K 7/13**  
[25] FR  
[54] **COMPOSITIONS DE TEINTURE DES FIBRES KERATINIQUES CONTENANT DES PYRAZOLO-AZOLES; LEUR UTILISATION POUR LA TEINTURE COMME BASE D'OXYDATION; PROCEDE DE TEINTURE; NOUVEAUX PYRAZOLO-AZOLES**  
[54] **COMPOSITIONS FOR KERATIN FIBRE DYES CONTAINING PYRAZOLO-AZOLES, THEIR USE AS OXYDATION BASE FOR SUCH DYES, DYEING TECHNIQUE AND NEW PYRAZOLO-AZOLES**  
[72] VIDAL, Laurent, FR  
[72] MAUBRU, Mireille, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-15  
[43] 1999-06-16  
[30] FR (97 15 947) 1997-12-16

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[21] **2,255,209**  
[13] A1

[51] **Int.Cl. 6B05C 21/00 6A45D 19/00 6A45D 19/02**  
[25] FR  
[54] **RECIPIENT POUR LE CONDITIONNEMENT D'UNE COMPOSITION, NOTAMMENT CAPILLAIRE, EN VUE DE SON APPLICATION SUR UN SUPPORT**  
[54] **CONTAINER FOR CONDITIONING A COMPOSITION, IN PARTICULAR A CAPILLARY COMPOSITION, IN ORDER TO APPLY IT TO A MEDIA**  
[72] DE LAFORCADE, Vincent, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-15  
[43] 1999-06-19  
[30] FR (97 16 172) 1997-12-19

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[21] **2,255,213**  
[13] A1

[51] **Int.Cl. 6G02C 7/06**  
[25] FR  
[54] **LENTILLES OPHTALMIQUES MULTIFOCALES A ABERRATION SPHERIQUE VARIABLE SUIVANT L'ADDITION ET L'AMETROPIE**  
[54] **MULTIFOCAL CONTACT LENSES WITH SPHERICAL ABERRATION VARIABLE ACCORDING TO ADDITION AND AMETROPIA**  
[72] CHATEAU, Nicolas, FR  
[72] BAUDE, Dominique, FR  
[71] EUSILOR INTERNATIONAL (Compagnie Générale d'Optique), FR  
[22] 1998-12-15  
[43] 1999-06-16  
[30] FR (97 15 927) 1997-12-16

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[21] **2,255,222**  
[13] A1

[51] **Int.Cl. 6A61K 7/48 6A61K 31/05 6A61K 7/40**  
[25] FR  
[54] **UTILISATION DU PHLOROGLUCINOL DANS UNE COMPOSITION COSMETIQUE**  
[54] **USE OF PHLOROGLUCINOL IN A COMPOSITION**  
[72] RENAULT, Béatrice, FR  
[72] BRETON, Lionel, FR  
[72] GIRERD, Florence, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-16  
[43] 1999-06-19  
[30] FR (97 16 181) 1997-12-19

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[13] A1

[51] Int.Cl. 6C09B 48/00 6C09D 11/00  
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6C09B 3/14  
[25] EN  
[54] METHOD FOR CONDITIONING  
ORGANIC PIGMENTS  
[54] METHODE DE  
CONDITIONNEMENT DE PIGMENTS  
ORGANIQUES  
[72] THOMPSON, Brian L., US  
[72] SHANNON, Charles E., US  
[72] SANDEFUR, Charles W., US  
[71] BAYER CORPORATION, US  
[22] 1998-12-03  
[43] 1999-06-17  
[30] US (08/992,280) 1997-12-17

[21] 2,255,226  
[13] A1

[51] Int.Cl. 6A61K 7/48 6A61K 7/02  
[25] FR  
[54] UTILISATION DE L'ACIDE  
CINNAMIQUE OU D'AU MOINS L'UN  
DE SES DERIVES DANS UNE  
COMPOSITION COSMETIQUE  
[54] USE OF CINNAMIC ACID, OR AT  
LEAST ONE OF ITS DERIVATIVES,  
IN A COSMETIC COMPOSITION  
[72] RENAULT, Béatrice, FR  
[72] BRETON, Lionel, FR  
[72] GIRERD, Florence, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-16  
[43] 1999-06-19  
[30] FR (97 16 178) 1997-12-19

[21] 2,255,229  
[13] A1

[51] Int.Cl. 6A61K 7/48 6A61K 7/02  
6A61K 7/40  
[25] FR  
[54] UTILISATION DE L'ACIDE  
CINNAMIQUE OU DE SES DERIVES  
DANS UNE COMPOSITION  
COSMETIQUE RAFFERMISSANTE  
[54] USE OF CINNAMIC ACID, OR OF  
ITS DERIVATIVES, AS A FIRING  
AGENT IN A COSMETIC  
COMPOSITION  
[72] GIRERD, Florence, FR  
[72] BRETON, Lionel, FR  
[72] RENAULT, Béatrice, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-16  
[43] 1999-06-19  
[30] FR (97 16 180) 1997-12-19

[21] 2,255,231  
[13] A1

[51] Int.Cl. 6B65D 25/00 6A45D 34/04  
6B65D 8/10  
[25] FR  
[54] RECIPIENT COMPORTANT UNE  
PIECE ANTI-FUITE ET PIECE ANTI-  
FUITE  
[54] CONTAINER WITH LEAK-  
PREVENTIVE BODY AND LEAK-  
PREVENTIVE BODY  
[72] GUERET, Jean-Louis, FR  
[71] L'ORÉAL, FR  
[22] 1998-12-17  
[43] 1999-06-19  
[30] FR (97 16 161) 1997-12-19

[21] 2,255,232  
[13] A1

[51] Int.Cl. 6H03L 7/085 6H03L 7/08  
[25] EN  
[54] METHOD AND DEVICE FOR THE  
DIGITAL CONTROL OF A PHASE-  
LOCKED LOOP AND RELATIVE  
PHASE-LOCKED LOOP THUS  
OBTAINED  
[54] METHODE ET DISPOSITIF DE  
REGULATION NUMERIQUE D'UNE  
BOUCLE A PHASE ASSERVIE ET  
BOUCLE A PHASE ASSERVIE AINSI  
OBTENUE  
[72] CUCCHI, Silvio, IT  
[72] MARCHIORI, Michele, IT  
[72] ORSUCCI, Marzio, IT  
[71] ALCATEL, FR  
[22] 1998-12-15  
[43] 1999-06-16  
[30] IT (MI 97/A 02772) 1997-12-16

[21] 2,255,235  
[13] A1

[51] Int.Cl. 6C07C 211/36 6C07C 209/52  
[25] EN  
[54] PREPARATION OF 3-  
AMINOMETHYL-3,5,5-  
TRIMETHYLCYCLOHEXYLAMINE  
HAVING A CIS/TRANS ISOMER RATIO  
OF AT LEAST 70:30  
[54] PREPARATION DE 3-  
AMINOMETHYL-3,5,5-  
TRIMETHYLCYCLOHEXYLAMINE  
AYANT UN RAPPORT  
D'ISOMERISATION CIS-TRANS D'AU  
MOINS 70:30  
[72] ROß, Karl-Heinz, DE  
[72] WAHL, Peter, DE  
[72] VOIT, Guido, DE  
[72] BREITSCHIEDL, Boris, DE  
[72] LUYKEN, Hermann, DE  
[72] WITZEL, Tom, DE  
[71] ROß, Karl-Heinz, DE  
[71] WAHL, Peter, DE  
[71] VOIT, Guido, DE  
[71] BREITSCHIEDL, Boris, DE  
[71] LUYKEN, Hermann, DE  
[71] WITZEL, Tom, DE  
[22] 1998-12-15  
[43] 1999-06-18  
[30] DE (197 56 400.3) 1997-12-18

[21] 2,255,247  
[13] A1

[51] Int.Cl. 6B61L 29/08  
[25] EN  
[54] RAILROAD CROSSING GATE  
MECHANISM COUNTERWEIGHT  
RAISING DEVICE  
[54] DISPOSITIF D'ELEVATION A  
CONTREPOIDS POUR BARRIERE DE  
PASSAGE A NIVEAU  
[72] LeVOIR, Donald L., US  
[71] SAFETRAN SYSTEMS  
CORPORATION, US  
[22] 1998-12-03  
[43] 1999-06-19  
[30] US (08/994,386) 1997-12-19

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[13] A1

[51] **Int.Cl. 6D06F 58/20**  
[25] EN  
[54] **EXHAUST VENT ADAPTER FOR A CLOTHES DRYER**  
[54] **ADAPTATEUR DE CONDUIT DE SORTIE POUR SECHEUSE**  
[72] TUGGLE, W. Gregory, US  
[71] NEMCO, INC., US  
[22] 1998-12-15  
[43] 1999-06-16  
[30] US (60/069,835) 1997-12-16

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[21] **2,255,264**  
[13] A1

[51] **Int.Cl. 6E21B 49/08 6E03B 3/08**  
[25] EN  
[54] **MULTI-SCREEN GROUNDWATER MONITORING WELL SYSTEM**  
[54] **SYSTEME DE SURVEILLANCE A ECRANS MULTIPLES D'EAU SOUTERRAINE D'UN Puits**  
[72] BUTLER, Gilbert S., US  
[72] DAVIDSON, Gilbert L., US  
[71] BUTLER, Gilbert S., US  
[71] DAVIDSON, Gilbert L., US  
[22] 1998-12-14  
[43] 1999-06-15  
[30] US (08/990,683) 1997-12-15

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[21] **2,255,270**  
[13] A1

[51] **Int.Cl. 6B61F 5/12 6B61F 5/24**  
[25] EN  
[54] **RAIL CAR TRUCK DAMPING SYSTEM**  
[54] **SYSTEME AMORTISSEUR DE CAMIONS WAGONS PORTE-RAILS**  
[72] TAILLON, Armand P., US  
[71] STANDARD CAR TRUCK COMPANY, US  
[22] 1998-12-02  
[43] 1999-06-15  
[30] US (08/990,131) 1997-12-15

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[13] A1

[51] **Int.Cl. 6H04B 3/02 6H04B 15/00 6H04B 3/28**  
[25] EN  
[54] **PROCESS AND ARRANGEMENT FOR SUPPRESSING PARASITIC SIGNALS IN COAXIAL CABLES**  
[54] **PROCESSUS ET SYSTEME DE SUPPRESSION DE SIGNAUX PARASITES DANS LES CABLES COAXIAUX**  
[72] KRIMMEL, Heinz, DE  
[72] HEIDEMANN, Rolf, DE  
[71] ALCATEL, FR  
[22] 1998-12-14  
[43] 1999-06-16  
[30] DE (197 55 774.0) 1997-12-16

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[13] A1

[51] **Int.Cl. 6C12N 15/16 6C12Q 1/00 6A01K 67/027 6C12N 15/85**  
[25] EN  
[54] **GALANIN TRANSGENIC MICE**  
[54] **SOURIS TRANSGENIQUES GALANINES**  
[72] VRONTAKIS, Maria E., CA  
[71] THE UNIVERSITY OF MANITOBA, CA  
[22] 1998-12-17  
[43] 1999-06-17  
[30] US (60/069,929) 1997-12-17

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[21] **2,255,295**  
[13] A1

[51] **Int.Cl. 6H04M 1/26 6H04M 1/274**  
[25] EN  
[54] **COMMUNICATION APPARATUS**  
[54] **APPAREIL DE COMMUNICATION**  
[72] WATANABE, Takashi, JP  
[71] KABUSHIKI KAISHA TOSHIBA, JP  
[22] 1998-12-08  
[43] 1999-06-19  
[30] JP (9-350333) 1997-12-19

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[13] A1

[51] **Int.Cl. 6F16H 48/04 6B60K 17/344 6B60K 17/348**  
[25] EN  
[54] **FULL-TIME TRANSFER CASE WITH INTEGRATED PLANETARY GEAR ASSEMBLY AND SYNCHRONIZED RANGE SHIFT MECHANISM**  
[54] **BOITE DE TRANSFERT EN PRISE PERMANENTE AVEC TRAIN PLANETAIRE INTEGRE ET COMMANDE GAMME SYNCHRONISEE**  
[72] WILLIAMS, Randolph C., US  
[71] NEW VENTURE GEAR, INC., US  
[22] 1998-12-08  
[43] 1999-06-15  
[30] US (08/990,305) 1997-12-15

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[13] A1

[51] **Int.Cl. 6C08J 9/22 6C08L 67/02**  
[25] EN  
[54] **FLEXIBLE POLYESTER FOAMS**  
[54] **MOUSSE POLYESTER SOUPLE**  
[72] AL GHATTA, Hussain, IT  
[72] SEVERINI, Tonino, IT  
[72] VOSA, Renato, IT  
[72] COBROR, Sandro, IT  
[71] SINCO RICERCHES S.P.A., IT  
[22] 1998-12-10  
[43] 1999-06-17  
[30] IT (MI97A002793) 1997-12-17

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[13] A1

[51] **Int.Cl. 6C07C 69/34 6C08L 7/00 6C08L 9/00 6C08L 21/00 6C08L 15/02 6C08K 5/11 6C07C 69/50**  
[25] EN  
[54] **ORGANIC ESTER PLASTICIZERS**  
[54] **PLASTIFIANTS ESTERIQUES ORGANIQUES**  
[72] KOCH, Russell W., US  
[71] BRIDGESTONE CORPORATION, JP  
[22] 1998-12-09  
[43] 1999-06-19  
[30] US (08/994,666) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6C09K 7/02 6E21B 43/267**  
[25] EN  
[54] **GELLING COMPOSITION FOR WELLBORE SERVICE FLUIDS**  
[54] **FLUIDES DE FORAGE COMPRENANT UNE COMPOSITION GELIFIANTE**  
[72] TUSTIN, Gary John, GB  
[72] JONES, Timothy Gareth John, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1998-12-09  
[43] 1999-06-13  
[30] GB (9726335.4) 1997-12-13

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[21] **2,255,323**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/36 6H04B 1/69**  
[25] EN  
[54] **CELL SEARCH METHOD AND MOBILE STATION APPARATUS**  
[54] **METHODE ET POSTE MOBILE DE RECHERCHE CELLULAIRE**  
[72] WATANABE, Masatoshi, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1998-12-10  
[43] 1999-06-18  
[30] JP (9-364569) 1997-12-18

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[21] **2,255,337**  
[13] A1  
[51] **Int.Cl. 6C07D 233/64 6C07D 403/10 6C07D 405/10 6C07D 405/12 6C07D 403/14 6C07D 405/14 6A61K 31/415**  
[25] EN  
[54] **IMIDAZOLE DERIVATIVE AND MEDICINE COMPRISING THE SAME AS ACTIVE INGREDIENT**  
[54] **DERIVE D'IMIDAZOLE ET MEDICAMENT COMPRENANT CELUI-CI EN TANT QUE MATIERE ACTIVE**  
[72] MIKAMI, Tadashi, JP  
[72] SHIOIRI, Noriaki, JP  
[72] MORIMOTO, Shinichi, JP  
[72] YOKOYAMA, Toshio, JP  
[72] KAWAMOTO, Noriyuki, JP  
[72] YAMAZAKI, Kazuo, JP  
[72] HASEGAWA, Hiroshi, JP  
[72] OKAWA, Junji, JP  
[72] SATO, Susumu, JP  
[72] TACHIBANA, Koichi, JP  
[72] NAITO, Hiroyuki, JP  
[71] SSP CO., LTD., JP  
[22] 1998-12-01  
[43] 1999-06-16  
[30] JP (9-346215) 1997-12-16

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[21] **2,255,338**  
[13] A1  
[51] **Int.Cl. 6E04H 1/04 6E04B 1/94**  
[25] EN  
[54] **AN APARTMENT BUILDING**  
[54] **IMMEUBLE D'HABITATION**  
[72] THORSNES, Ola O., NO  
[72] SELVAAG, Olav, NO  
[71] SELVAAG HOMES AS, NO  
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[43] 1999-06-15  
[30] NO (19975885) 1997-12-15  
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[21] **2,255,353**  
[13] A1  
[51] **Int.Cl. 6C08L 23/28 6C09D 175/04 6C08L 75/04 6C08L 61/06 6C09D 123/28**  
[25] EN  
[54] **AN ELASTOMERIC PRIMER FOR USE WITH EPDM ROOFING MEMBRANES**  
[54] **COUCHE PRIMAIRE ELASTOMERIQUE POUR UTILISER AVEC DES MEMBRANES EPDM POUR TOITS**  
[72] GORMAN, William B., US  
[72] ALEXANDER, Brian S., US  
[72] FIELDHOUSE, John W., US  
[72] SLUSHER, Carter C., US  
[71] BRIDGESTONE/FIRESTONE, INC., US  
[22] 1998-12-09  
[43] 1999-06-17  
[30] US (08/992,386) 1997-12-17

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[21] **2,255,354**  
[13] A1  
[51] **Int.Cl. 6C09K 7/02 6E21B 43/267**  
[25] EN  
[54] **VISCOELASTIC SURFACTANT BASED GELLING COMPOSITION FOR WELLBORE SERVICE FLUIDS**  
[54] **COMPOSITION GELIFIANTE A BASE D'AGENTS DE SURFACE VISCOELASTIQUES POUR FLUIDES D'UTILISATION D'UN Puits**  
[72] HUGHES, Trevor L., GB  
[72] TUSTIN, Gary John, GB  
[72] JONES, Timothy Gareth John, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1998-12-09  
[43] 1999-06-13  
[30] GB (9726334.7) 1997-12-13

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[21] **2,255,355**  
[13] A1  
[51] **Int.Cl. 6H04Q 7/20 6H04Q 7/34**  
[25] EN  
[54] **A METHOD AND APPARATUS FOR INTERFERENCE AVOIDANCE IN A WIRELESS COMMUNICATION SYSTEM**  
[54] **METHODE ET APPAREIL PERMETTANT D'EVITER LES BROUILLAGES DANS UN SYSTEME DE TELECOMMUNICATIONS SANS FIL**  
[72] CHAWLA, Kapil K., US  
[72] QIU, Xiaoxin, US  
[71] AT&T CORP., US  
[22] 1998-12-09  
[43] 1999-06-16  
[30] US (08/991,571) 1997-12-16

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[21] **2,255,356**  
[13] A1  
[51] **Int.Cl. 6C09K 7/02 6E21B 43/267**  
[25] EN  
[54] **GELLING POLYMERS FOR WELLBORE SERVICE FLUIDS**  
[54] **POLYMERES GELIFIANTS POUR FLUIDES D'UTILISATION D'UN Puits**  
[72] JONES, Timothy Gareth John, GB  
[72] TUSTIN, Gary John, GB  
[71] SCHLUMBERGER CANADA LIMITED, CA  
[22] 1998-12-09  
[43] 1999-06-13  
[30] GB (9726332.1) 1997-12-13

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[13] A1  
[51] **Int.Cl. 6F04C 18/02**  
[25] EN  
[54] **SCROLL-TYPE COMPRESSOR AND OPERATION METHOD THEREFOR**  
[54] **COMPRESSEUR A VIS SANS FIN ET METHODE D'UTILISATION**  
[72] KAWADA, Minoru, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1998-12-10  
[43] 1999-06-18  
[30] JP (9-363831) 1997-12-18

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[21] **2,255,390**  
[13] A1

[51] **Int.Cl. 6G11B 19/12 6G11B 7/00**  
[25] EN  
[54] **OPTICAL DISC DEVICE**  
[54] **SYSTEME DE DISQUE OPTIQUE**  
[72] NOMURA, Masaru, JP  
[71] SHARP KABUSHIKI KAISHA, JP  
[22] 1998-12-09  
[43] 1999-06-15  
[30] JP (9-343529) 1997-12-15

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[21] **2,255,393**  
[13] A1

[51] **Int.Cl. 6G06F 9/44 6G06F 9/46**  
[25] EN  
[54] **METHOD AND APPARATUS FOR CONSTRUCTING STABLE ITERATORS IN A SHARED DATA COLLECTION**  
[54] **METHODE ET DISPOSITIF A ITERATIONS STABLES D'UN ENSEMBLE DE DONNEES PARTAGEES**  
[72] CAVANAUGH, Ken M., US  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1998-12-04  
[43] 1999-06-18  
[30] US (08/993,205) 1997-12-18

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[21] **2,255,397**  
[13] A1

[51] **Int.Cl. 6H01H 71/10 6H01H 73/00**  
[25] EN  
[54] **FAULT INTERRUPTER AND OPERATING MECHANISM THEREFOR**  
[54] **INTERRUPTEUR DE DEFAILLANCE ET SON MECANISME DE FONCTIONNEMENT**  
[72] KOWALYSHEN, Henry W., US  
[72] OPFER, John C., US  
[72] LIN, Chester H., US  
[71] S&C ELECTRIC COMPANY, US  
[22] 1998-12-09  
[43] 1999-06-19  
[30] US (08/994,720) 1997-12-19

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[13] A1

[51] **Int.Cl. 6H01H 3/00 6H01H 3/22**  
[25] EN  
[54] **POWER OPERATOR FOR SWITCHGEAR WITH MANUAL FEATURES**  
[54] **ORGANE DE COMMANDE POUR APPAREILLAGE DE COMMUTATION AVEC FONCTIONS MANUELLES**  
[72] LO, Steve Chung-Bun, CA  
[72] KLIPPEL, Todd W., US  
[72] KERR, Terrence S., CA  
[72] HILL, Douglas B., CA  
[71] S&C ELECTRIC COMPANY, US  
[22] 1998-12-09  
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[30] US (08/996,085) 1997-12-19  
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[13] A1

[51] **Int.Cl. 6G06F 9/44**  
[25] EN  
[54] **METHOD AND APPARATUS FOR EXECUTING CODE DURING METHOD INVOCATION**  
[54] **METHODE ET APPAREIL PERMETTANT D'EXECUTER UN CODE LORSQU'ON FAIT APPEL A UNE METHODE**  
[72] JINDAL, Anita, US  
[72] CAVANAUGH, Ken M., US  
[72] GARG, Rohit, US  
[72] KRISHNAN, Sanjeev, US  
[71] SUN MICROSYSTEMS, INC., US  
[22] 1998-12-04  
[43] 1999-06-18  
[30] US (08/993,287) 1997-12-18

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[21] **2,255,431**  
[13] A1

[51] **Int.Cl. 6A47K 3/22**  
[25] EN  
[54] **SHOWER ENCLOSURE**  
[54] **ENCEINTE DE DOUCHE**  
[72] GOODWIN, David Malcolm, GB  
[71] ALTURA LEIDEN HOLDING B.V., NL  
[22] 1998-12-11  
[43] 1999-06-13  
[30] GB (9726282.8) 1997-12-13

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[21] **2,255,434**  
[13] A1

[51] **Int.Cl. 6C08F 255/02**  
[25] EN  
[54] **MORPHOLOGY CONTROL IN POLY-PROPYLENE GRAFT COPOLYMERS**  
[54] **CONTROLE MORPHOLOGIQUE DE COPOLYMERES GREFFES DE POLYPROPYLENE**  
[72] SONG, Cheng Q., US  
[72] BIGIAMI, Daniele, IT  
[71] MONTELL NORTH AMERICA INC., US  
[22] 1998-12-08  
[43] 1999-06-18  
[30] US (08/993,163) 1997-12-18

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[21] **2,255,436**  
[13] A1

[51] **Int.Cl. 6F41H 11/02**  
[25] EN  
[54] **A SHARED APERTURE DICHROIC ACTIVE TRACKER WITH BACKGROUND SUBTRACTION**  
[54] **SUIVEUR DICHROIQUE ACTIF OUVERTURE PROTEGEE AVEC SOUSTRACTION DE L'ARRIERE-PLAN**  
[72] LIVINGSTON, Peter M., US  
[71] TRW INC., US  
[22] 1998-12-10  
[43] 1999-06-15  
[30] US (08/991,061) 1997-12-15

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[21] **2,255,438**  
[13] A1

[51] **Int.Cl. 6F16H 48/04 6F16H 48/20 6B60K 17/344 6B60K 17/348**  
[25] EN  
[54] **TWO-SPEED TRANSFER CASE WITH SYNCHRONIZED RANGE SHIFT MECHANISM**  
[54] **BOITE DE TRANSFERT A DEUX VITESSES AVEC COMMANDE GAMME SYNCHRONISEE**  
[72] WILLIAMS, Randolph C., US  
[71] NEW VENTURE GEAR, INC., US  
[22] 1998-12-10  
[43] 1999-06-15  
[30] US (08/990,307) 1997-12-15

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[21] 2,255,457  
[13] A1

[51] Int.Cl. 6C02F 1/56  
[25] EN  
[54] AMPHOTERIC POLYMER/  
POLYAMINE COMBINATIONS FOR  
COLOR REMOVAL AND  
CLARIFICATION OF PAPER MILL  
WASTE WATER  
[54] COMPOSES DE POLYMERES-  
POLYAMIDE AMPHOTERIQUE  
SERVANT A DECOLORER ET  
CLARIFIER LES EAUX USEES DES  
USINES A PAPIER  
[72] BRADEN, Michael L., US  
[72] METZGAR, Richard E., US  
[72] SHAH, Jitendra T., US  
[71] NALCO CHEMICAL COMPANY, US  
[22] 1998-12-10  
[43] 1999-06-18  
[30] US (08/993,229) 1997-12-18

[21] 2,255,459  
[13] A1

[51] Int.Cl. 6C08K 5/34 6C08L 69/00  
6C08L 55/02 6C08K 5/3462 6C08K 5/3492  
[25] EN  
[54] STABILIZATION OF  
POLYCARBONATE/ABS BLENDS  
WITH MIXTURES OF HINDERED  
AMINES AND UV ABSORBERS  
[54] STABILISATION DE MELANGES  
DE POLYCARBONATE ET D'ABS  
AVEC DES MELANGES D'AMINES  
FREINES ET D'ABSORBEURS UV  
[72] ANDREWS, Stephen Mark, US  
[71] CIBA SPECIALTY CHEMICALS  
HOLDING INC., CH  
[22] 1998-12-11  
[43] 1999-06-15  
[30] US (08/991,044) 1997-12-15

[21] 2,255,460  
[13] A1

[51] Int.Cl. 6C12Q 1/48 6C12Q 1/18  
6C12Q 1/68  
[25] EN  
[54] A NEW TARGET FOR ANTIBIOTIC  
DESIGN  
[54] NOUVELLE CIBLE DANS LA  
CONCEPTION D'ANTIBIOTIQUES  
[72] NEWMAN, Elaine B., CA  
[71] NEWMAN, Elaine B., CA  
[22] 1998-12-11  
[43] 1999-06-15  
[30] CA (2,224,776) 1997-12-15

[21] 2,255,467  
[13] A1

[51] Int.Cl. 6C08K 5/17 6C08K 5/00  
6C08L 23/02 6C08L 83/08  
[25] EN  
[54] DUCTILE, GAMMA RADIATION  
RESISTANT POLYOLEFIN  
COMPOSITION AND ARTICLES  
PRODUCED THEREFROM  
[54] COMPOSE ET ARTICLES DE  
POLYOLEFINE DUCTILE  
RESISTANTS AUX RAYONS GAMMA  
[72] PIERSON, Teresa A., US  
[71] MONTELL NORTH AMERICA INC.,  
US  
[22] 1998-12-08  
[43] 1999-06-18  
[30] US (08/993,966) 1997-12-18

[21] 2,255,468  
[13] A1

[51] Int.Cl. 6B05B 7/08  
[25] EN  
[54] SPRAY NOZZLE FOR APPLYING  
METALLIC-FILLED SOLVENTLESS  
RESIN COATING AND METHOD  
[54] PISTOLET DE PULVERISATION  
POUR APPLIQUER UN REVETEMENT  
RESINEUX METALLISE SANS  
SOLVANT ET METHODE  
D'UTILISATION  
[72] SCARPA, Jack G., US  
[72] FLETCHER BURGESS, James, US  
[72] KELLY, Matthew, US  
[72] MARLIN, John D., US  
[72] HOWARD, Anthony, US  
[71] USBI CO., US  
[22] 1998-12-11  
[43] 1999-06-13  
[30] US (08/990,209) 1997-12-13

[21] 2,255,471  
[13] A1

[51] Int.Cl. 6H01L 29/772 6H01L 29/76  
[25] EN  
[54] SEMICONDUCTOR DEVICE  
[54] DISPOSITIF A  
SEMICONDUCTEUR  
[72] NAKAYAMA, Hajime, JP  
[71] SONY CORPORATION, JP  
[22] 1998-12-10  
[43] 1999-06-15  
[30] JP (P09-345363) 1997-12-15

[21] 2,255,473  
[13] A1

[51] Int.Cl. 6B05B 7/08  
[25] EN  
[54] APPARATUS AND METHOD FOR  
CONVERGENTLY APPLYING  
POLYMER FOAM TO SUBSTRATE  
[54] APPAREIL ET METHODE POUR  
APPLIQUER, DE FACON  
CONVERGENTE, UNE MOUSSE  
POLYMERE A UN SUBSTRAT  
[72] SCARPA, Jack G., US  
[71] USBI CO., US  
[22] 1998-12-11  
[43] 1999-06-13  
[30] US (08/990,208) 1997-12-13

[21] 2,255,475  
[13] A1

[51] Int.Cl. 6H04L 12/64 6H04Q 7/24  
[25] EN  
[54] METHODS AND SYSTEMS FOR  
MANAGING THE ROUTING OF  
PACKETS OVER A HYBRID NETWORK  
[54] METHODES ET SYSTEMES DE  
GESTION DE L'ACHEMINEMENT DE  
L'INFORMATION DANS UN RESEAU  
HYBRIDE  
[72] YING, Wen-Ping, US  
[72] LEUCA, Ileana A., US  
[71] AT&T WIRELESS SERVICES, INC.,  
US  
[22] 1998-12-10  
[43] 1999-06-19  
[30] US (08/994,831) 1997-12-19

[21] 2,255,482  
[13] A1

[51] Int.Cl. 6H01B 7/18 6H01B 7/28  
[25] EN  
[54] MULTICONDUCTOR  
ELECTRICAL CABLE  
[54] CABLE ELECTRIQUE  
MULTICONDUCTEUR  
[72] BRUEWER, Timothy B., US  
[71] CAMCO INTERNATIONAL INC., US  
[22] 1998-12-10  
[43] 1999-06-19  
[30] US (08/994371) 1997-12-19

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[21] **2,255,484**  
[13] A1

[51] **Int.Cl. 6C07C 409/10 6C07C 407/00**  
[25] EN  
[54] **METHOD FOR PREPARING HYDROPEROXIDES BY OXYGENATION**  
[54] **METHODE DE PREPARATION D'HYDROPEROXYDES PAR OXYGENATION**  
[72] GOPINATHAN, Sarada, IN  
[72] SCHMIDHAUSER, John Christopher, US  
[72] GOPINATHAN, Changaramponnath, IN  
[72] FULMER, John William, US  
[71] GOPINATHAN, Sarada, IN  
[71] SCHMIDHAUSER, John Christopher, US  
[71] GOPINATHAN, Changaramponnath, IN  
[71] FULMER, John William, US  
[22] 1998-12-10  
[43] 1999-06-17  
[30] IN (2390/CAL/97) 1997-12-17

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[21] **2,255,494**  
[13] A1

[51] **Int.Cl. 6G01S 5/14**  
[25] EN  
[54] **A METHOD OF PROCESSING SIGNALS OF A SATELLITE POSITIONING SYSTEM**  
[54] **METHODE DE TRAITEMENT DES SIGNAUX D'UN SYSTEME DE POSITIONNEMENT SATELLITE**  
[72] SILVESTRIN, Pierluigi, NL  
[72] COOPER, John, GB  
[71] AGENCE SPATIALE EUROPEENNE, FR  
[22] 1998-12-08  
[43] 1999-06-19  
[30] FR (97 16124) 1997-12-19

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[21] **2,255,502**  
[13] A1

[51] **Int.Cl. 6B62D 55/26**  
[25] EN  
[54] **CRAWLER WEB FOR CRAWLER CHAINS OF CRAWLER VEHICLES, IN PARTICULAR FOR SKI SLOPE OR CROSS-COUNTRY TRACKERS**  
[54] **TRAIN DE CHENILLES POUR CHAINES D'UN VEHICULE A CHENILLES, EN PARTICULIER POUR UN VEHICULE UTILISE SUR LES PENTES DE SKI OU LES PISTES DE SKI**  
[72] HALL, Hans, DE  
[71] HALL, Hans, DE  
[71] HALL, Werner, DE  
[22] 1998-12-11  
[43] 1999-06-13  
[30] DE (197 55 581.0) 1997-12-13

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[21] **2,255,531**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **LABELED PRIMER FOR DETECTING AMPLIFIED NUCLEIC ACIDS**  
[54] **AMORCE MARQUEE POUR TROUVER DES ACIDES NUCLEIQUES AMPLIFIES**  
[72] WEIMER, Thomas, DE  
[71] CENTEON PHARMA GMBH, DE  
[22] 1998-12-14  
[43] 1999-06-15  
[30] DE (P 198 34 913.0) 1998-08-03  
[30] DE (P 198 06 850.6) 1998-02-19  
[30] DE (P 197 55 642.6) 1997-12-15

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[21] **2,255,532**  
[13] A1

[51] **Int.Cl. 6H01R 13/52**  
[25] EN  
[54] **LIQUID RESISTANT CONTACT SYSTEM**  
[54] **SYSTEME DE CONTACT ETANCHE**  
[72] LOTZ, Reinhard, DE  
[71] THOMAS & BETTS CORPORATION, US  
[22] 1998-12-07  
[43] 1999-06-17  
[30] DE (297 22 919.2) 1997-12-17

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[21] **2,255,533**  
[13] A1

[51] **Int.Cl. 6C09D 5/28 6C09D 163/00 6C09D 7/12**  
[25] EN  
[54] **WRINKLE FINISH POWDER COATING WITH PATTERN CONTROL**  
[54] **REVETEMENT EN POUVRE POUR FINI RIDE A CONTROLE DE STRUCTURE**  
[72] DECKER, Owen H., US  
[72] TARNOSKI, Charles P., US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1998-12-14  
[43] 1999-06-18  
[30] US (08/992,997) 1997-12-18

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[21] **2,255,543**  
[13] A1

[51] **Int.Cl. 6C08G 18/67 6C08G 18/10**  
[25] EN  
[54] **SOLID VINYL ETHER TERMINATED URETHANE CURING AGENT**  
[54] **AGENT DE TRAITEMENT URETHANE SOLIDE A TERMINAISON D'ETHER VINYLIQUE**  
[72] DALY, Andrew T., US  
[72] SHAH, Navin B., US  
[71] MORTON INTERNATIONAL, INC., US  
[22] 1998-12-14  
[43] 1999-06-16  
[30] US (08/991,125) 1997-12-16

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[21] **2,255,546**  
[13] A1

[51] **Int.Cl. 6G09F 3/14 6G08B 13/18 6G08B 13/22**  
[25] EN  
[54] **PERFECTED LABEL WHICH CAN BE ATTACHED TO A COMMERCIAL ARTICLE TO EMIT AN ALARM SIGNAL, AND RELATIVE DEVICE FOR DETACHING THE LABEL FROM THE ARTICLE WHERE TO IT IS ATTACHED**  
[54] **ETIQUETTE PERFECTIONNEE POUVANT ETRE ATTACHEE A UN ARTICLE COMMERCIAL POUR EMETTRE UN SIGNAL D'ALARME ET APPAREIL POUR DETACHER CETTE ETIQUETTE D'UN ARTICLE**  
[72] BRENTINI, Attilio, CH  
[71] BRENTINI, Attilio, CH  
[22] 1998-12-14  
[43] 1999-06-17  
[30] IT (MI97U000904 (U.M)) 1997-12-17

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[21] **2,255,547**  
[13] A1

[51] **Int.Cl. 6H01L 31/048 6H01L 31/0203**  
[25] EN  
[54] **PROCESS FOR PRODUCING A SOLAR BATTERY AND A SHEET MATERIAL FOR PROTECTIVE COVERING THEREOF**  
[54] **PROCESSUS DE PRODUCTION D'UNE PILE SOLAIRE ET D'UNE FEUILLE PROTECTRICE POUR CELLE-CI**  
[72] KAMIMURA, Kunio, JP  
[72] UEYAMA, Hideyuki, JP  
[71] SHARP KABUSHIKI KAISHA, JP  
[22] 1998-12-14  
[43] 1999-06-16  
[30] JP (HEI 9(1997)-346146) 1997-12-16  
[30] JP (HEI 10(1998)-254950) 1998-09-09

[21] **2,255,549**  
[13] A1

[51] **Int.Cl. 6F02M 61/00 6F02C 7/22 6F23R 3/28**  
[25] EN  
[54] **BLUFF BODY PREMIXING FUEL INJECTOR AND METHOD FOR PREMIXING FUEL AND AIR**  
[54] **INJECTEUR DE PREMELANGE AU CORPS NON PROFILE ET METHODE DE PREMELANGEAGE DE CARBURANT ET D'AIR**  
[72] SNYDER, Timothy S., US  
[72] SOWA, William A., US  
[72] MORFORD, Stephen A., US  
[72] VAN DYKE, Kevin J., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[22] 1998-12-14  
[43] 1999-06-15  
[30] US (08/991,032) 1997-12-15

[21] **2,255,553**  
[13] A1

[51] **Int.Cl. 6B23D 55/00**  
[25] EN  
[54] **SAFETY DEVICE FOR A BAND SAW ADAPTED FOR CUTTING FROZEN FISH**  
[54] **DISPOSITIF DE SECURITE POUR SCIE A RUBAN SERVANT A DECOUPER DU POISSON CONGELE**  
[72] DECARO, Dana, US  
[71] UNILEVER PLC, GB  
[22] 1998-12-14  
[43] 1999-06-16  
[30] US (08/991,329) 1997-12-16

[21] **2,255,567**  
[13] A1

[51] **Int.Cl. 6E01H 5/10**  
[25] EN  
[54] **LIQUID DISTRIBUTOR**  
[54] **DISTRIBUTEUR DE LIQUIDE**  
[72] TAKAHASHI, Kei, JP  
[71] TAKAHASHI, Kei, JP  
[22] 1998-12-14  
[43] 1999-06-15  
[30] JP (9-363664) 1997-12-15  
[30] JP (10-8201) 1998-10-01

[21] **2,255,788**  
[13] A1

[51] **Int.Cl. 6B62D 65/00 6B65G 37/02**  
[25] EN  
[54] **AUTOMOBILE MANUFACTURING LINE**  
[54] **CHAINE DE FABRICATION D'AUTOMOBILES**  
[72] UENOHARA, Yuzo, JP  
[72] SATO, Minoru, JP  
[72] OATRIDGE, Mike, CA  
[72] EARLE, Mark, CA  
[72] UCHIMURA, Soichiro, JP  
[72] GALLAGHER, Don, CA  
[71] HONDA CANADA INCORPORATED, CA  
[71] HONDA GIKEN KOGYO KABUSHIKI KAISHA, JP  
[22] 1998-12-14  
[43] 1999-06-16  
[30] JP (9-346506) 1997-12-16

[21] **2,255,789**  
[13] A1

[51] **Int.Cl. 6B66C 13/56**  
[25] EN  
[54] **ARRANGEMENT AT A LOADING CRANE PROVIDED WITH A CONTROL SITE**  
[54] **SYSTEME SUR GRUE DE CHARGEMENT AVEC SITE DE CONTROLE**  
[72] MOILANEN, Arto, FI  
[72] RENVALL, Jorma, FI  
[72] REPO, Asko, FI  
[71] LOGLIFT OY AB, FI  
[22] 1998-12-14  
[43] 1999-06-17  
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[13] A1

[51] **Int.Cl. 6C08F 2/24 6C08F 251/00 6C08F 220/10 6D21H 21/16 6D21H 17/28 6D21H 17/37**  
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[54] **IMPROVED SIZING AGENTS FOR PAPER**  
[54] **SOLUTIONS DE COLLAGE AMELIOREES POUR LE PAPIER**  
[72] SACKMANN, Günter, DE  
[72] KONIG, Joachim, DE  
[72] WENZ, Eckhard, DE  
[72] JANSEN, Bernhard, DE  
[72] ROICK, Thomas, DE  
[72] THIELE, Bernd, DE  
[72] KIJLSTRA, Johan, DE  
[71] BAYER AKTIENGESELLSCHAFT, DE  
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[30] DE (19756372.4) 1997-12-18

[21] **2,255,978**  
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[51] **Int.Cl. 6G06F 11/28**  
[25] EN  
[54] **APPARATUS AND METHOD FOR GENERATING MODEL REFERENCE TESTS**  
[54] **APPAREIL ET METHODE SERVANT A REALISER DES ESSAIS PAR REFERENCE A UN MODELE**  
[72] ASAVA, Anand, US  
[72] CHEN, Chao-Kuang, US  
[72] JUAN, Shao-Min, US  
[71] NORTHERN TELECOM LIMITED, CA  
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[43] 1999-06-18  
[30] US (08/993,532) 1997-12-18

[21] **2,255,980**  
[13] A1

[51] **Int.Cl. 6A23D 9/00 6A23G 3/00**  
[25] EN  
[54] **NON-TEMPER, LOW LAURIC FAT COMPOSITIONS**  
[54] **COMPOSITIONS LIPIDIQUES HYPOLAURIQUES NON RECUTES**  
[72] CAIN, Frederick William, NL  
[72] ZWIKSTRA, Nico, DE  
[72] LOOTS, Arie, DE  
[71] CAIN, Frederick William, NL  
[71] ZWIKSTRA, Nico, DE  
[71] LOOTS, Arie, DE  
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[13] A1

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[25] EN  
[54] **MOLDED ELECTRICAL SWITCH**  
[54] **DISPOSITIF DE COMMUTATION**  
**MOULE**  
[72] CROTZER, David R., US  
[72] FEINBERG, Arnie, US  
[72] ALDEN, Wayne S., III, US  
[71] THOMAS & BETTS  
INTERNATIONAL, INC., US  
[22] 1998-12-14  
[43] 1999-06-17  
[30] US (992,756) 1997-12-17

[21] **2,255,983**  
[13] A1

[51] **Int.Cl. 6C04B 35/50**  
[25] EN  
[54] **A CORROSION RESISTANT**  
**CERAMIC AND A PRODUCTION**  
**METHOD THEREOF**  
[54] **CERAMIQUE RESISTANTE A LA**  
**CORROSION ET METHODE DE**  
**PRODUCTION DE CELLE-CI**  
[72] IMAGAWA, Seiki, JP  
[72] KUBO, Hitoshi, JP  
[72] YANAGITANI, Takagimi, JP  
[72] YAGI, Hideki, JP  
[71] KONOSHIMA CHEMICAL CO., LTD.,  
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[30] JP (HEI 9-364105) 1997-12-16

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[13] A1

[51] **Int.Cl. 6H02N 1/00 6A61B 17/00**  
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[25] EN  
[54] **PROCESS FOR PRODUCING AN**  
**ACTUATOR ELEMENT AND**  
**MICRODEVICE**  
[54] **PROCEDE POUR LA**  
**PRODUCTION D'UN ELEMENT ET**  
**D'UN MICRODISPOSITIF**  
**ACTIONNEURS**  
[72] OGURO, Keisuke, JP  
[72] FUJIWARA, Naoko, JP  
[72] ASAKA, Kinji, JP  
[72] SEWA, Shingo, JP  
[72] ONISHI, Kazuo, JP  
[71] AGENCY OF INDUSTRIAL SCIENCE  
AND TECHNOLOGY, MINISTRY OF  
INTERNATIONAL T, JP  
[71] KANEKA MEDIX CORPORATION, JP  
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[43] 1999-06-15  
[30] JP (344807/1997) 1997-12-15  
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[13] A1

[51] **Int.Cl. 6F15B 13/06 6F15B 11/05**  
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[25] EN  
[54] **HYDRAULIC CONTROL VALVE**  
**SYSTEM WITH LOAD SENSING**  
**PRIORITY**  
[54] **SYSTEME DE VALVE DE**  
**CONTROLE HYDRAULIQUE AVEC**  
**PRIORITE DE DETECTION DE**  
**CHARGE**  
[72] HAMKINS, Eric P., US  
[71] HUSCO INTERNATIONAL, INC., US  
[22] 1998-12-14  
[43] 1999-06-17  
[30] US (08/992,591) 1997-12-17

[21] **2,255,993**  
[13] A1

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[72] KANETO, Keiichi, JP  
[72] TAKASHIMA, Wataru, JP  
[72] SEWA, Shingo, JP  
[71] KANETO, Keiichi, JP  
[71] KANEKA MEDIX CORPORATION, JP  
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[21] **2,255,998**  
[13] A1

[51] **Int.Cl. 6G07B 17/02 6G07B 17/04**  
[25] EN  
[54] **POSTAGE METERING SYSTEM**  
**AND METHOD FOR AUTOMATIC**  
**DETECTION OF REMOTE POSTAGE**  
**SECURITY DEVICES ON A NETWORK**  
[54] **SYSTEME ET METHODE**  
**D'AFFRANCHISSEMENT SERVANT A**  
**LA DETECTION AUTOMATIQUE DES**  
**DISPOSITIFS DE SECURITE**  
**D'AFFRANCHISSEMENT A DISTANCE**  
**EN RESEAU**  
[72] RYAN, Frederick W., Jr., US  
[72] RILEY, David W., US  
[72] SANCHEZ, Matthew E., US  
[72] LEE, David K., US  
[72] GRAVELL, Linda V., US  
[72] PIERCE, Perry A., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-14  
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[30] US (08/993,353) 1997-12-18

[21] **2,256,003**  
[13] A1

[51] **Int.Cl. 6G01S 17/06 6G01S 17/10**  
[25] FR  
[54] **DISPOSITIF DE TELEMETRIE**  
**IMPULSIONNELLE A DETECTION**  
**INTRACAVITE**  
[54] **PULSED RANGE FINDING**  
**APPARATUS WITH INTRACAVITY**  
**DETECTION**  
[72] BESESTY, Pascal, FR  
[71] COMMISSARIAT A L'ÉNERGIE  
ATOMIQUE, FR  
[22] 1998-12-11  
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[30] FR (97 16159) 1997-12-19

[21] **2,256,005**  
[13] A1

[51] **Int.Cl. 6D21C 5/02**  
[25] FR  
[54] **PROCEDE DE DESENCRAGE DE**  
**LA PATE A PAPIER PROVENANT DE**  
**PAPIERS RECYCLES**  
[54] **PROCESS FOR DEINKING**  
**PAPERMAKING PULP OBTAINED**  
**FROM RECYCLED PAPER**  
[72] SERRES, Alain, FR  
[71] E & M LAMORT (SOCIÉTÉ  
ANONYME), FR  
[22] 1998-12-11  
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[13] A1

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[54] SUBSTITUTED HETEROCYCLIC  
BENZOCYCLOALKENES AND THEIR  
USE AS ANALGESIC

[54] BENZOCYCLOALKENES  
HETEROCYCLIQUES DE  
SUBSTITUTION ET LEUR  
UTILISATION EN TANT  
QU'ANALGESIQUES

[72] ZIMMER, Oswald, DE

[72] PUTZ, Claudia, DE

[72] STRASSBURGER, Wolfgang, DE

[72] ENGLBERGER, Werner, DE

[72] KOGEL, Babette-Yvonne, DE

[71] GRUNENTHAL GMBH, DE

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[13] A1

[51] Int.Cl. 6H02K 13/00 6B25F 5/00  
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[25] EN

[54] REVERSING MECHANISM FOR  
ELECTRIC MOTORS

[54] MECANISME D'INVERSION DE  
MARCHE POUR MOTEURS  
ELECTRIQUES

[72] KARASA, Alvydas P., US

[72] HOWARD, Thomas J., Jr., US

[71] BLACK & DECKER INC., US

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[13] A1

[51] Int.Cl. 6H02J 13/00 6G06F 1/26

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[54] POWER CONTROL SYSTEM AND  
POWER CONTROL METHOD

[54] SYSTEME ET METHODE DE  
CONTROLE DE PUISSANCE

[72] INOUE, Hiroo, JP

[72] KAWATOKO, Norihiro, JP

[72] FUJITA, Miyuki, JP

[72] KONNO, Yuji, JP

[72] TAJIKA, Hiroshi, JP

[72] ISHIKAWA, Hisashi, JP

[72] TAKAHASHI, Kenji, JP

[71] CANON KABUSHIKI KAISHA, JP

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[43] 1999-06-17

[30] JP (9-348303) 1997-12-17

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[21] 2,256,033  
[13] A1

[51] Int.Cl. 6C07C 229/22 6C07D 305/12  
6C07C 227/32 6C07D 307/33

[25] EN

[54] PROCESS FOR PRODUCING (R)-3-  
HYDROXY-4-BUTYROLACTONE  
USEFUL FOR PREPARING (R) -  
CARNITINE

[54] PROCEDE DE PRODUCTION DE  
(R)-3-HYDROXY-4-BUTYROLACTONE  
UTILISE POUR PREPARE DU (R) -  
CARNITINE

[72] TINTI, Maria Ornella, IT

[72] DE ANGELIS, Francesco, IT

[72] GIANNESI, Fabio, IT

[71] SIGMA-TAU INDUSTRIE

FARMACEUTICHE RIUNITE SPA, IT

[22] 1998-12-14

[43] 1999-06-16

[30] IT (RM97A 000780) 1997-12-16

[21] 2,256,036  
[13] A1

[51] Int.Cl. 6A61L 2/18

[25] EN

[54] LUMEN DEVICE REPROCESSOR  
WITHOUT OCCLUSION

[54] RECUPERATEUR DE FLUX  
LUMINEUX SANS OCCLUSION

[72] LIN, Szu-Min, US

[72] JACOBS, Paul Taylor, US

[71] ETHICON, INC., US

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[43] 1999-06-17

[30] US (08/992,602) 1997-12-17

[21] 2,256,040  
[13] A1

[51] Int.Cl. 6B01J 4/00 6A61L 2/16

[25] EN

[54] APPARATUS AND METHOD FOR  
PROVIDING FLUID TO DEVICES WITH  
REDUCED OR WITHOUT OCCLUSION  
[54] INSTRUMENT ET METHODE  
POUR FOURNIR DES FLUIDES A DES  
APPAREILS A OCCLUSION REDUITE  
OU SANS OCCLUSION

[72] LIN, Szu-Min, US

[72] CHU, Nancy S., US

[72] WU, Su-Syin S., US

[72] JACOBS, Paul Taylor, US

[71] ETHICON, INC., US

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[43] 1999-06-17

[30] US (08/992,603) 1997-12-17

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[13] A1

[51] Int.Cl. 6A61F 13/42

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[54] DISPOSABLE DIAPER

[54] COUCHE JETABLE

[72] SHIMOE, Nariaki, JP

[72] OTSUBO, Toshifumi, JP

[71] UNI-CHARM CORPORATION, JP

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[43] 1999-06-16

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[21] 2,256,050  
[13] A1

[51] Int.Cl. 6D01D 4/06 6D01D 5/28

[25] EN

[54] SYNTHETIC THREAD SPINNING  
PLANT

[54] USINE DE FILATURE DE FILS  
SYNTHETIQUES

[72] WAGNER, Ruedi, CH

[72] BAUER, Gerd, DE

[71] MASCHINENFABRIK RIETER AG,  
CH

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[13] A1

[51] **Int.Cl. 6E04B 9/14 6E04B 9/10**  
[25] EN  
[54] **SPLICE CLIP FOR DRYWALL SUSPENSION GRID**  
[54] **RACCORD POUR GRILLE DE SUSPENSION A CLOISON SECHE**  
[72] WENDT, Alan C., US  
[71] USG INTERIORS, INC., US  
[22] 1998-12-15  
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[21] **2,256,057**  
[13] A1

[51] **Int.Cl. 6F16L 59/14 6B32B 7/06**  
[25] EN  
[54] **ADHESIVE CLOSURE SYSTEM WITH AN ABRIDGED RELEASE LINER**  
[54] **SYSTEME DE FERMETURE ADHESIF A COURTE DOUBLURE AMOVIBLE**  
[72] SIMMONS, George R., US  
[72] KNITTEL, Gerald H., US  
[72] ROTH, Judy A., US  
[71] MORGAN ADHESIVES COMPANY, US  
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[21] **2,256,066**  
[13] A1

[51] **Int.Cl. 6H04Q 3/47**  
[25] EN  
[54] **AN INTERMEDIATE SWITCH SERVICE MANAGEMENT SYSTEM ARCHITECTURE AND METHOD**  
[54] **ARCHITECTURE ET METHODE D'UN SYSTEME INTERMEDIAIRE DE GESTION DE LA COMMUTATION**  
[72] PINO, Locillo G., CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-12-11  
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[13] A1

[51] **Int.Cl. 6E05B 9/02 6E05B 9/06**  
[25] EN  
[54] **A LOCK CASING TO BE INSTALLED INTO A DOOR OR THE LIKE**  
[54] **BOITIER DE SERRURE POUR INSTALLER DANS UNE PORTE OU DANS UNE STRUCTURE SEMBLABLE**  
[72] LEMETTINEN, Jaakko, FI  
[72] RAATIKAINEN, Juha, FI  
[72] PIRINEN, Ari, FI  
[71] ABLOY OY, FI  
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[21] **2,256,073**  
[13] A1

[51] **Int.Cl. 6A01K 87/08 6A01K 87/00**  
[25] EN  
[54] **BALANCED FISHING ROD HANDLE WITH TIP ROD STORAGE SOCKET**  
[54] **POIGNEE DE CANNE A PECHE EQUILIBREE TERMINEE PAR UN RECEPACLE D'ENTREPOSAGE**  
[72] GARRATT, Gary, CA  
[71] GARRATT, Gary, CA  
[22] 1998-12-14  
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[21] **2,256,076**  
[13] A1

[51] **Int.Cl. 6B01D 53/047**  
[25] EN  
[54] **PRESSURE SWING ADSORPTION AIR PREPURIFIER**  
[54] **PREPURIFICATEUR D'AIR A ABSORPTION MODULEE EN PRESSION**  
[72] LEAVITT, Frederick Wells, US  
[72] SCHAUB, Herbert Raymond, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-12-14  
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[25] EN  
[54] **EXHAUST EMISSION CONTROL DEVICE AND METHOD OF MANUFACTURING THE SAME**  
[54] **APPAREIL DE CONTR LE D'EMISSIONS DE GAZ POLLUANTS ET METHODE DE FABRICATION DE CELUI-CI**  
[72] IHARA, Tomohiko, JP  
[72] SHIMODA, Kouhei, JP  
[72] NAKAGAMA, Syoji, JP  
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP  
[22] 1998-12-14  
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[13] A1

[51] **Int.Cl. 6G05D 16/00 6D21G 9/00 6G01L 13/00 6D21G 1/02**  
[25] EN  
[54] **METHOD AND EQUIPMENT FOR AUTOMATIC MONITORING AND CORRECTING OF THE REGULATION PRESSURE IN THE REGULATION VALVES OF A VARIABLE-CROWN ROLL IN A PAPER MACHINE**  
[54] **METHODE ET EQUIPEMENT DE SURVEILLANCE ET DE CORRECTION AUTOMATIQUES DE LA REGULATION DE PRESSION DANS DES VALVES DE REGULATION DU ROULEAU BOMBE VARIABLE D'UNE MACHINE A PAPIER**  
[72] KIVIOJA, Pekka, FI  
[72] LAHTINEN, Juha, FI  
[71] VALMET CORPORATION, FI  
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[13] A1  
[51] **Int.Cl. 6C08L 101/00 6C08F 257/00 6A61L 9/01 6C08F 265/02 6A61K 7/32 6A61K 7/46**  
[25] EN  
[54] **POLYMER**  
[54] **POLYMERE**  
[72] STAUCH, Werner, CH  
[72] LERCH, Konrad, CH  
[72] EHRET, Charles, CH  
[71] GIVAUDAN-ROURE (INTERNATIONAL) SA, CH  
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[13] A1  
[51] **Int.Cl. 6G01N 33/554 6G01N 33/543 6G01N 33/566 6G01N 33/569**  
[25] EN  
[54] **DETECTION AND DETERMINATION OF SOLID PHASE-ASSOCIATED FACTORS**  
[54] **DETECTION ET DETERMINATION DES FACTEURS ASSOCIES A LA PHASE SOLIDE**  
[72] KRAUS, Michael, DE  
[72] SCHELP, Carsten, DE  
[72] SCHUY, Wilhelm, DE  
[71] DADE BEHRING MARBURG GMBH, DE  
[22] 1998-12-15  
[43] 1999-06-19  
[30] DE (197 56 782.7) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6C12Q 1/56 6G01N 33/86**  
[25] EN  
[54] **NOVEL METHOD AND DIAGNOSTIC AGENT FOR HERMOSTASIS DIAGNOSIS**  
[54] **NOUVELLE METHODE ET AGENT DIAGNOSTIQUE POUR LE DIAGNOSTIC DE L'HEMOSTASE**  
[72] SCHELP, Carsten, DE  
[72] KRAUS, Michael, DE  
[72] WIEGAND, Andreas, DE  
[71] DADE BEHRING MARBURG GMBH, DE  
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[30] DE (197 56 773.8) 1997-12-19

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[13] A1  
[51] **Int.Cl. 6A47L 13/16 6A47L 13/20 6D04H 1/74**  
[25] EN  
[54] **CLEANING PRODUCT AND PRODUCTION PROCESS THEREFOR**  
[54] **PRODUIT DE NETTOYAGE ET PROCESSUS DE PRODUCTION DE CELUI-CI**  
[72] FUJIWARA, Masatoshi, JP  
[72] KENMOCHI, Yasuhiko, JP  
[72] ABE, Kouzou, JP  
[72] TANAKA, Yoshinori, JP  
[71] UNI-CHARM CORPORATION, JP  
[22] 1998-12-15  
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[13] A1  
[51] **Int.Cl. 6H04J 3/16 6H04Q 11/04**  
[25] EN  
[54] **TIMESLOT INTERCHANGE NETWORK**  
[54] **RESEAU D'ECHANGE ENTRE INTERVALLES DE TEMPS**  
[72] JONES, Barry W., US  
[72] ZDENECK, Jerrold Scott, US  
[71] JONES, Barry W., US  
[71] ZDENECK, Jerrold Scott, US  
[22] 1998-12-15  
[43] 1999-06-15  
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[13] A1  
[51] **Int.Cl. 6H01R 25/16 6H01R 27/00**  
[25] EN  
[54] **ADAPTER FOR CONNECTING TWO SIGNAL LINES, TERMINATED WITH MULTIPOLE PLUG CONNECTORS, TO PLUG SOCKET/ PLUG SOCKET, PLUG PIN/PLUG PIN OR PLUG SOCKET/PLUG PIN COMBINATIONS AS WELL AS TO A PLANAR FILTER**  
[54] **ADAPTATEUR POUR BRANCHER DEUX CIRCUITS DE TRANSMISSION (AVEC TERMINAISON DE CONNEXEURS MULTIPOLAIRES) AUX COMBINAISONS PRISE FEMELLE-PRISE FEMELLE, BROCHE-BROCHE ET PRISE FEMELLE-BROCHE, ET POUR BRANCHER A UN FILTRE PLANAIRE**  
[72] DINGENOTTO, Meinolf, DE  
[71] FILTEC FILTERTECHNOLOGIE FUR DIE ELEKTRONIKINDUSTRIE GMBH, DE  
[22] 1998-12-15  
[43] 1999-06-16  
[30] DE (197 55 968.9.8) 1997-12-16

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[13] A1  
[51] **Int.Cl. 6G01R 33/44 6G01R 35/00 6G01N 15/08 6G01N 24/08 6G01V 3/32**  
[25] EN  
[54] **METHOD FOR IMPROVING THE ACCURACY OF NMR RELAXATION DISTRIBUTION ANALYSIS WITH TWO TRAINS**  
[54] **METHODE POUR AMELIORER LA PRECISION DE L'ANALYSE DE LA DISTRIBUTION DU RELACHEMENT DE LA RMN A DEUX REFLECTIONS**  
[72] CHEN, Songhua, US  
[72] GEORGI, Daniel T., US  
[71] WESTERN ATLAS INTERNATIONAL, INC., US  
[22] 1998-12-15  
[43] 1999-06-19  
[30] US (08/994,497) 1997-12-19

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[21] **2,256,102**  
[13] A1

[51] **Int.Cl. 6E21B 47/01 6E21B 23/14**  
[25] EN  
[54] **DOWNHOLE TOOL ACTUATOR**  
[54] **DISPOSITIF DE COMMANDE**  
**D'OUTIL FOND DE TROU**  
[72] REINHARDT, Paul A., US  
[71] WESTERN ATLAS  
INTERNATIONAL, INC., US  
[22] 1998-12-15  
[43] 1999-06-17  
[30] US (08/992,737) 1997-12-17

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[21] **2,256,104**  
[13] A1

[51] **Int.Cl. 6F17D 3/14**  
[25] EN  
[54] **METHODS OF DRYING**  
**PIPELINES**  
[54] **METHODES D'ASSECHEMENT DE**  
**PIPELINE**  
[72] BRADLEY, Gary W., US  
[71] HALLIBURTON ENERGY  
SERVICES, INC., US  
[22] 1998-12-15  
[43] 1999-06-18  
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[21] **2,256,108**  
[13] A1

[51] **Int.Cl. 6D21F 11/02 6D21F 9/02**  
[25] EN  
[54] **MACHINE AND PROCESS FOR**  
**PRODUCING A FIBER MATERIAL**  
**WEB**  
[54] **MACHINE ET PROCEDE DE**  
**FABRICATION DE TISSU EN**  
**MATERIAU FIBREUX**  
[72] TIETZ, Martin, DE  
[72] SCHMIDT-HEBBEL, Harald, CL  
[71] VOITH SULZER PAPIERTECHNIK  
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[21] **2,256,113**  
[13] A1

[51] **Int.Cl. 6G09G 5/00**  
[25] EN  
[54] **COMMUNICATION DEVICE AND**  
**METHOD FOR ELECTRONIC PRICE**  
**LABEL SYSTEMS**  
[54] **APPAREIL ET METHODE DE**  
**COMMUNICATION POUR DES**  
**SYSTEMES ELECTRONIQUES**  
**D'ETIQUETAGE**  
[72] ADAMEC, Andrew J., US  
[71] NCR CORPORATION, US  
[22] 1998-12-16  
[43] 1999-06-17  
[30] US (08/992,667) 1997-12-17

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[21] **2,256,115**  
[13] A1

[51] **Int.Cl. 6G07B 17/02 6G06F 15/16**  
[25] EN  
[54] **POSTAGE METERING SYSTEM**  
**AND METHOD ON A NETWORK**  
[54] **SYSTEME ET METHODE**  
**D'AFFRANCHISSEMENT EN RESEAU**  
[72] RYAN, Frederick W., Jr., US  
[72] RILEY, David W., US  
[72] PIERCE, Perry A., US  
[72] LEE, David K., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-16  
[43] 1999-06-18  
[30] US (08/993,352) 1997-12-18

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[21] **2,256,118**  
[13] A1

[51] **Int.Cl. 6A23K 1/20**  
[25] EN  
[54] **ANIMAL FEED PELLETING**  
**PROCESS AND ANIMAL FEED**  
**PELLETS PRODUCED THEREFROM**  
[54] **PROCESSUS DE GRANULATION**  
**D'ALIMENTS POUR ANIMAUX ET**  
**ALIMENTS GRANULES PRODUITS**  
[72] CRENSHAW, Joe David, US  
[72] GAO, Qingshan, US  
[72] MOECHNIG, Bruce Willard, US  
[71] ARCHER-DANIELS-MIDLAND  
COMPANY, US  
[71] MOORMAN MANUFACTURING  
COMPANY, US  
[22] 1998-12-16  
[43] 1999-06-16  
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[21] **2,256,133**  
[13] A1

[51] **Int.Cl. 6A23L 2/38 6A23L 1/302**  
**6A23L 1/305**  
[25] EN  
[54] **DRINKING FLUID**  
[54] **LIQUIDE POTABLE**  
[72] DIETRICHSTEINER, Manfred, AT  
[71] META HANDELSGESELLSCHAFT  
M.B.H., AU  
[22] 1998-12-15  
[43] 1999-06-17  
[30] AT (A 2130/97) 1997-12-17

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[21] **2,256,134**  
[13] A1

[51] **Int.Cl. 6C01B 17/38**  
[25] EN  
[54] **PROCESS FOR THE**  
**PREPARATION OF ANHYDROUS**  
**SODIUM SULFIDE**  
[54] **PROCESSUS DE PREPARATION**  
**DE SULFURE DE SODIUM ANHYDRE**  
[72] MUNZENBERG, Jörg, DE  
[72] DESCHLER, Ulrich, DE  
[72] ALT, Hans Christian, DE  
[72] GOEDECKE, Ralf, DE  
[72] MAGIERA, Robert, DE  
[72] BATZ-SOHN, Christoph, DE  
[72] RASIG, Gerhard, DE  
[72] KNAPP, Volker, DE  
[72] RUTZEL, Karl-Heinz, DE  
[71] DEGUSSA AKTIENGESELLSCHAFT,  
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[43] 1999-06-16  
[30] DE (197 55 760.0) 1997-12-16

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[21] **2,256,135**  
[13] A1

[51] **Int.Cl. 6C22B 1/16 6C22B 1/216**  
[25] EN  
[54] **METHOD OF PRODUCING**  
**REDUCED IRON PELLETS**  
[54] **TECHNIQUE DE FABRICATION**  
**DE BOULETTES DE MINERAI DE FER**  
[72] TAKENAKA, Yoshimichi, JP  
[72] MIYAGAWA, Kazuya, JP  
[72] SHIROUCHI, Shoji, JP  
[72] KAMIJO, Tsunao, JP  
[72] SHIMIZU, Masakata, JP  
[72] IWAKIRI, Haruhisa, JP  
[71] KABUSHIKI KAISHA KOBE SEIKO  
SHO ALSO KNOWN AS KOBE STEEL,  
LTD., JP  
[22] 1998-12-15  
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[21] **2,256,136**  
[13] A1  
[51] **Int.Cl. 6H04N 5/85 6G11B 23/00 6G11B 7/013**  
[25] EN  
[54] **OPTICAL DISC, RECORDING APPARATUS, A COMPUTER-READABLE STORAGE MEDIUM STORING A RECORDING PROGRAM, AND RECORDING METHOD**  
[54] **DISQUE OPTIQUE, ENREGISTREUR, SUPPORT DE DONNEES COMPATIBLE AVEC UN ORDINATEUR QUI STOCKE UN PROGRAMME D'ENREGISTREMENT ET METHODE D'ENREGISTREMENT**  
[72] MIWA, Katsuhiko, JP  
[72] YAGI, Tomotaka, JP  
[72] TSUGA, Kazuhiro, JP  
[72] OKADA, Tomoyuki, JP  
[71] MATSUSHITA ELECTRICAL INDUSTRIAL CO., LTD., JP  
[22] 1998-12-15  
[43] 1999-06-15  
[30] JP (9-344872) 1997-12-15  
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[21] **2,256,138**  
[13] A1  
[51] **Int.Cl. 6A01G 23/14 6A01G 23/10**  
[25] EN  
[54] **DEVICE FOR COLLECTING SAP**  
[54] **APPAREIL DE RECUEIL DE LA SEVE**  
[72] PAQUETTE, Pierre, CA  
[71] PAQUETTE, Pierre, CA  
[22] 1998-12-15  
[43] 1999-06-16  
[30] CA (2,224,908) 1997-12-16

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[21] **2,256,140**  
[13] A1  
[51] **Int.Cl. 6B24B 53/065**  
[25] EN  
[54] **A DEVICE FOR DRESSING GRINDING WHEELS**  
[54] **APPAREIL DE DRESSAGE DE MEULES**  
[72] SAKCRISKA, Glenn, US  
[71] SAKCRISKA, Glenn, US  
[22] 1998-12-16  
[43] 1999-06-16  
[30] US (991,473) 1997-12-16

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[21] **2,256,141**  
[13] A1  
[51] **Int.Cl. 6F16B 2/24 6F16B 5/06 6H05K 7/20 6H01L 23/40**  
[25] EN  
[54] **COMPONENT MOUNTING ARRANGEMENT, CLIP AND ASSEMBLY**  
[54] **SYSTEME D'INSTALLATION, PINCE ET ASSEMBLAGE D'UN ELEMENT**  
[72] PERSSON, Michael, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[22] 1998-12-16  
[43] 1999-06-17  
[30] SE (9704719-5) 1997-12-17

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[21] **2,256,142**  
[13] A1  
[51] **Int.Cl. 6A61F 2/04 6A61F 2/06**  
[25] EN  
[54] **USE OF A MULTI-COMPONENT COIL MEDICAL CONSTRUCT**  
[54] **UTILISATION D'UNE CONSTRUCTION MEDICALE EN SPIRALE A PLUSIEURS ELEMENTS**  
[72] YUAN, Jie Jenny, US  
[72] DAITA, Arindam, US  
[72] HUXEL, Shawn T., US  
[72] VYAKAMAM, Murty N., US  
[72] COOPER, Kevin L., US  
[71] INDIGO MEDICAL, INC., US  
[22] 1998-12-16  
[43] 1999-06-19  
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[21] **2,256,144**  
[13] A1  
[51] **Int.Cl. 6E04B 9/16**  
[25] EN  
[54] **TRANSITION CLIP FOR DRYWALL SUSPENSION GRID**  
[54] **AGRAFE DE TRANSITION POUR GRILLE DE SUSPENSION A CLOISON SECHE**  
[72] WENDT, Alan C., US  
[71] USG INTERIORS, INC., US  
[22] 1998-12-15  
[43] 1999-06-16  
[30] US (08/991935) 1997-12-16

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[21] **2,256,146**  
[13] A1  
[51] **Int.Cl. 6B65B 41/14 6B65B 9/06 6B65B 9/10**  
[25] EN  
[54] **METHOD AND APPARATUS FOR THE PACKAGING OF ARTICLES WITHIN FLEXIBLE MATERIAL BAGS**  
[54] **METHODE ET APPAREIL D'EMBALLAGE D'ARTICLES DANS DES SACS DE MATERIEL SOUPLE**  
[72] RAVIZZA, Roberto, IT  
[71] RAVIZZA PACKAGING SRL, IT  
[22] 1998-12-15  
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[30] IT (TO97A001105) 1997-12-17

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[13] A1  
[51] **Int.Cl. 6B61D 17/08**  
[25] EN  
[54] **INCREASED CAPACITY RAILWAY CAR**  
[54] **VOITURE DE CHEMIN DE FER A CAPACITE ACCRUE**  
[72] FETTERMAN, Donald B., US  
[72] SMITH, Stephen W., US  
[71] TRINITY INDUSTRIES, INC., US  
[22] 1998-12-16  
[43] 1999-06-18  
[30] US (60/068,131) 1997-12-18

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[21] **2,256,151**  
[13] A1  
[51] **Int.Cl. 6B65H 39/06 6B65H 5/24**  
[25] EN  
[54] **A METHOD FOR COLLECTING AND TRANSPORTING GROUPS OF PARTLY SUPERIMPOSED POSTAL OBJECTS**  
[54] **METHODE DE RECUEIL ET DE TRANSPORT D'ENSEMBLES D'OBJETS POSTAUX PARTIELLEMENT SUPERPOSES**  
[72] SOLARI, Stefano, IT  
[72] DE LEO, Guido, IT  
[71] SOLARI, Stefano, IT  
[71] DE LEO, Guido, IT  
[22] 1998-12-16  
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[21] **2,256,152**  
[13] A1

[51] **Int.Cl. 6F04C 18/02**  
[25] EN  
[54] **CAPACITY-CONTROLLED SCROLL-TYPE COMPRESSOR HAVING INTERNALLY-BYPASSING SYSTEM**  
[54] **COMPRESSEUR A SYSTEME DE VARIATION DE PUISSANCE ET A VIS SANS FIN DOTE D'UN SYSTEME DE DERIVATION INTERNE**  
[72] YUZAKI, Tsuneo, JP  
[72] KAWADA, Minoru, JP  
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP  
[22] 1998-12-16  
[43] 1999-06-18  
[30] JP (9-363832) 1997-12-18  
[30] JP (9-363833) 1997-12-18  
[30] JP (9-363834) 1997-12-18

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[21] **2,256,154**  
[13] A1

[51] **Int.Cl. 6F16D 65/095**  
[25] EN  
[54] **BRAKE BACKING PLATE**  
[54] **PLATEAU DE FREIN**  
[72] GREENBERG, Michael, CA  
[71] CAPITAL TOOL & DESIGN LIMITED, CA  
[22] 1998-12-16  
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[30] US (08/991,597) 1997-12-16

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[13] A1

[51] **Int.Cl. 6F16D 25/0638 6F16H 48/22 6F16D 43/284**  
[25] EN  
[54] **HYDRAULIC COUPLING FOR VEHICULAR POWER TRANSFER SYSTEMS**  
[54] **COUPLEUR HYDRAULIQUE POUR SYSTEMES DE TRANSFERT D'ENERGIE DE VEHICULES**  
[72] MOHAN, Sankar K., US  
[72] BURNS, Timothy M., US  
[71] NEW VENTURE GEAR, INC., US  
[22] 1998-12-16  
[43] 1999-06-17  
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[30] US (60/069,811) 1997-12-17  
[30] US (09/189,884) 1998-11-11

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[13] A1

[51] **Int.Cl. 6B23D 23/00 6E06B 9/266**  
[25] EN  
[54] **CUTTING APPARATUS FOR WINDOW COVERINGS AND METHODS THEREFOR**  
[54] **APPAREIL ET TECHNIQUE DE COUPE POUR COUVRE-FENETRES**  
[72] SEIDERS, Richard L., US  
[72] KUTCHMAREK, Darrell J., US  
[71] SPRINGS WINDOW FASHIONS DIVISION, INC., US  
[22] 1998-12-15  
[43] 1999-06-18  
[30] US (60/068,039) 1997-12-18  
[30] US (09/054,845) 1998-04-03

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[13] A1

[51] **Int.Cl. 6C08L 83/06 6D21H 17/59 6D06M 15/65**  
[25] EN  
[54] **ORGANOPOLYSILOXANE EMULSIONS**  
[54] **EMULSIONS ORGANOPOLYSILOXANES**  
[72] GEE, Ronald Paul, US  
[71] DOW CORNING CORPORATION, US  
[22] 1998-12-15  
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[30] US (08/993,552) 1997-12-18

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[13] A1

[51] **Int.Cl. 6E06B 3/46 6E06B 5/10**  
[25] EN  
[54] **CHECKING DEVICE FOR ROLLER SUPPORTED DOORS**  
[54] **DISPOSITIF DE CONTROLE POUR PORTES A GALET DE ROULEMENT**  
[72] SCHNARR, Raymond H., US  
[71] SCHLAGE LOCK COMPANY, US  
[22] 1998-12-16  
[43] 1999-06-19  
[30] US (08/995,238) 1997-12-19

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[21] **2,256,167**  
[13] A1

[51] **Int.Cl. 6G07B 17/02 6G06F 15/80**  
[25] EN  
[54] **POSTAGE METERING NETWORK SYSTEM WITH VIRTUAL METER MODE**  
[54] **SYSTEME D'AFFRANCHISSEMENT EN RESEAU A MODE D'AFFRANCHISSEMENT VIRTUEL**  
[72] MALANDRA, Charles R., Jr., US  
[72] PIERCE, Perry A., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-16  
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[21] **2,256,169**  
[13] A1

[51] **Int.Cl. 6H04L 7/027 6H04L 27/22**  
[25] EN  
[54] **CIRCUIT FOR REPRODUCING BIT TIMING AND METHOD OF REPRODUCING BIT TIMING**  
[54] **CIRCUIT ET METHODE DE REPRODUCTION DU RYTHME BINAIRE**  
[72] YAMAMOTO, Takeshi, JP  
[71] NEC CORPORATION, JP  
[22] 1998-12-15  
[43] 1999-06-15  
[30] JP (9-363522) 1997-12-15

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[13] A1

[51] **Int.Cl. 6B01D 53/047**  
[25] EN  
[54] **PROCESS FOR GAS SEPARATION BY ADSORPTION WITH VARIABLE PRODUCTION RATE**  
[54] **PROCEDE DE SEPARATION E GAZ PAR ADSORPTION A TAUX DE PRODUCTION VARIABLE**  
[72] DERIVE, Nathalie, FR  
[72] MONEREAU, Christian, FR  
[72] MONTFORT, Christophe, FR  
[72] CALVIAC, Jean-Claude, FR  
[72] ROUGE, Dominique, FR  
[71] L' AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD, FR  
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[43] 1999-06-18  
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[13] A1  
[51] **Int.Cl. 6H01Q 1/38**  
[25] EN  
[54] **MICRO-STRIP ANTENNA**  
[54] **ANTENNE MICRO-BANDES**  
[72] HIRABE, Masashi, JP  
[71] NEC CORPORATION, JP  
[22] 1998-12-15  
[43] 1999-06-15  
[30] JP (9-363523) 1997-12-15

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[21] **2,256,173**  
[13] A1  
[51] **Int.Cl. 6G07B 17/02 6G06F 3/12**  
**6G06F 17/30**  
[25] EN  
[54] **CLOSED SYSTEM VIRTUAL**  
**POSTAGE METER**  
[54] **AFFRANCHISSEUSE VIRTUELLE**  
**A SYSTEME FERME**  
[72] RYAN, Frederick W., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-16  
[43] 1999-06-18  
[30] US (08/993,358) 1997-12-18

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[21] **2,256,178**  
[13] A1  
[51] **Int.Cl. 6G07B 17/02 6G06K 15/02**  
**6G06F 3/12 6G06F 17/60**  
[25] EN  
[54] **POSTAGE METERING SYSTEM**  
**AND METHOD FOR A STAND-ALONE**  
**METER OPERATING AS A METER**  
**SERVER ON A NETWORK**  
[54] **SYSTEME ET TECHNIQUE**  
**D'AFFRANCHISSEMENT POUR**  
**AFFRANCHISSEUSE AUTONOME DE**  
**SERVEUR EN RESEAU**  
[72] GRAVELL, Linda V., US  
[72] RYAN, Frederick W., US  
[72] RILEY, David W., US  
[72] LEE, David K., US  
[72] PIERCE, Perry A., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-16  
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[30] US (08/993,354) 1997-12-18

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[21] **2,256,179**  
[13] A1  
[51] **Int.Cl. 6H04L 9/30 6G11B 23/00**  
[25] EN  
[54] **ENCRYPTION AND DECRYPTION**  
**DEVICES FOR PUBLIC-KEY**  
**CRYPTOSYSTEMS AND RECORDING**  
**MEDIUM WITH THEIR PROCESSING**  
**PROGRAMS RECORDED THEREON**  
[54] **APPAREILS DE CRYPTAGE ET DE**  
**DECRYPTAGE POUR SYSTEMES**  
**CRYPTOGRAPHIQUES A CLE**  
**PUBLIQUE ET SUPPORT**  
**D'ENREGISTREMENT AVEC**  
**PROGRAMMES DE TRAITEMENT**  
**ENREGISTRES**  
[72] OKAMOTO, Tatsuaki, JP  
[72] UCHIYAMA, Shigenori, JP  
[71] NIPPON TELEGRAPH AND  
TELEPHONE CORPORATION, JP  
[22] 1998-12-16  
[43] 1999-06-17  
[30] JP (347613/97) 1997-12-17  
[30] JP (031561/98) 1998-02-13

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[21] **2,256,181**  
[13] A1  
[51] **Int.Cl. 6G01N 3/20**  
[25] EN  
[54] **PANEL PERFORMANCE TEST**  
**SYSTEM**  
[54] **SYSTEME DE MISE A L'ESSAI DU**  
**RENDEMENT DE PANNEAUX**  
[72] STAROSTOVIC, Edward J., Jr., US  
[71] TIMBERCO, INC., US  
[22] 1998-12-16  
[43] 1999-06-16  
[30] US (08/991,119) 1997-12-16

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[13] A1  
[51] **Int.Cl. 6B01J 23/50 6C07D 303/04**  
**6C07D 301/10**  
[25] EN  
[54] **SILVER CATALYST FOR**  
**PRODUCTION OF ETHYLENE OXIDE,**  
**METHOD FOR PRODUCTION**  
**THEREOF, AND METHOD FOR**  
**PRODUCTION OF ETHYLENE OXIDE**  
[54] **CATALYSEUR L'ARGENT POUR**  
**LA PRODUCTION D'OXYDE**  
**D'ETHYLENE, ET METHODE DE**  
**PRODUCTION DU CATALYSEUR ET**  
**D'OXYDE D'ETHYLENE**  
[72] MASAHARU, Kiriki, JP  
[72] HITOSHI, Takada, JP  
[71] NIPPON SHOKUBAI CO., LTD., JP  
[22] 1998-12-16  
[43] 1999-06-16  
[30] JP (9-345978) 1997-12-16  
[30] JP (9-345979) 1997-12-16

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[13] A1  
[51] **Int.Cl. 6H04L 29/10 6H04L 12/00**  
**6H04L 29/60**  
[25] EN  
[54] **COMMUNICATION SYSTEM**  
**ARCHITECTURE AND OPERATING**  
**PROTOCOL THEREFOR**  
[54] **ARCHITECTURE D'UN SYSTEME**  
**DE COMMUNICATION ET**  
**PROTOCOLE DE FONCTIONNEMENT**  
**CONNEXE**  
[72] WRIGHT, Sarah Lucy, GB  
[72] CABLE, Julian Frank Barry, GB  
[72] FAGG, Stephen Leonard, GB  
[72] EVANS, Stephen, GB  
[71] NORTHERN TELECOM LIMITED,  
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[22] 1998-12-15  
[43] 1999-06-16  
[30] US (08/991,272) 1997-12-16

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[21] **2,256,188**  
[13] A1

[51] **Int.Cl. 6G02F 2/02 6H04J 14/02**  
[25] EN  
[54] **OPTO-ELECTRONIC FREQUENCY DIVIDER CIRCUIT AND METHOD OF OPERATING SAME**  
[54] **CIRCUIT OPTOELECTRONIQUE DE DIVISION DE FREQUENCE ET METHODE DE FONCTIONNEMENT DU CIRCUIT**  
[72] DE MARCHI, Andrea, IT  
[72] CISTERMINO, Francesco, IT  
[72] GIRARDI, Raffaele, IT  
[72] ROEMISCH, Stefania, IT  
[71] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT  
[22] 1998-12-15  
[43] 1999-06-16  
[30] IT (TO97A 001097) 1997-12-16

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[13] A1

[51] **Int.Cl. 6G21G 4/08 6A61M 36/00 6G21G 1/10**  
[25] EN  
[54] **METHOD AND SYSTEM FOR MAKING RADIOACTIVE SOURCES FOR INTERSTITIAL BRACHYTHERAPY AND SOURCES MADE THEREBY**  
[54] **METHODE ET SYSTEME SERVANT A CREER DES SOURCES RADIOACTIVES POUR LA CURIETHERAPIE INTERSTITIELLE**  
[72] ROBERTSON, Robert, CA  
[71] ROBERTSON, Robert, CA  
[22] 1998-12-15  
[43] 1999-06-19  
[30] US (60/068,288) 1997-12-19

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[21] **2,256,190**  
[13] A1

[51] **Int.Cl. 6H04N 5/85 6G11B 23/00 6G11B 7/013 6G11B 27/034**  
[25] EN  
[54] **OPTICAL DISC, OPTICAL DISC RECORDING APPARATUS, AND OPTICAL DISC RECORDING METHOD FOR FACILITATING DUBBING, STORAGE MEDIUM FOR STORING OPTICAL DISC RECORDING PROGRAM FOR FACILITATING DUBBING, OPTICAL DISC REPRODUCING APPARATUS, AND OPTICAL DISC REPRODUCING METHOD**  
[54] **DISQUE OPTIQUE, ENREGISTREUR DE DISQUE OPTIQUE ET METHODE D'ENREGISTREMENT DE DISQUE OPTIQUE FACILITANT LE DOUBLAGE, SUPPORT DE DONNEES POUR LE STOCKAGE DU PROGRAMME D'ENREGISTREMENT DE DISQUE OPTIQUE FACILITANT LE DOUBLAGE, DISPOSITIF ET METHODE DE REPRODUCTION DE DISQUE OPTIQUE**  
[72] MIWA, Katsuhiko, JP  
[72] OKADA, Tomoyuki, JP  
[72] TSUGA, Kazuhiro, JP  
[72] YAGI, Tomotaka, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[22] 1998-12-15  
[43] 1999-06-15  
[30] JP (9-344874) 1997-12-15  
[30] JP (10-298214) 1998-10-20

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[21] **2,256,197**  
[13] A1

[51] **Int.Cl. 6H04N 7/26**  
[25] EN  
[54] **METHOD AND APPARATUS FOR INTRODUCING REFERENCE IMPAIRMENTS INTO VIDEO SIGNALS**  
[54] **METHODE ET APPAREIL POUR INSERER DES REDUCTIONS DE REFERENCE DANS LES SIGNAUX VIDEO**  
[72] QUACCHIA, Marco, IT  
[71] CSELT - CENTRO STUDI E LABORATORI TELECOMUNICAZIONI S.P.A., IT  
[22] 1998-12-15  
[43] 1999-06-16  
[30] IT (TO97A 001093) 1997-12-16

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[21] **2,256,200**  
[13] A1

[51] **Int.Cl. 6H01Q 1/12**  
[25] EN  
[54] **SATELLITE DISH STABILIZER**  
[54] **STABILISATEUR D'ANTENNE PARABOLIQUE**  
[72] LAWLOR, Michael, CA  
[72] BOULOS, John, CA  
[71] LAWLOR, Michael, CA  
[71] BOULOS, John, CA  
[22] 1998-12-16  
[43] 1999-06-16  
[30] CA (2,224,919) 1997-12-16  
[30] US (60/069,852) 1997-12-17

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[21] **2,256,205**  
[13] A1

[51] **Int.Cl. 6H01H 71/02 6H01H 71/08**  
[25] EN  
[54] **CIRCUIT INTERRUPTER WITH COVERED ACCESSORY CASE WITH FEATURE AND PULL TAB**  
[54] **INTERRUPTEUR DE CIRCUIT DOTE D'UN CARTER D'ORGANE DE COMMANDE MUNI D'UN DISPOSITIF RESTRICTIF ET D'UNE TIRETTE**  
[72] BROWN, Michael A., US  
[72] CHONTAS, Trent A., US  
[72] BECK, H. Richard, US  
[72] GULA, Lance, US  
[72] PANIAN, Karen L., US  
[72] ROBERTS, Edward M., US  
[72] POMAYBO, Robert M., US  
[72] MUNSCH, William D., US  
[71] EATON CORPORATION, US  
[22] 1998-12-16  
[43] 1999-06-19  
[30] US (08/994,633) 1997-12-19

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[21] **2,256,206**  
[13] A1

[51] **Int.Cl. 6C09J 201/00 6C08L 101/00 6C09J 11/06 6C09J 133/06 6C08L 33/06 6C08K 5/54**  
[25] EN  
[54] **LATEX SEALANTS CONTAINING EPOXYSILANES**  
[54] **MASTIC AU LATEX CONTENANT DES EPOXYSILANES**  
[72] HUANG, Mitsy, US  
[71] OSi SPECIALTIES, INC., US  
[22] 1998-12-15  
[43] 1999-06-15  
[30] US (08/990,565) 1997-12-15

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[21] **2,256,207**  
[13] A1  
[51] **Int.Cl. 6B22D 11/04 6C25D 3/04 6C22F 1/08**  
[25] EN  
[54] **METHOD FOR MANUFACTURING A CASTING-DIE BODY AND A CASTING-DIE BODY**  
[54] **METHODE DE FABRICATION DU CORPS D'UNE MATRICE DE COULEE SOUS PRESSION ET CORPS DE MATRICE DE COULEE SOUS PRESSION**  
[72] HEMSCHEMEIER, Hans-Jürgen, DE  
[72] RETHMANN, Ralf, DE  
[72] RODE, Dirk, DE  
[71] KM EUROPA METAL AG, DE  
[22] 1998-12-15  
[43] 1999-06-17  
[30] DE (197 56 164.0) 1997-12-17

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[21] **2,256,208**  
[13] A1  
[51] **Int.Cl. 6H01H 9/50 6H01H 75/00**  
[25] EN  
[54] **ARC FAULT DETECTOR WITH CIRCUIT INTERRUPTER**  
[54] **DETECTEUR DE PANNE D'ARC AVEC INTERRUPTEUR DE CIRCUIT**  
[72] NEIGER, Benjamin B., US  
[72] ROSE, William J., US  
[72] CAMPOLO, Steve, US  
[72] PEARSE, James N., US  
[72] BRADLEY, Roger M., US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 1998-12-16  
[43] 1999-06-19  
[30] US (08/995,130) 1997-12-19

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[21] **2,256,209**  
[13] A1  
[51] **Int.Cl. 6B01D 5/00 6F26B 21/04**  
[25] EN  
[54] **PROCESS AND DEVICE FOR RECOVERY OF THERMAL ENERGY FROM CONTAMINATED VAPOR WHILE SIMULTANEOUSLY SEPARATING VOLATILE ORGANIC SUBSTANCES**  
[54] **PROCESSUS ET APPAREIL DE RECUPERATION D'ENERGIE THERMIQUE DE VAPEURS CONTAMINEES TOUT EN SEPARANT SIMULTANEMENT LES SUBSTANCES ORGANIQUES VOLATILES**  
[72] HILMART, Sune, SE  
[72] MUNTER, Claes, SE  
[71] STORK ENGINEERING AB, SE  
[22] 1998-12-15  
[43] 1999-06-17  
[30] SE (9704700-5) 1997-12-17

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[21] **2,256,210**  
[13] A1  
[51] **Int.Cl. 6H02H 3/16**  
[25] EN  
[54] **ARC FAULT DETECTOR WITH CIRCUIT INTERRUPTER**  
[54] **DETECTEUR DE PANNE D'ARC AVEC INTERRUPTEUR DE CIRCUIT**  
[72] ZARETSKY, Albert, US  
[72] NEIGER, Benjamin B., US  
[72] BRADLEY, Roger M., US  
[72] PEARSE, James N., US  
[72] ROSE, William J., US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 1998-12-16  
[43] 1999-06-19  
[30] US (08/994,772) 1997-12-19

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[21] **2,256,215**  
[13] A1  
[51] **Int.Cl. 6C07C 7/148 6C10G 17/095 6C07C 7/12 6C07C 9/12**  
[25] EN  
[54] **REMOVAL OF ALKYL HALIDES FROM HYDROCARBON STREAM**  
[54] **RETRAIT DES HALOGENURES D'ALKYLE D'UN CIRCUIT D'HYDROCARBURES**  
[72] HOMMELTOFT, Sven Ivar, DK  
[72] LAURENTS, Karsten, DK  
[72] BAUER, Annemarie, DK  
[71] HALDOR TOPSOE A/S, DK  
[22] 1998-12-16  
[43] 1999-06-19  
[30] DK (1494/97) 1997-12-19

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[21] **2,256,217**  
[13] A1  
[51] **Int.Cl. 6G09F 11/00 6G09G 5/00**  
[25] EN  
[54] **ADVERTISEMENT SYSTEM FOR AN AIRPORT FACILITY**  
[54] **SYSTEME D'ANNONCES POUR AEROPORT**  
[72] STEIN, Siegfried, DE  
[72] KRATZENBERG, Wolfgang, DE  
[71] EXPRESSO DEUTSCHLAND TRANSPORTGERÄTE GMBH, DE  
[22] 1998-12-16  
[43] 1999-06-18  
[30] DE (297 22 340.2) 1997-12-18

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[21] **2,256,218**  
[13] A1  
[51] **Int.Cl. 6A62D 3/00 6C12S 1/00**  
[25] EN  
[54] **COMPOSITION, METHOD AND APPARATUS FOR SAFE DISPOSAL OF OIL CONTAMINATED FILTER MEDIA**  
[54] **COMPOSITION, METHODE ET APPAREIL POUR L'EVACUATION SURE DE MATIERES FILTRANTES CONTAMINEES PAR DES HYDROCARBURES**  
[72] CORNWELL, James H., US  
[72] LASKY, William M., US  
[71] DANA CORPORATION, US  
[22] 1998-12-16  
[43] 1999-06-17  
[30] US (08/992,510) 1997-12-17  
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[30] US (08/992,693) 1997-12-17

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[21] **2,256,221**  
[13] A1  
[51] **Int.Cl. 6H04M 3/42**  
[25] EN  
[54] **METHOD FOR ADDING CONTEXT TO COMMUNICATIONS**  
[54] **METHODE D'AJOUT DE CONTEXTE AUX COMMUNICATIONS**  
[72] ST.-GEORGE, Marilyn F., CA  
[72] BRISEBOIS, Michel A., CA  
[72] MAHAN, Laura, CA  
[71] NORTHERN TELECOM LIMITED, CA  
[22] 1998-12-16  
[43] 1999-06-17  
[30] US (08/992,003) 1997-12-17

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[21] **2,256,222**  
[13] A1

[51] **Int.Cl. 6G11C 15/00 6G11C 7/00**  
[25] EN  
[54] **CONTENT ADDRESSABLE MEMORY FIFO WITH AND WITHOUT PURGING**  
[54] **MEMOIRE AUTO-ASSOCIATIVE FIFO AVEC ET SANS AUTO-EPURATION**  
[72] CHIACCHIRA, Thomas A., US  
[72] PEDICONE, John T., US  
[72] ALVAREZ, Andres, US  
[71] REAL 3-D, US  
[22] 1998-12-16  
[43] 1999-06-18  
[30] US (08/993,513) 1997-12-18

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[21] **2,256,226**  
[13] A1

[51] **Int.Cl. 6B32B 27/08 6B29C 47/06 6B32B 27/34**  
[25] EN  
[54] **MULTILAYER POLYMER STRUCTURE**  
[54] **STRUCTURE POLYMERE MULTICOUCHES**  
[72] WATERS, Dixie Green, US  
[72] DANFORTH, Richard Louis, US  
[72] ASH, Carlton Edwin, US  
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL  
[22] 1998-12-16  
[43] 1999-06-18  
[30] US (60/068,088) 1997-12-18

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[21] **2,256,227**  
[13] A1

[51] **Int.Cl. 6A61K 31/495**  
[25] EN  
[54] **METHOD OF TREATING PSYCHIATRIC CONDITIONS**  
[54] **METHODE DE TRAITEMENT DE TROUBLES PSYCHIATRIQUES**  
[72] WATSKY, Eric Jacob, US  
[71] PFIZER PRODUCTS INC., US  
[22] 1998-12-16  
[43] 1999-06-18  
[30] US (60/068,069) 1997-12-18

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[21] **2,256,233**  
[13] A1

[51] **Int.Cl. 6F16H 13/00**  
[25] EN  
[54] **TORQUE CONVERSION**  
[54] **CONVERSION DE COUPLE**  
[72] TANG, DucQuang, CA  
[71] TANG, DucQuang, CA  
[22] 1998-12-15  
[43] 1999-06-16  
[30] GB (97264555.0) 1997-12-16

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[21] **2,256,239**  
[13] A1

[51] **Int.Cl. 6H04Q 7/18 6G11B 23/00 6G06F 19/00 6G09G 5/22 6G06F 17/30**  
[25] EN  
[54] **PORTABLE INFORMATION TERMINAL APPARATUS, NUMERIC DISPLAYING METHOD, STORAGE MEDIUM, AND INFORMATION PROCESSING APPARATUS**  
[54] **TERMINAL D'INFORMATION PORTABLE, METHODE D'AFFICHAGE NUMERIQUE, SUPPORT DE STOCKAGE ET APPAREIL DE TRAITEMENT DE L'INFORMATION**  
[72] AIZAWA, Masatoshi, JP  
[71] SONY CORPORATION, JP  
[22] 1998-12-16  
[43] 1999-06-18  
[30] JP (P09-349100) 1997-12-18

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[21] **2,256,240**  
[13] A1

[51] **Int.Cl. 6H01J 17/49**  
[25] EN  
[54] **BACK PANEL FOR A PLASMA DISPLAY DEVICE**  
[54] **PANNEAU ARRIERE POUR ECRAN A PLASMA**  
[72] QUINN, Robert L., US  
[72] SREERAM, Attinganl Narayanaswamy, US  
[71] PRABHU, Ashok Narayan, US  
[72] PALIT, Kalipada, US  
[72] HOZER, Leszek, US  
[71] SARNOFF CORPORATION, US  
[71] LG ELECTRONICS, KR  
[22] 1998-12-16  
[43] 1999-06-19  
[30] US (60/068,222) 1997-12-19  
[30] US (09/088,501) 1998-06-01

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[21] **2,256,243**  
[13] A1

[51] **Int.Cl. 6H02H 3/16 6H01H 83/02**  
[25] EN  
[54] **ARC FAULT DETECTOR WITH CIRCUIT INTERRUPTER AND EARLY ARC FAULT DETECTION**  
[54] **DETECTEUR DE PANNE D'ARC AVEC INTERRUPTEUR DE CIRCUIT ET DETECTION DE PANNE D'ARC PRECOCE**  
[72] NEIGER, Benjamin B., US  
[72] ROSE, William J., US  
[72] PEARSE, James N., US  
[72] BRADLEY, Roger M., US  
[71] LEVITON MANUFACTURING CO., INC., US  
[22] 1998-12-16  
[43] 1999-06-19  
[30] US (08/993,745) 1997-12-19

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[21] **2,256,244**  
[13] A1

[51] **Int.Cl. 6B01D 9/04**  
[25] EN  
[54] **METHOD AND APPARATUS FOR FREEZECONCENTRATING SUBSTANCES**  
[54] **METHODE ET APPAREIL DE CRYOCONCENTRATION DE SUBSTANCES**  
[72] ROODENRIJS, Jacobus Petrus, NL  
[71] NIRO PROCESS TECHNOLOGY B.V., NL  
[22] 1998-12-16  
[43] 1999-06-18  
[30] NL (1007846) 1997-12-18

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[21] **2,256,250**  
[13] A1

[51] **Int.Cl. 6A61K 39/39 6A23K 1/16 6A61K 38/18 6A61K 38/19**  
[25] EN  
[54] **METHOD FOR ENHANCING AN IMMUNE RESPONSE USING MITOGENIC AND CHEMOKINETIC FACTORS**  
[54] **METHODE POUR AMELIORER LA REACTION IMMUNITAIRE EN UTILISANT DES FACTEURS MITOGENIQUES ET CHEMOCINETIQUES**  
[72] LILLARD, James, US  
[71] UAB FOUNDATION, US  
[22] 1998-12-17  
[43] 1999-06-17  
[30] US (60/069,843) 1997-12-17

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[21] 2,256,251  
[13] A1

[51] Int.Cl. 6C07C 255/28 6C07C 253/30  
[25] EN  
[54] A METHOD OF PRODUCING  
AMINOCYANOACETAMIDE  
[54] TECHNIQUE DE PRODUCTION  
D'AMINOCYANOACETAMIDE  
[72] KURZ, Martin, CH  
[72] SCHWANINGER, Peter, CH  
[72] BOLLINGER, Heinrich, CH  
[72] MULLER, Hans Rudolf, CH  
[71] EPROVA AG, CH  
[22] 1998-12-17  
[43] 1999-06-18  
[30] CH (2907/97) 1997-12-18

[21] 2,256,260  
[13] A1

[51] Int.Cl. 6B01D 53/047  
[25] EN  
[54] METHOD FOR OPERATION OF AN  
AIR PREPURIFIER WHICH TAKES  
INTO ACCOUNT INLET AIR  
CONDITIONS  
[54] METHODE DE  
FONCTIONNEMENT D'UN PRE-  
PURIFICATEUR D'AIR QUI TIENT  
COMPTE DES CONDITIONS DE L'AIR  
A L'ENTREE  
[72] MIZE, James Brian, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-12-17  
[43] 1999-06-19  
[30] US (08/994,480) 1997-12-19

[21] 2,256,262  
[13] A1

[51] Int.Cl. 6D06N 5/00 6E04D 11/02  
[25] EN  
[54] THE MANUFACTURE OF BUILT-  
UP ROOFING PRODUCTS WITH  
MOISTURE CONDITIONED FIBROUS  
BATTS  
[54] FABRICATION DE MATERIAUX  
DE COUVERTURE MULTICOUCHES A  
NAPPES FIBREUSES A HUMIDITE  
CONTROLEE  
[72] LUNDHOLM, Gary Allen, US  
[72] OLSON, Brian Francis, US  
[72] LEMONIER, Bryon James, US  
[72] MICHELSEN, Theodore W., US  
[71] JOHNS MANVILLE  
INTERNATIONAL, INC., US  
[22] 1998-12-17  
[43] 1999-06-18  
[30] US (992,993) 1997-12-18

[21] 2,256,263  
[13] A1

[51] Int.Cl. 6A01K 1/02 6A01K 1/03  
6E04H 17/18  
[25] EN  
[54] LIGHT-WEIGHT, COLLAPSIBLE,  
HINGED FENCING STRUCTURE  
PARTICULARLY SUITABLE AS A  
SMALL ANIMAL ENCLOSURE  
[54] STRUCTURE LEGERE POUR  
CLOTURE ARTICULEE  
DEMONTABLE CONVENANT  
SURTOU POUR GARDER DE PETITS  
ANIMAUX  
[72] ALLEN, Gerald M., US  
[71] ALLEN, Gerald M., US  
[22] 1998-12-17  
[43] 1999-06-18  
[30] US (08/993,027) 1997-12-18

[21] 2,256,267  
[13] A1

[51] Int.Cl. 6A63D 15/10  
[25] EN  
[54] CUE REST FOR CLAMPING ON A  
TABLE EDGE  
[54] APPUI DE REPOS A INSTALLER  
PAR SERRAGE SUR LE BORD D'UNE  
TABLE  
[72] MASTERS, Michael T., CA  
[71] MASTERS, Michael T., CA  
[22] 1998-12-17  
[43] 1999-06-17  
[30] US (08/992,120) 1997-12-17

[21] 2,256,269  
[13] A1

[51] Int.Cl. 6E01F 9/04  
[25] EN  
[54] EMBOSSEING DEVICE FOR ROAD  
MARKINGS  
[54] APPAREIL DE MARQUAGE POUR  
LE MARQUAGE ROUTIER  
[72] WESTCOTT, Ray, GB  
[72] THOMPSON-HILL, Richard, GB  
[72] LEECH, David, GB  
[71] PRISMO LIMITED, GB  
[22] 1998-12-17  
[43] 1999-06-17  
[30] GB (9726653.0) 1997-12-17

[21] 2,256,270  
[13] A1

[51] Int.Cl. 6A61K 6/08 6A61C 13/23  
[25] EN  
[54] DENTAL ADHESIVE KIT  
[54] TROUSSE D'ADHESIF DENTAIRE  
[72] TANAKA, Harumi, JP  
[72] TOMIKAWA, Tamotsu, JP  
[72] UEKI, Hideyuki, JP  
[72] OTSUKI, Haruka, JP  
[72] ARATA, Masami, JP  
[72] YAMAMOTO, Takashi, JP  
[71] SUN MEDICAL CO., LTD., JP  
[22] 1998-12-17  
[43] 1999-06-18  
[30] JP (9-349,143) 1997-12-18

[21] 2,256,272  
[13] A1

[51] Int.Cl. 6F04D 29/22 6F04D 29/24  
[25] EN  
[54] A PUMP IMPELLER HUB  
[54] MOYEU DE ROTOR DE POMPE  
[72] ARBEUS, Ulf, SE  
[71] ITT MANUFACTURING  
ENTERPRISES, INC., US  
[22] 1998-12-17  
[43] 1999-06-18  
[30] SE (9704729-4) 1997-12-18

[21] 2,256,273  
[13] A1

[51] Int.Cl. 6G07B 17/02 6G06F 17/60  
[25] EN  
[54] POSTAGE METERING SYSTEM  
AND METHOD FOR A STAND-ALONE  
METER HAVING VIRTUAL METER  
FUNCTIONALITY  
[54] SYSTEME ET TECHNIQUE  
D'AFFRANCHISSEMENT POUR  
AFFRANCHISSEUSE AUTONOME A  
FONCTIONNALITE  
D'AFFRANCHISSEMENT VIRTUEL  
[72] MALANDRA, Charles R., Jr., US  
[72] PIERCE, Perry A., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-17  
[43] 1999-06-18  
[30] US (08/993,355) 1997-12-18

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[21] **2,256,274**  
[13] A1

[51] **Int.Cl. 6C03B 18/20**  
[25] EN  
[54] **GAS RECYCLE FOR FLOAT GLASS SYSTEM**  
[54] **RECYCLAGE DES GAZ POUR SYSTEME DE FLOTTAGE DU VERRE**  
[72] WEBER, Joseph Alfred, US  
[72] FISHER, Theodore Fringelin, US  
[72] BONAQUIST, Dante Patrick, US  
[71] PRAXAIR TECHNOLOGY, INC., US  
[22] 1998-12-17  
[43] 1999-06-19  
[30] US (08/994,483) 1997-12-19

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[21] **2,256,275**  
[13] A1

[51] **Int.Cl. 6G07B 17/02 6G07B 17/00 6G06F 17/60**  
[25] EN  
[54] **POSTAGE METERING SYSTEM AND METHOD FOR A CLOSED SYSTEM NETWORK**  
[54] **SYSTEME ET METHODE D'AFFRANCHISSEMENT POUR RESEAU FERME DE SYSTEMES**  
[72] RYAN, Frederick W., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-17  
[43] 1999-06-18  
[30] US (08/993,356) 1997-12-18

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[21] **2,256,276**  
[13] A1

[51] **Int.Cl. 6H01M 8/02**  
[25] EN  
[54] **FUEL CELL AND SEPARATOR FOR THE SAME**  
[54] **PILE A COMBUSTIBLE ET SEPARATEUR**  
[72] IWASE, Masayoshi, JP  
[72] HAMADA, Hitoshi, JP  
[72] KAWATSU, Shigeyuki, JP  
[72] YOSHIMURA, Joji, JP  
[72] MIZUNO, Seiji, JP  
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP  
[22] 1998-12-17  
[43] 1999-06-18  
[30] JP (HEI 09-365129) 1997-12-18  
[30] JP (HEI 10-100453) 1998-03-27  
[30] JP (HEI 10-189926) 1998-06-18

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[21] **2,256,277**  
[13] A1

[51] **Int.Cl. 6G07B 17/02**  
[25] EN  
[54] **MULTIPLE REGISTERED POSTAGE METER**  
[54] **AFFRANCHISSEUSE D'ENVOIS ENREGISTRES MULTIPLES**  
[72] BRAND, Patrick M., US  
[71] PITNEY BOWES INC., US  
[22] 1998-12-17  
[43] 1999-06-18  
[30] US (08/993,310) 1997-12-18

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[21] **2,256,285**  
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[54] **SYSTEME ET TECHNIQUE DE TRANSLATION CENTREX**  
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[71] NORTHERN TELECOM LIMITED, CA  
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[54] **THE USE OF MMP INHIBITORS FOR THE TREATMENT OF OCULAR ANGIOGENESIS**  
[54] **UTILISATION D'INHIBITEURS DE METALLOPROTEASE MATRICIELLE POUR LE TRAITEMENT DE L'ANGIOGENESE OCULAIRE**  
[72] DOHERTY, Niall Stephen, US  
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[54] **ACIER DE FAIBLE EPAISSEUR ET POUTRE A ME DE MOUSSE**  
[72] GUERRA, Gina, CA  
[72] CLIFFORD, David D'Arcy, CA  
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[54] **MOUNTING DEVICE FOR SECURING A FRAME ONTO A SNOWBOARD**  
[54] **APPAREIL D'INSTALLATION POUR FIXER UN CADRE SUR UNE PLANCHE A NEIGE**  
[72] STAFFORD, Jamie, CA  
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[72] SASTRI, Munigoti S., US  
[72] DRUZYNYSKI, Frank Casmere, US  
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[54] **DEVICE FOR EMBOSSING A FOIL, APPLICATION OF THE DEVICE, METHOD FOR ITS MANUFACTURE, AND METHOD FOR THE OPERATION OF THE DEVICE**  
[54] **APPAREIL POUR GAUFFRER DES FEUILLES, APPLICATION, METHODE DE FABRICATION ET FONCTIONNEMENT DE L'APPAREIL**  
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[54] **AVERTISSEUR DE TEMPERATURE POUR CONGELATEURS**  
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[54] **A METHOD OF AND AN APPARATUS FOR TRAINING TAP COEFFICIENTS OF AN ADAPTIVE EQUALIZER**  
[54] **METHODE ET APPAREIL POUR COEFFICIENTS DE PRISE D'UN EGALISATEUR ADAPTABLE**  
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[71] NEC CORPORATION, JP  
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[54] **DISPOSITIF SERVANT A LIMITER LES SURINTENSITES**  
[72] CHEN, Makan, CH  
[72] PAUL, Willi, CH  
[72] LAKNER, Martin, CH  
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[54] **PLL FOR REPRODUCING STANDARD CLOCK FROM RANDOM TIME INFORMATION**  
[54] **CIRCUIT DE VERROUILLAGE DE PHASE SERVANT A REPRODUIRE UNE HORLOGE STANDARD A PARTIR D'UNE INFORMATION CHRONOLOGIQUE ALEATOIRE**  
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[54] **MECANISME DE DECLenchEMENT A SENS UNIQUE POUR SYSTEME D'APPLICATION DE MEDICAMENT**  
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[54] **COFFEE-MAKING MACHINE**  
[54] **CAFETIERE**  
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[71] CAFE 98 INDUSTRIES LIMITED, CA  
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[21] **2,256,610**  
[13] A1

[51] **Int.Cl. 6G06F 9/44**  
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[54] **METHOD AND APPARATUS FOR IMPLEMENTING MULTIPLE STORAGE MECHANISMS FOR NAME SERVICES**  
[54] **TECHNIQUE ET APPAREIL DE MISE EN OEUVRE DE MECANISMES DE STOCKAGE MULTIPLES POUR SERVICES NOMINATIFS**  
[72] CALLSEN, Christian J., US  
[71] SUN MICROSYSTEMS, INC., US  
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[54] **METHOD AND APPARATUS FOR DEFERRED THROWING OF EXCEPTIONS IN C++**  
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[72] CAVANAUGH, Ken M., US  
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[54] **PEINTURES ET ENCREES D'IMPRESSION CONTENANT DU NOIR DE CARBONE MODIFIE**  
[72] STROH, Peter, DE  
[72] OTTO, Karin, DE  
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[54] **PASTILLES DE NOIR DE CARBONE ET PROCESSUS DE PRODUCTION DE CELLES-CI**  
[72] WIESCHNOWSKY, Udo, DE  
[72] KOPIETZ, Jan, DE  
[72] VOGLER, Conny, DE  
[72] VOGEL, Karl, DE  
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[54] **PROCESSUS DE PREPARATION DES POLYMERES**  
[72] SHU-HUA WU, Richard, US  
[72] WUDARSKI, Jill Ann, US  
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[54] **PISTOLET PULVERISATEUR CONVERGENT PORTATIF POUR L'APPLICATION DE REVETEMENTS**  
[72] SCARPA, Jack G., US  
[72] HALL, Terry, US  
[72] KELLY, Matthew, US  
[72] LUNDY, Quintin, US  
[72] VAN WAVERN, Beth, US  
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[54] **A TILTING FIFTH WHEEL TRAILER HITCH**  
[54] **ATTELAGE DE REMORQUE BASCULANTE**  
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[72] McCOY, Rick, US  
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[54] **POSTAGE METERING SYSTEM AND METHOD FOR A SINGLE VAULT DISPENSING POSTAGE TO A PLURALITY OF PRINTERS**  
[54] **SYSTEME ET METHODE D'AFFRANCHISSEMENT POUR LA DISTRIBUTION D'AFFRANCHISSEMENT A DE MULTIPLES IMPRIMANTES A PARTIR D'UN SEUL ENDROIT**  
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[54] **METHOD AND APPARATUS FOR FAST, LOCAL CORBA OBJECT REFERENCES**  
[54] **METHODE ET APPAREIL POUR LES REPERAGES RAPIDES D'OBJETS LOCAUX CORBA**  
[72] CALLSEN, Christian J., US  
[72] CAVANAUGH, Ken M., US  
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[54] **APPAREIL DE REANIMATION AVEC SOUPEPE A FERMETURE AUTOMATIQUE**  
[72] EISENBERG, Melvin I., US  
[72] O'DAY, Therese J., US  
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[25] EN  
[54] **PROTECTIVE BOOT FOR AUTOMOTIVE COMPONENT AND METHOD OF MAKING**  
[54] **GAINE PROTECTRICE POUR COMPOSANTE D'AUTOMOBILE ET METHODE DE FABRICATION**  
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[72] SADR, Changize, CA  
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[54] **MATERIAUX D'EMBALLAGE**  
[72] PRESTON, Janet Susan, GB  
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[54] **ANODE CATALYST FOR FUEL CELLS WITH POLYMER ELECTROLYTE MEMBRANES**  
[54] **ANODE CATALYSEUR POUR PILES A COMBUSTIBLE MUNIES DE MEMBRANES ELECTROLYTIQUES EN POLYMERE**  
[72] AUER, Emmanuel, DE  
[72] BEHL, Walter, DE  
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[54] **KEY TELEPHONE SYSTEM CAPABLE OF DISPLAYING A PLURALITY OF OUTGOING TELEPHONE NUMBERS INCLUDED IN INCOMING CALLS**  
[54] **SYSTEME TELEPHONIQUE CAPABLE D'AFFICHER DE NOMBREUX NUMEROS DE TELEPHONE DE DEPART FAISANT PARTIE DES APPELS D'ARRIVEE**  
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[71] NEC CORPORATION, JP  
[22] 1998-12-18  
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[54] **VERNIS DE GLISSEMENT COMPATIBLE AVEC L'ENVIRONNEMENT**  
[72] NOVAK, Howard L., US  
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[25] EN  
[54] **PROCESS FOR THE ALKYLATION OF ALKYL- OR BENZYL CYANOGEN DERIVATIVES IN THE PRESENCE OF TRIALKYLAMINES OR -PHOSPHINES**  
[54] **PROCEDE D'ALKYLATION DE DERIVES D'ALKYCYANOGENE OU DE CYANOGENE DE BENZYL EN PRESENCE D'AMINES TRIALKYLES OU DE PHOSPHINES TRIALKYLES**  
[72] LEHNERT, Rudolf, DE  
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[25] EN  
[54] **IMAGE PROCESSING APPARATUS AND METHOD, IMAGE SYNTHESIZING SYSTEM AND METHOD, IMAGE SYNTHESIZER AND CLIENT COMPUTER WHICH CONSTITUTE IMAGE SYNTHESIZING SYSTEM, AND IMAGE SEPARATING METHOD**  
[54] **APPAREIL ET METHODE DE TRAITEMENT D'IMAGES, SYSTEME ET METHODE DE SYNTHESE D'IMAGES, SYNTHETISEUR D'IMAGES ET ORDINATEUR DE SERVICE CONSTITUANT LE SYSTEME DE SYNTHESE DE L'IMAGE ET METHODE DE SEPARATION D'IMAGES**  
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[51] **Int.Cl. 6E02D 27/42 6E04H 12/32**  
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[54] **HAMPE DE DRAPEAU RENFORCE RESISTANT AU VENT**  
[72] HORVATH, Istvan, CA  
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[54] **IMPROVED INTERFERON  
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[54] **PRODUITS DE CONJUGAISON  
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AVEC UN POLYMERE**  
[72] GILBERT, Carl W., US  
[72] PARK-CHO, Myung-ok, KR  
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[54] **IMPROVED UREA SYNTHESIS  
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[54] **DISK CARTRIDGE AND ADAPTER  
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[72] HIGAKI, Hitoshi, JP  
[72] UENO, Shigeto, JP  
[72] NAKATA, Kuniko, JP  
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[51] Int.Cl. 6H04L 12/28 6G06F 17/30  
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[54] **DISTRIBUTED ON-LINE DATA  
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[54] **SYSTEME ET PROCEDE DE  
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[72] JAHANIAN, Teresa R., US  
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[54] **WELLED PLATE FOR  
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[54] **PLAQUE POUR ANALYSE  
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[51] Int.Cl. 6B21C 23/00 6B21C 29/04  
[25] EN  
[54] **PROCESS FOR EXTRUDING A  
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[54] **PROCEDE DE FABRICATION PAR  
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[72] BOLLIGER, Martin, CH  
[72] SCHWELLINGER, Pius, DE  
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<p style="text-align: right;">[21] <b>2,270,070</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03H 9/24</b> [25] EN [54] <b>ZERO TCF THIN FILM RESONATOR</b> [54] <b>RESONATEUR A COUCHE MINCE A TCF NUL</b> [72] HERB, William R., US [72] YOUNGNER, Daniel W., US [72] BURNS, David W., US [71] HONEYWELL INC., US [85] 1999-04-27 [86] 1997-11-13 (PCT/US97/20639) [87] 1998-07-09 (WO98/29943) [30] US (08/777,652) 1996-12-31</p>	<p style="text-align: right;">[21] <b>2,270,074</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01B 1/00 6A61B 5/04 6H01B 1/04 6H01B 1/06 6A61K 9/14</b> [25] EN [54] <b>ELECTRICALLY CONDUCTIVE ADHESIVE HYDROGELS</b> [54] <b>HYDROGELS ADHESIFS ELECTROCONDUCTEURS</b> [72] PERRAULT, James J., US [71] CARDIOTRONICS SYSTEMS, INC., US [85] 1999-04-27 [86] 1997-10-28 (PCT/US97/19572) [87] 1998-05-07 (WO98/19311) [30] US (08/738,651) 1996-10-28</p>	<p style="text-align: right;">[21] <b>2,270,078</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04R 25/02</b> [25] EN [54] <b>EAR MUFFLER</b> [54] <b>CACHE-OREILLES ANTIBRUIT</b> [72] ZWISLOCKI, Jozef J., US [71] SYRACUSE UNIVERSITY, US [85] 1999-04-27 [86] 1997-10-28 (PCT/US97/19526) [87] 1998-05-07 (WO98/19498) [30] US (08/744,732) 1996-10-29</p>
<p style="text-align: right;">[21] <b>2,270,071</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41D 13/00</b> [25] EN [54] <b>PROTECTIVE GARMENT FOR THE HIP AREA</b> [54] <b>VETEMENT DE PROTECTION DE LA REGION DE LA HANCHE</b> [72] CARRINGTON, Janice, US [71] PLUM ENTERPRISES, US [85] 1999-04-27 [86] 1997-10-29 (PCT/US97/19603) [87] 1998-05-07 (WO98/18355) [30] US (08/744,713) 1996-10-29</p>	<p style="text-align: right;">[21] <b>2,270,076</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 12/14</b> [25] EN [54] <b>METHOD AND SECURITY SYSTEM FOR PROCESSING A SECURITY CRITICAL ACTIVITY</b> [54] <b>PROCEDE ET SYSTEME DE SECURITE POUR LE TRAITEMENT D'UNE ACTIVITE CRITIQUE DE SECURITE</b> [72] WETTERGREN, Christian, SE [71] MYSPACE AB, SE [85] 1999-04-27 [86] 1997-10-30 (PCT/SE97/01817) [87] 1998-05-07 (WO98/19243) [30] SE (9603962-3) 1996-10-30</p>	<p style="text-align: right;">[21] <b>2,270,079</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22B 3/18</b> [25] EN [54] <b>RECOVERY OF NICKEL FROM BIOLEACH SOLUTION</b> [54] <b>RECUPERATION DE NICKEL DANS UNE SOLUTION DE LIXIVIATION BIOLOGIQUE</b> [72] DUYVESTYEN, Willem P. C., US [72] OMOFOMA, Matt A., US [71] BHP MINERALS INTERNATIONAL INC., US [85] 1999-04-27 [86] 1996-12-12 (PCT/US96/19827) [87] 1998-06-18 (WO98/26100)</p>
<p style="text-align: right;">[21] <b>2,270,073</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/48</b> [25] EN [54] <b>STABLE ANHYDROUS FORMULATION</b> [54] <b>FORMULATION ANHYDRE STABLE</b> [72] CIOCA, Gheorghe, US [72] BEVACQUA, Andrew J., US [72] TOMA, Daniela, US [72] LAHANAS, Konstantinos M., US [71] E-L MANAGEMENT CORP., US [85] 1999-04-27 [86] 1998-09-10 (PCT/US98/18804) [87] 1999-03-25 (WO99/13859) [30] US (08/931,572) 1997-09-16</p>	<p style="text-align: right;">[21] <b>2,270,077</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B32B 27/08 6B65D 65/40</b> [25] EN [54] <b>RF-SEALABLE PILLOW POUCH</b> [54] <b>SACHET COUSSIN SCELLABLE PAR HF</b> [72] BUONGIORNO, Livio, IT [72] PEREGO, Vittorio, IT [71] CRYOVAC, INC., US [85] 1999-04-27 [86] 1997-10-15 (PCT/EP97/05695) [87] 1998-05-07 (WO98/18620) [30] EP (96117362.2) 1996-10-29 [30] EP (97107254.1) 1997-05-02</p>	<p style="text-align: right;">[21] <b>2,270,104</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C22B 43/00 6A62D 3/00 6F27B 5/04 6B09C 1/06 6H01M 6/52</b> [25] EN [54] <b>INSTALLATION AND METHOD FOR REMOVING MERCURY FROM WASTE MATERIALS BY VACUUM DISTILLATION</b> [54] <b>INSTALLATION ET PROCEDE D'ENLEVEMENT DE MERCURE A PARTIR DE DECHETS, PAR DISTILLATION SOUS VIDE</b> [72] HAVERKAMP BEGEMANN, Roeland, NL [71] BEGEMANN HOLDING B.V., NL [85] 1999-04-27 [86] 1997-11-19 (PCT/NL97/00630) [87] 1998-05-28 (WO98/22628) [30] NL (1004566) 1996-11-19</p>

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[13] A1

[51] **Int.Cl. 6B01L 3/02**  
[25] EN  
[54] **SUPPORT RACK FOR PIPETTE TIPS**  
[54] **GRILLE SUPPORT POUR POINTES DE PIPETTES**  
[72] TAGGART, Thomas, US  
[71] POINT PLASTICS INCORPORATED, US  
[85] 1999-04-27  
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[87] 1999-04-22 (WO99/19068)  
[30] US (08/950,551) 1997-10-15

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[21] **2,270,108**  
[13] A1

[51] **Int.Cl. 6A01J 5/08**  
[25] EN  
[54] **A TEATCUP LINER AND A METHOD OF MANUFACTURING A TEATCUP LINER**  
[54] **MANCHON TRAYEUR ET SON PROCEDE DE FABRICATION**  
[72] PETTERSON, Torbjörn Karl Ingemar, SE  
[71] ALFA LAVAL AGRI AB, SE  
[85] 1999-04-27  
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[30] SE (9604053-0) 1996-11-05

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[21] **2,270,110**  
[13] A1

[51] **Int.Cl. 6A61M 1/36**  
[25] EN  
[54] **EXTRACORPOREAL BLOOD PROCESSING METHODS AND APPARATUS**  
[54] **PROCEDES ET DISPOSITIF DE TRAITEMENT EXTRACORPOREL DU SANG**  
[72] KELLER, Murial, US  
[72] BAINBRIDGE, Marlene, US  
[71] COBE LABORATORIES, INC., US  
[85] 1999-04-27  
[86] 1998-09-02 (PCT/US98/18352)  
[87] 1999-03-11 (WO99/11305)  
[30] US (08/924,519) 1997-09-05

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[13] A1

[51] **Int.Cl. 6C07D 311/74 6C07D 413/04 6A61K 31/40 6A61K 31/445 6A61K 31/535**  
[25] EN  
[54] **NOVEL (-)-ENANTIOMERS OF CIS-3,4-CHROMAN DERIVATIVES USEFUL IN THE PREVENTION OR TREATMENT OF ESTROGEN RELATED DISEASES OR SYNDROMES**  
[54] **NOUVEAUX (-)-ENANTIOMERES DE DERIVES DE CIS-3,4-CHROMANE UTILES POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES OU DE SYNDROMES ASSOCIES AUX OESTROGENES**  
[72] JACOBSEN, Poul, DK  
[72] CHRISTIANSEN, Lise Brown, DK  
[72] BURY, Paul Stanley, DK  
[72] TREPPENDAHL, Svend, DK  
[72] KANSTRUP, Anders, DK  
[71] NOVO NORDISK A/S, DK  
[85] 1999-04-27  
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[87] 1998-05-07 (WO98/18771)  
[30] DK (1203/96) 1996-10-28

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[13] A1

[51] **Int.Cl. 6G06F 17/60 6G06F 11/14**  
[25] EN  
[54] **FAIL-SAFE EVENT DRIVEN TRANSACTION PROCESSING SYSTEM AND METHOD**  
[54] **SYSTEME ET PROCEDE DE TRAITEMENT A SECURITE INTEGREE DE TRANSACTIONS DECLENCHEES PAR L'EVENEMENT**  
[72] JEFFREY, Raymond E., US  
[72] KEARNS, Kevin A., US  
[72] JAHANIAN, Teresa R., US  
[71] ELECTRONIC DATA SYSTEMS CORPORATION, US  
[85] 1999-04-27  
[86] 1997-10-29 (PCT/US97/19774)  
[87] 1998-05-07 (WO98/19262)  
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[13] A1

[51] **Int.Cl. 6C07D 311/74 6A61K 31/40 6A61K 31/445 6A61K 31/535**  
[25] EN  
[54] **NOVEL CIS-3,4-CHROMAN DERIVATIVES USEFUL IN THE PREVENTION OR TREATMENT OF ESTROGEN RELATED DISEASES OR SYNDROMES**  
[54] **NOUVEAUX DERIVES DE CIS-3,4-CHROMANE UTILES POUR LA PREVENTION OU LE TRAITEMENT DE MALADIES OU DE SYNDROMES RELATIFS AUX OESTROGENES**  
[72] KANSTRUP, Anders, DK  
[72] JACOBSEN, Poul, DK  
[72] CHRISTIANSEN, Lise Brown, DK  
[72] TREPPENDAHL, Svend, DK  
[72] BURY, Paul Stanley, DK  
[71] NOVO NORDISK A/S, DK  
[85] 1999-04-27  
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[87] 1998-05-07 (WO98/18773)  
[30] DK (1200/96) 1996-10-28

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[13] A1

[51] **Int.Cl. 6B01D 65/08 6B01D 61/02**  
[25] EN  
[54] **FILTRATION MEMBRANE MODULE**  
[54] **MODULE A MEMBRANES DE FILTRATION**  
[72] KOENHEN, Dirk Marinus, NL  
[72] ROESINK, Hendric Dirk Willem, NL  
[71] X-FLOW B.V., NL  
[85] 1999-04-27  
[86] 1997-11-10 (PCT/NL97/00614)  
[87] 1998-05-22 (WO98/20962)  
[30] NL (1004489) 1996-11-11

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[21] **2,270,115**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68**  
[25] EN  
[54] **METHOD OF IDENTIFYING PHARMACEUTICALS FROM PLANT EXTRACTS**  
[54] **PROCEDES D'IDENTIFICATION D'AGENTS PHARMACEUTIQUES A PARTIR D'EXTRAITS DE VEGETAUX**  
[72] BEAUFOUR, Albert, GB  
[72] MOREAU, Jacques-Pierre, US  
[71] SOCIETE DE CONSEILS DE RECHERCHES ET D'APPLICATIONS SCIENTIFIQUES S.A. (, FR  
[85] 1999-04-27  
[86] 1997-11-05 (PCT/US97/20103)  
[87] 1998-05-14 (WO98/20163)  
[30] US (08/744,983) 1996-11-07

[21] **2,270,116**  
[13] A1

[51] **Int.Cl. 6C12N 15/82 6A62D 3/00 6A23L 1/015**  
[25] EN  
[54] **BEAUVERICIN DETOXIFICATION COMPOSITIONS AND METHODS**  
[54] **COMPOSITIONS ET PROCEDES DE DETOXIFICATION DE LA BEAUVERICINE**  
[72] DUVICK, Jon, US  
[72] ROOD, Tracy A., US  
[71] PIONEER HI-BRED INTERNATIONAL, INC., US  
[85] 1999-04-27  
[86] 1997-11-12 (PCT/US97/21207)  
[87] 1998-05-28 (WO98/22603)  
[30] US (08/753,287) 1996-11-22

[21] **2,270,117**  
[13] A1

[51] **Int.Cl. 6C12N 5/08**  
[25] EN  
[54] **PROCESS FOR PRODUCING TUMORICIDE T-LYMPHOCYTES**  
[54] **PROCEDE DE PRODUCTION DE LYMPHOCYTES THYMO-DEPENDANTS TUMORICIDES**  
[72] JUNGFER, Herbert, DE  
[72] BARCHET, Heinrich, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[85] 1999-04-27  
[86] 1997-10-29 (PCT/EP97/05957)  
[87] 1998-05-07 (WO98/18907)  
[30] EP (96117376.2) 1996-10-30

[21] **2,270,118**  
[13] A1

[51] **Int.Cl. 6A61K 31/165 6C07D 295/00 6C07D 401/00 6C07D 417/00 6C07D 487/00 6C07D 279/04 6C07D 279/06 6C07D 277/22 6C07D 207/24 6C07D 233/28 6C07D 233/30 6C07D 233/32 6C07D 233/38 6A61K 31/38 6A61K 31/40 6A61K 31/415 6A61K 31/425 6A61K 31/44 6C07D 207/46 6A61K 31/47 6A61K 31/50 6A61K 31/505 6C07D 211/72 6C07D 213/72 6C07D 213/75 6C07D 213/81 6C07D 213/83 6C07D 211/84**  
[25] EN  
[54] **NITROSATED AND NITROSYLATED PHOSPHODIESTERASE INHIBITOR COMPOUNDS, COMPOSITIONS AND THEIR USES**  
[54] **COMPOSES NITROSES ET NITROSYLES INHIBITEURS DE LA PHOSPHODIESTERASE, COMPOSITIONS COMPRENANT CES COMPOSES ET UTILISATIONS CORRESPONDANTES**  
[72] SAENZ DE TEJADA, Inigo, ES  
[72] GARVEY, David S., US  
[71] NITROMED INC., US  
[85] 1999-04-27  
[86] 1997-10-31 (PCT/US97/19870)  
[87] 1998-05-14 (WO98/19672)  
[30] US (08/740,764) 1996-11-01

[21] **2,270,119**  
[13] A1

[51] **Int.Cl. 6A61K 31/495 6A61K 31/55**  
[25] EN  
[54] **DRUGS FOR AMELIORATING OCULAR CIRCULATORY DISORDERS**  
[54] **MEDICAMENTS POUR LE TRAITEMENT DES TROUBLES CIRCULATOIRES OCULAIRES**  
[72] OGAWA, Takahiro, JP  
[72] WATANABE, Noriko, JP  
[72] WAKI, Mitsunori, JP  
[71] SENJU PHARMACEUTICAL CO., LTD., JP  
[71] KYOTO PHARMACEUTICAL INDUSTRIES, LTD., JP  
[85] 1999-04-27  
[86] 1997-10-23 (PCT/JP97/03866)  
[87] 1998-05-07 (WO98/18471)  
[30] JP ((HEISEI 8) 285684/1996) 1996-10-28  
[30] JP ((HEISEI 9) 245559/1997) 1997-09-10

[21] **2,270,120**  
[13] A1

[51] **Int.Cl. 6A61K 49/00 6A61K 51/12 6A61K 47/48**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO DIAGNOSTIC/THERAPEUTIC AGENTS**  
[54] **AMELIORATIONS APORTEES A DES AGENTS DIAGNOSTIQUES ET/OU THERAPEUTIQUES OU LES CONCERNANT**  
[72] KLAVENESS, Jo, NO  
[72] SOLBAKKEN, Magne, NO  
[72] LOVHAUG, Dagfinn, NO  
[72] CUTHBERTSON, Alan, NO  
[72] HELLEBUST, Halldis, NO  
[72] HOGSET, Anders, NO  
[72] RONGVED, Pal, NO  
[72] NAEVESTAD, Anne, NO  
[72] HOFF, Lars, NO  
[72] TOLLESHAUG, Helge, NO  
[71] NYCOMED IMAGING AS, NO  
[85] 1999-04-27  
[86] 1997-10-28 (PCT/GB97/02954)  
[87] 1998-05-07 (WO98/18501)  
[30] GB (9622368.0) 1996-10-28  
[30] GB (9622367.2) 1996-10-28  
[30] GB (9622366.4) 1996-10-28  
[30] GB (9700699.3) 1997-01-15  
[30] GB (9708265.5) 1997-04-24  
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[30] GB (9711842.6) 1997-06-06

[21] **2,270,121**  
[13] A1

[51] **Int.Cl. 6B65B 11/50 6B65B 59/00 6B65B 47/04**  
[25] EN  
[54] **SMALL-SCALE BLISTER PACKER**  
[54] **APPAREIL D'EMBALLAGE-COQUE A PETITE ECHELLE**  
[72] PARKER, Andrew Ernest, GB  
[72] HEWITT, Aaron, GB  
[71] SEPHA PHARMACEUTICALS LIMITED, GB  
[85] 1999-04-27  
[86] 1997-11-04 (PCT/GB97/02926)  
[87] 1998-05-14 (WO98/19913)  
[30] GB (9622931.5) 1996-11-04

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[21] **2,270,122**  
[13] A1

[51] **Int.Cl. 6G06F 11/00**  
[25] EN  
[54] **A GATED STORE BUFFER FOR AN ADVANCED MICROPROCESSOR**  
[54] **MEMOIRE TAMPON A DECLENCHEMENT PERIODIQUE POUR MICROPROCESSEUR EVOLUE**  
[72] D'SOUZA, Godfrey P., US  
[72] WING, Malcolm J., US  
[71] TRANSMETA CORPORATION, US  
[85] 1999-04-27  
[86] 1997-12-12 (PCT/US97/22768)  
[87] 1998-07-02 (WO98/28689)  
[30] US (08/772,686) 1996-12-23

[21] **2,270,123**  
[13] A1

[51] **Int.Cl. 6A01N 43/40 6A01N 43/42 6A01N 43/90**  
[25] EN  
[54] **COMPOUNDS, COMPOSITIONS AND METHODS FOR TREATING ANTIBIOTIC-RESISTANT INFECTIONS**  
[54] **COMPOSES, COMPOSITIONS ET TECHNIQUES AFFERENTES, AUX FINS DU TRAITEMENT D'INFECTIONS RESISTANT AUX ANTIBIOTIQUES**  
[72] ELLIS, William Y., US  
[72] KUNIN, Calvin M., US  
[71] DEPARTMENT OF THE ARMY, U.S. GOVERNMENT, US  
[85] 1999-04-27  
[86] 1997-10-27 (PCT/US97/19385)  
[87] 1998-05-07 (WO98/18326)  
[30] US (60/029,214) 1996-10-28

[21] **2,270,131**  
[13] A1

[51] **Int.Cl. 6A61L 9/16 6A61L 9/04 6A61L 9/12**  
[25] EN  
[54] **METHOD AND APPARATUS INCORPORATING AIR MODIFYING AGENTS**  
[54] **PROCEDE ET APPAREIL INCORPORANT DES AGENTS MODIFICATEURS D'AIR**  
[72] SMITH, Nigel Peter, GB  
[71] GLOBOL CHEMICALS (UK) LIMITED, GB  
[85] 1999-04-27  
[86] 1997-10-22 (PCT/GB97/02915)  
[87] 1998-05-07 (WO98/18503)  
[30] GB (9622354.0) 1996-10-28

[21] **2,270,132**  
[13] A1

[51] **Int.Cl. 6C12Q 1/68 6C07H 21/00 6C07F 9/24**  
[25] EN  
[54] **DNA DIAGNOSTICS BASED ON MASS SPECTROMETRY**  
[54] **DIAGNOSTICS DE L'ADN FONDES SUR LA SPECTROMETRIE DE MASSE**  
[72] XIANG, Guobing, US  
[72] LOUGH, David M., US  
[72] KOSTER, Hubert, US  
[72] JURINKE, Christian, DE  
[72] RUPPERT, Andreas, DE  
[72] LITTLE, Daniel P., US  
[72] BRAUN, Andreas, US  
[72] VAN DEN BOOM, Dirk, DE  
[71] SEQUENOM, INC., US  
[85] 1999-04-30  
[86] 1997-11-06 (PCT/US97/20444)  
[87] 1998-05-14 (WO98/20166)  
[30] US (08/744,481) 1996-11-06  
[30] US (08/746,036) 1996-11-06  
[30] US (08/746,055) 1996-11-06  
[30] US (08/744,590) 1996-11-06  
[30] US (08/786,988) 1997-01-23  
[30] US (08/787,639) 1997-01-23  
[30] US (08/933,792) 1997-09-19  
[30] US (08/947,801) 1997-10-08

[21] **2,270,133**  
[13] A1

[51] **Int.Cl. 6H04B 7/185 6H04H 1/00 6H04L 9/00 6H04B 10/105**  
[25] EN  
[54] **SYSTEM FOR PROVIDING LOCATION-SPECIFIC DATA TO A USER**  
[54] **SYSTEME POUR FOURNIR A UN UTILISATEUR DES DONNEES SPECIFIQUES A UN EMPLACEMENT**  
[72] JOHNSTONE, Robert L., US  
[72] CAMPANELLA, S. Joseph, US  
[71] WORLDSPACE, INC., US  
[71] JOHNSTONE, Robert L., US  
[85] 1999-04-28  
[86] 1997-10-31 (PCT/US97/19919)  
[87] 1998-05-14 (WO98/20631)  
[30] US (08/746,018) 1996-11-05

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[13] A1

[51] **Int.Cl. 6H04B 7/185 6H04H 1/00 6H04J 1/00 6H04L 29/02 6H04J 3/06 6H04L 27/18 6H04B 7/208**  
[25] EN  
[54] **DIRECT SATELLITE DIRECT BROADCAST SYSTEM**  
[54] **SYSTEME DE RADIODIFFUSION DIRECTE NUMERIQUE PAR SATELLITE**  
[72] HARRIS, G. Christopher, US  
[72] CAMPANELLA, S. Joseph, US  
[71] WORLDSPACE, INC., US  
[85] 1999-04-28  
[86] 1997-10-31 (PCT/US97/19631)  
[87] 1998-05-14 (WO98/20630)  
[30] US (08/746,019) 1996-11-05  
[30] US (08/746,020) 1996-11-05  
[30] US (08/746,067) 1996-11-05  
[30] US (08/746,069) 1996-11-05  
[30] US (08/746,070) 1996-11-05  
[30] US (08/746,071) 1996-11-05  
[30] US (08/746,072) 1996-11-05

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[13] A1

[51] **Int.Cl. 6B23B 27/16 6B23C 5/24**  
[25] EN  
[54] **ADJUSTABLE STOP**  
[54] **BUTEE DEPLACABLE**  
[72] MULLER, Gebhard, DE  
[72] VOLL, Martin, DE  
[72] JÄGER, Horst, DE  
[71] KENNAMETAL HERTEL AG WERKZEUGE + HARTSTOFFE, DE  
[85] 1999-04-27  
[86] 1998-01-29 (PCT/EP98/00470)  
[87] 1998-10-08 (WO98/43766)  
[30] DE (197 12 959.5) 1997-03-27  
[30] DE (197 17 741.7) 1997-04-26

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[13] A1

[51] **Int.Cl. 6C12N 15/87 6C12N 5/08 6G01N 33/50 6C12N 15/67 6C12N 15/85**  
[25] EN  
[54] **STABILIZED TRANSIENT GENE EXPRESSION**  
[54] **EXPRESSION GENIQUE TRANSITOIRE STABILISEE**  
[72] GOFFE, Adeelia S., US  
[72] GOFFE, Randal A., US  
[71] GENESPAN CORPORATION, US  
[85] 1999-05-03  
[86] 1997-10-31 (PCT/US97/19860)  
[87] 1998-05-14 (WO98/20146)  
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<p>[21] <b>2,270,138</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/335</b> [25] EN [54] <b>ANTIMALARIAL COMPOSITIONS CONTAINING CIS-FUSED CYCLOPENTENO-1,2,4-TRIOXANE DERIVATIVES</b> [54] <b>COMPOSITIONS ANTIPALUDIQUES CONTENANT DES DERIVES DE CIS-FUSIONNE CYCLOPENTENO-1,2,4-TRIOXANE</b> [72] PETERS, Wallace, GB [71] PHARMA MAR, S.A., ES [85] 1999-04-27 [86] 1997-10-28 (PCT/GB97/02974) [87] 1998-05-07 (WO98/18462) [30] GB (9622427.4) 1996-10-28</p>	<p>[21] <b>2,270,140</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/26 6H04Q 1/14 6H04L 12/44</b> [25] EN [54] <b>COMPUTER NETWORK CROSS-CONNECT PANEL PROVIDING PHYSICAL LAYER MONITORING</b> [54] <b>PANNEAU D'INTERCONNEXION POUR RESEAU INFORMATIQUE ASSURANT LE CONTROLE DE COUCHE PHYSIQUE</b> [72] SWANSON, Leslie H., US [72] RICHARDSON, William M., US [71] LECROY CORPORATION, US [85] 1999-04-28 [86] 1997-10-28 (PCT/US97/19405) [87] 1998-05-07 (WO98/19422) [30] US (60/029,046) 1996-10-29</p>	<p>[21] <b>2,270,144</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 9/127</b> [25] EN [54] <b>SYNTHESIS OF GLYCOPHOSPHOLIPID AND PEPTIDE-PHOSPHOLIPID CONJUGATES AND USES THEREOF</b> [54] <b>SYNTHESE DE CONJUGUES DE GLYCOPHOSPHOLIPIDES ET DE PEPTIDE-PHOSPHOLIPIDES ET LEURS UTILISATIONS</b> [72] CHAIKOF, Elliot L., US [72] SUN, Lijun, US [71] EMORY UNIVERSITY, US [85] 1999-04-28 [86] 1997-09-11 (PCT/US97/16080) [87] 1998-04-23 (WO98/16198) [30] US (08/729,928) 1996-10-15</p>
<p>[21] <b>2,270,139</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G02B 6/42 6H05K 13/04 6G02B 6/30 6G02B 6/32</b> [25] EN [54] <b>SELF-CENTRING ARRANGEMENT OF MICROSTRUCTURED ELEMENTS</b> [54] <b>DISPOSITION A CENTRAGE AUTOMATIQUE DE CORPS MICROSTRUCTURES</b> [72] SCHULZE, Jens, DE [72] SCHNEIDER, Sigrun, DE [72] AMBROSY, Anton, DE [72] REINHARDT, Jörg, DE [72] KERSTEN, Peter, DE [72] PICARD, Antoni, DE [71] ALCATEL SEL AKTIENGESELLSCHAFT, DE [85] 1999-04-28 [86] 1997-10-29 (PCT/EP97/05968) [87] 1998-05-07 (WO98/19194) [30] DE (196 44 758.5) 1996-10-29</p>	<p>[21] <b>2,270,142</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/461 6C02F 1/467</b> [25] EN [54] <b>IMPROVED METHOD AND APPARATUS FOR INCREASING THE OXYGEN CONTENT OF WATER</b> [54] <b>PROCEDE ET APPAREIL AMELIORES POUR AUGMENTER LA TENEUR EN OXYGENE DE L'EAU</b> [72] HOUGH, Gary S., US [72] JOHNSON, Troy T., US [71] H2O TECHNOLOGIES, LTD., US [85] 1999-04-28 [86] 1997-10-31 (PCT/US97/19845) [87] 1998-05-07 (WO98/18723) [30] US (08/744,706) 1996-10-31</p>	<p>[21] <b>2,270,145</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 11/00 6A62D 3/00 6A61L 2/02</b> [25] EN [54] <b>FLOWABLE WASTE SANITIZING PROCESS AND SYSTEM</b> [54] <b>PROCEDE ET SYSTEME D'ASSAINISSEMENT D'EFFLUENTS</b> [72] GREEN, Lawrence M., US [72] NICKELSEN, Michael G., US [71] SANITROL SYSTEMS, INC., US [85] 1999-04-28 [86] 1997-11-12 (PCT/US97/20776) [87] 1998-05-22 (WO98/20910) [30] US (08/745,511) 1996-11-12</p>
	<p>[21] <b>2,270,143</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F41G 3/26 6F41J 5/02</b> [25] EN [54] <b>SYSTEM FOR SIMULATING SHOOTING SPORTS</b> [54] <b>SYSTEME DE SIMULATION POUR SPORTS DE TIR</b> [72] HULL, George R., US [72] O'LOUGHLIN, Robert M., US [72] MILES, Michael D., US [72] O'LOUGHLIN, Terry P., US [71] LIGHTSHOT SYSTEMS, INC., US [85] 1999-04-28 [86] 1997-11-06 (PCT/US97/20511) [87] 1998-06-04 (WO98/23913) [30] US (08/753,537) 1996-11-26</p>	

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[25] EN  
[54] **SINGLE CHIP VLSI IMPLEMENTATION OF A DIGITAL RECEIVER EMPLOYING ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING**  
[54] **IMPLEMENTATION VLSI MONOPUCE D'UN RECEPTEUR NUMERIQUE UTILISANT LE MULTIPLEXAGE EN FREQUENCE ORTHOGONAL**  
[72] COLLINS, Matthew James, GB  
[72] ALAM, Dawood, GB  
[72] NOLAN, John Matthew, GB  
[72] KEEVILL, Peter Anthony, GB  
[72] DAVIES, David Huw, GB  
[72] PARKER, Jonathan, GB  
[72] FOXCROFT, Thomas, GB  
[71] DISCOVISION ASSOCIATES, US  
[85] 1999-04-27  
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[13] A1  
[51] **Int.Cl. 6A61B 8/12 6A61B 5/042**  
[25] EN  
[54] **SYSTEMS AND METHODS FOR VISUALIZING INTERIOR TISSUE REGIONS**  
[54] **SYSTEMES ET TECHNIQUES PERMETTANT DE VISUALISER DES REGIONS INTERNES DE TISSUS**  
[72] PANESCU, Dorin, US  
[72] MCGEE, David, US  
[72] TENHOFF, Harm, US  
[72] WHAYNE, James G., US  
[72] SWANSON, David K., US  
[71] EP TECHNOLOGIES, INC., US  
[85] 1999-04-27  
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[13] A1  
[51] **Int.Cl. 6B01D 46/30 6B01D 39/02 6B01D 53/26**  
[25] EN  
[54] **APPARATUS AND METHOD FOR REMOVING ENTRAINED LIQUID FROM GAS OR AIR**  
[54] **DISPOSITIF ET PROCEDE SERVANT A SUPPRIMER DU LIQUIDE ENTRAINÉ DEPUIS DU GAZ OU DE L'AIR**  
[72] McKENZIE, Robert J., CA  
[72] PARKER, Ian S., CA  
[71] HYDRO PACIFIC TECHNOLOGIES INC., CA  
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[13] A1  
[51] **Int.Cl. 6C12Q 1/68 6A61K 48/00 6C07H 21/04**  
[25] EN  
[54] **METHODS FOR IDENTIFYING GENES ESSENTIAL TO THE GROWTH OF AN ORGANISM**  
[54] **PROCEDES D'IDENTIFICATION DE GENES INDISPENSABLES A LA CROISSANCE D'UN ORGANISME**  
[72] MOONEY, Jeffrey L., US  
[72] DeBOUCK, Christine Marie, US  
[71] SMITHKLINE BEECHAM CORPORATION, US  
[85] 1999-05-05  
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[13] A1  
[51] **Int.Cl. 6C12N 15/12 6A61K 48/00 6C07K 14/05 6C12N 15/11 6A61K 38/17 6C07K 14/28 6G01N 33/566 6C12Q 1/68**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR INHIBITING INFLAMMATION AND ANGIOGENESIS COMPRISING A MAMMALIAN CD97 ALPHA SUBUNIT**  
[54] **PROCEDE ET COMPOSITIONS POUR INHIBER DES INFLAMMATIONS ET DES ANGIOGENESES COMPRENANT UNE SOUS-UNITE DE CD97 ALPHA DE MAMMIFERES**  
[72] KELLY, Kathleen, US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SEC, US  
[85] 1999-04-12  
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[13] A1  
[51] **Int.Cl. 6B64D 27/02 6B64C 11/46**  
[25] EN  
[54] **THRUST LEVITATION SUSTENTATION PAR POUSSEE**  
[72] VINCENT, Mervin C., US  
[72] SMITH, Boyd E., US  
[71] GRAVIT-E, US  
[85] 1999-04-28  
[86] 1997-11-18 (PCT/US97/21342)  
[87] 1998-05-28 (WO98/22341)  
[30] US (60/031,413) 1996-11-20  
[30] US (60/033,299) 1996-12-10  
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[25] EN  
[54] **HUMAN BREAST TUMOR-SPECIFIC PROTEINS**  
[54] **PROTEINES HUMAINES SPECIFIQUES DE TUMEUR DU SEIN**  
[72] HILLMAN, Jennifer L., US  
[72] GOLI, Surya K., US  
[72] MURRY, Lynn E., US  
[72] AKERBLOM, Ingrid E., US  
[72] HAWKINS, Phillip R., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-04-27  
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[87] 1998-05-22 (WO98/21331)  
[30] US (08/747,547) 1996-11-12

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[13] A1  
[51] **Int.Cl. 6C08G 63/16 6C08L 67/02**  
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[54] **POLYESTERS RAMIFIES**  
[72] KILBARGER, Alan C., US  
[72] O'BRIEN, William L., US  
[71] HENKEL CORPORATION, US  
[85] 1999-04-27  
[86] 1997-10-24 (PCT/US97/18706)  
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[13] A1  
[51] **Int.Cl. 6C07K 7/23 6A61K 38/09**  
[25] EN  
[54] **CONFORMATIONALLY CONSTRAINED LH-RH ANALOGUES, THEIR USES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM**  
[54] **ANALOGUES DE LH-RH CONTRAINTS SUR LE PLAN DE LEUR CONFORMATION, LEURS UTILISATIONS ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**  
[72] PARIS, Jacques, FR  
[72] DELANSORNE, Rémi, FR  
[71] LABORATOIRE THERAMEX, MC  
[85] 1999-04-29  
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[13] A1  
[51] **Int.Cl. 6C12N 15/12 6C07K 14/05**  
[25] EN  
[54] **ENDOTHELIUM SPECIFIC EXPRESSION REGULATED BY EPCR CONTROL ELEMENTS**  
[54] **EXPRESSION SPECIFIQUE DE L'ENDOTHELIUM REGULEE PAR DES ELEMENTS REGULATEURS DU RECEPTEUR EPCR**  
[72] GU, Jian-Ming, US  
[72] ESMON, Charles T., US  
[71] OKLAHOMA MEDICAL RESEARCH FOUNDATION, US  
[85] 1999-04-29  
[86] 1997-11-07 (PCT/US97/20364)  
[87] 1998-05-14 (WO98/20041)  
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[30] US (60/054,533) 1997-08-04

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[13] A1  
[51] **Int.Cl. 6F15B 15/26**  
[25] EN  
[54] **ACTUATOR WITH FAILFIXED ZERO DRIFT**  
[54] **ACTIONNEUR SECURITE INTRINSEQUE PAR MANDRINAGE NUL**  
[72] GIBBONS, Kevin D., US  
[71] UNITED TECHNOLOGIES CORPORATION, US  
[85] 1999-04-27  
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[13] A1  
[51] **Int.Cl. 6E21B 23/00**  
[25] EN  
[54] **DEFORMED MULTIPLE WELL TEMPLATE AND PROCESS OF USE**  
[54] **GABARIT DEFORME POUR FORAGES DE PUITTS MULTIPLES ET PROCEDE D'UTILISATION**  
[72] COLLINS, Gary J., US  
[71] MARATHON OIL COMPANY, US  
[85] 1999-04-27  
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[13] A1  
[51] **Int.Cl. 6G01N 33/569 6G01N 33/543**  
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[54] **DIAGNOSTICS DE L'HELICOBACTER PYLORI**  
[72] QUAN, Stella, US  
[72] POLITO, Alan, US  
[72] VALENZUELA, Pablo, US  
[71] CHIRON CORPORATION, US  
[85] 1999-04-28  
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[13] A1  
[51] **Int.Cl. 6H05H 1/38**  
[25] EN  
[54] **APPARATUS AND METHOD FOR IMPROVED ASSEMBLY CONCENTRICITY IN A PLASMA ARC TORCH**  
[54] **APPAREIL ET PROCEDE PERMETTANT D'AMELIORER LA CONCENTRICITE DES ELEMENTS DANS UNE TORCHE A ARC PLASMIQUE**  
[72] LU, Zhipeng, US  
[72] FREEMAN, Jennifer L., US  
[72] COUCH, Richard W., Jr., US  
[71] HYPERTHERM, INC., US  
[85] 1999-04-27  
[86] 1997-10-15 (PCT/US97/18454)  
[87] 1998-05-07 (WO98/19504)  
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[13] A1

[51] **Int.Cl. 6C08L 51/04 6C08F 279/00 6C08L 25/00**  
[25] EN  
[54] **POLYMERS CONTAINING HIGHLY GRAFTED RUBBERS**  
[54] **POLYMERES CONTENANT DES CAOUTCHOUCS HAUTEMENT GREFFES**  
[72] DEMIRORS, Mehmet, US  
[72] PRIDDY, Duane B., US  
[72] VERAART, Rudi H.E., NL  
[72] HEUVELSLAND, Albert J., NL  
[72] HERMANS, Nicolaas M.A., NL  
[72] SIKKEMA, Kevin D., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 1999-04-27  
[86] 1997-12-18 (PCT/US97/24271)  
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[30] US (60/035,845) 1997-01-24

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[13] A1

[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, Jörg, DE  
[71] ROCHE DIAGNOSTICS GMBH, DE  
[85] 1999-04-30  
[86] 1997-10-15 (PCT/EP97/05660)  
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[13] A1

[51] **Int.Cl. 6C08L 53/00 6C08K 3/34**  
[25] EN  
[54] **POLYOLEFIN RESIN COMPOSITIONS**  
[54] **COMPOSITIONS DE RESINE DE POLYOLEFINE**  
[72] SHIMOMURA, Yozo, JP  
[72] SUZUKI, Hiroshi, JP  
[72] FUKAZAWA, Tooru, JP  
[72] SANPEI, Akihiko, JP  
[71] CHISSO CORPORATION, JP  
[85] 1999-04-27  
[86] 1998-08-27 (PCT/JP98/03815)  
[87] 1999-03-11 (WO99/11708)  
[30] JP (9-247774) 1997-08-28

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[13] A1

[51] **Int.Cl. 6G05B 13/02**  
[25] EN  
[54] **NON LINEAR PREDICTIVE NEURAL CONTROL SYSTEM**  
[54] **SYSTEME NEURONAL DE CONTROLE PREDICTIF NON LINEAIRE**  
[72] ZALDIVAR COMENGENS, José Manuel, IT  
[72] GALVAN LEON, Inés, ES  
[71] COMMUNAUTE EUROPEENNE (CE), LU  
[85] 1999-04-27  
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[13] A1

[51] **Int.Cl. 6B41J 2/175 6B41J 2/18 6B41J 2/185**  
[25] EN  
[54] **INK CARTRIDGE HAVING WASTE INK ABSORBING FUNCTION**  
[54] **CARTOUCHE D'ENCRE POSSEDANT UNE FONCTION D'ABSORPTION D'ENCRE USEE**  
[72] NAKAZAWA, Chiyoishige, JP  
[72] AOKI, Katsuko, JP  
[72] NISHIOKA, Atsushi, JP  
[72] HANAOKA, Yukihiko, JP  
[72] YAMADA, Manabu, JP  
[71] SEIKO EPSON CORPORATION, JP  
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[87] 1999-03-11 (WO99/11462)  
[30] JP (9-232637) 1997-08-28  
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[13] A1

[51] **Int.Cl. 6C03C 17/00 6B32B 17/06 6C03C 17/28 6C03C 17/30**  
[25] EN  
[54] **STRENGTHENING FLAT GLASS BY EDGE COATING**  
[54] **RENFORCEMENT DE VERRE PLAT PAR REVETEMENT DES BORDS**  
[72] CARSON, Stephen W., US  
[72] PAPANU, Victor D., US  
[72] SCHWARTZ, Scott J., US  
[71] ELF ATOCHEM NORTH AMERICA, INC., US  
[85] 1999-04-27  
[86] 1998-09-01 (PCT/US98/18116)  
[87] 1999-03-18 (WO99/12859)  
[30] US (60/058,273) 1997-09-08

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[13] A1

[51] **Int.Cl. 6C07K 2/00**  
[25] EN  
[54] **THERAPEUTIC AND DIAGNOSTIC AGENTS CAPABLE OF MODULATING CELLULAR RESPONSIVENESS TO CYTOKINES**  
[54] **AGENTS THERAPEUTIQUES ET DIAGNOSTIQUES CAPABLES DE MODULER LA RECEPTIVITE CELLULAIRE AUX CYTOKINES**  
[72] VINEY, Elizabeth M., AU  
[72] ALEXANDER, Warren S., AU  
[72] STARR, Robyn, AU  
[72] NICHOLSON, Sandra E., AU  
[72] WILLSON, Tracy A., AU  
[72] METCALF, Donald, AU  
[72] RICHARDSON, Rachael T., AU  
[72] HILTON, Douglas J., AU  
[72] NICOLA, Nicos A., AU  
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[30] AU (PO 3384) 1996-11-01  
[30] AU (PO 5117) 1997-02-14

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[13] A1

[51] **Int.Cl. 6A61N 1/05 6A61N 1/20 6A61N 1/40**  
[25] EN  
[54] **ASYMMETRIC MULTIPLE ELECTRODE SUPPORT STRUCTURES**  
[54] **STRUCTURES ASYMETRIQUES DE SUPPORT D'ELECTRODES MULTIPLES**  
[72] KORDIS, Thomas F., US  
[72] PANESCU, Dorin, US  
[72] WHAYNE, James G., US  
[72] SWANSON, David K., US  
[71] EP TECHNOLOGIES, INC., US  
[85] 1999-04-27  
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[87] 1998-05-07 (WO98/18520)  
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[13] A1  
[51] **Int.Cl. 6C12N 15/15 6C07K 16/38 6G01N 33/577 6C12Q 1/68 6C07K 14/81**  
[25] EN  
[54] **TUMOR-ASSOCIATED KAZAL INHIBITOR WITH PEC-60 HOMOLOGY**  
[54] **INHIBITEUR DE KAZAL ASSOCIE AUX TUMEURS ET HOMOLOGUE DE PEC-60**  
[72] GOLI, Surya K., US  
[72] MURRY, Lynn E., US  
[72] BANDMAN, Olga, US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-05-05  
[86] 1997-11-05 (PCT/US97/20204)  
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[30] US (08/744,670) 1996-11-06

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[13] A1  
[51] **Int.Cl. 6A61K 31/70**  
[25] EN  
[54] **PHARMACEUTICAL COMPOSITIONS CONTAINING LAMIVUDINE AND ZIDOVUDINE**  
[54] **COMPOSITIONS PHARMACEUTIQUES CONTENANT DE LA LAMIVUDINE ET DE LA ZIDOVUDINE**  
[72] FORD, Katherine Jeannette, US  
[72] WOOD, Allen Wayne, US  
[72] GOODSON, Gary Wayne, US  
[71] GLAXO GROUP LIMITED, GB  
[85] 1999-04-27  
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[13] A1  
[51] **Int.Cl. 6A47K 1/00 6A47K 5/122**  
[25] EN  
[54] **DOSING DISPENSER FOR LIQUID SOAP OR THE LIKE**  
[54] **APPAREIL DOSEUR POUR SAVON LIQUIDE OU PRODUIT SIMILAIRE**  
[72] PRITCHARD, Norman Jason, NL  
[72] BUNSCHOTEN, Gerrit Klaas, NL  
[72] BUDSWORTH, Paul, NL  
[71] UNILEVER PLC, GB  
[85] 1999-04-27  
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[30] EP (96203231.4) 1996-11-19

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[13] A1  
[51] **Int.Cl. 6C07K 14/705 6C12P 21/02 6C12N 15/12 6A61K 38/17 6C07K 16/18 6C07K 16/42 6G01N 33/564**  
[25] EN  
[54] **METHYLATED, SMD HOMOLOGOUS PEPTIDES, REACTIVE WITH THE ANTIBODIES FROM SERA OF LIVING BEINGS AFFECTED WITH SYSTEMIC LUPUS ERYTHEMATOSUS**  
[54] **PEPTIDES METHYLES HOMOLOGUES DE SMD REAGISSANT AUX ANTICORPS PROVENANT DE SERUMS D'ETRE VIVANTS ATTEINTS DU LUPUS ERYTHEMATEUX DISSEMINÉ**  
[72] RAYMACKERS, Joseph, BE  
[72] UNION, Ann, BE  
[72] LUHRMANN, Reinhard Georg, DE  
[72] MEHEUS, Lydie, BE  
[71] INNOGENETICS N.V., BE  
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[13] A1  
[51] **Int.Cl. 6A61F 13/00**  
[25] EN  
[54] **TRANSDERMAL ADMINISTRATION OF MENT**  
[54] **ADMINISTRATION TRANSDERMIQUE DE 7.ALPHA.-METHYL-19-NORTESTOSTERONE ("MENT")**  
[72] MOO-YOUNG, Alfred J., US  
[72] TSONG, Yun-Yen, US  
[71] THE POPULATION COUNCIL, INC., US  
[85] 1999-04-27  
[86] 1998-09-17 (PCT/US98/19399)  
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[30] US (60/059,301) 1997-09-17  
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[13] A1  
[51] **Int.Cl. 6C12N 7/01 6C12N 7/00 6C07K 14/02 6C12N 15/36 6C12N 15/54**  
[25] EN  
[54] **VIRAL VARIANTS AND METHODS FOR DETECTING SAME**  
[54] **VARIANTES VIRALES ET LEURS PROCEDES DE DETECTION**  
[72] de MAN, Robert A., NL  
[72] LOCARNINI, Stephen Alister, AU  
[72] BARTHOLOMEUSZ, Angeline Ingrid, AU  
[72] AYE, Thein Thein, AU  
[71] WESTERN HEALTH CARE NETWORK, AU  
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[86] 1997-08-15 (PCT/AU97/00520)  
[87] 1998-05-22 (WO98/21317)  
[30] AU (PO 3519) 1996-11-08

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[13] A1  
[51] **Int.Cl. 6G01N 33/50 6C12N 5/10 6C12N 15/63 6G01N 33/74 6C12N 15/79**  
[25] EN  
[54] **ASSAY AND CELL LINE FOR THE IDENTIFICATION OF GROWTH HORMONE MIMETICS**  
[54] **EPREUVE BIOLOGIQUE ET LIGNEE CELLULAIRE AUX FINS DE L'IDENTIFICATION DE MIMETIQUES D'HORMONE DE CROISSANCE**  
[72] ROSENBLUM, Charles I., US  
[72] VONGSKIERTTIKACHOR, Aurawan, US  
[71] MERCK & CO., INC., US  
[85] 1999-04-27  
[86] 1997-10-27 (PCT/US97/19350)  
[87] 1998-05-07 (WO98/19158)  
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[51] **Int.Cl. 6C12N 9/54 6C11D 3/386**  
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[54] **SUBTILASE VARIANTS AND COMPOSITIONS**  
[54] **VARIANTS DE SUBTILASE ET COMPOSITIONS**  
[72] HANSEN, Peter Kamp, DK  
[72] BAUDITZ, Peter, DK  
[72] VON DER OSTEN, Claus, DK  
[72] ANDERSEN, Carsten, DK  
[72] HALKIER, Torben, DK  
[71] NOVO NORDISK A/S, DK  
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[86] 1997-11-04 (PCT/DK97/00500)  
[87] 1998-05-14 (WO98/20116)  
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[30] DK (1240/96) 1996-11-05  
[30] DK (0284/97) 1997-03-14

[21] **2,270,181**  
[13] A1

[51] **Int.Cl. 6C12P 17/18 6C12N 1/14**  
[25] EN  
[54] **NOVEL PROCESS FOR PREPARING FR900482 AND COMPOUNDS ANALOGOUS THERETO**  
[54] **NOUVEAU PROCEDE DE FABRICATION DE FR900482 ET DE COMPOSES ANALOGUES**  
[72] TSUBOI, Masaru, JP  
[72] HASHIMOTO, Seiji, JP  
[72] YAMASHITA, Michio, JP  
[72] TSURUMI, Yasuhisa, JP  
[72] SHIMIZU, Shiho, JP  
[71] FUJISAWA PHARMACEUTICAL CO., LTD., JP  
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[13] A1

[51] **Int.Cl. 6H04B 7/185 6H04N 7/167 6H04N 7/20**  
[25] EN  
[54] **REAL-TIME INFORMATION DELIVERY SYSTEM FOR AIRCRAFT**  
[54] **SYSTEME DE DISTRIBUTION D'INFORMATIONS EN TEMPS REEL POUR AERONEF**  
[72] SACHDEV, Dharmendra Kumar, US  
[71] WORLDSPACE, INC., US  
[85] 1999-04-28  
[86] 1997-11-06 (PCT/US97/18480)  
[87] 1998-05-22 (WO98/21839)  
[30] US (08/749,457) 1996-11-15

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[13] A1

[51] **Int.Cl. 6C04B 35/56 6C22C 29/08**  
[25] EN  
[54] **METALLIC CARBIDE-GROUP VIII METAL POWDER AND ITS PREPARATION**  
[54] **POUDRE DE CARBURE METALLIQUE ET DE METAL DU GROUPE VIII ET SA PREPARATION**  
[72] ROMANOWSKI, Michael J., US  
[72] DUNMEAD, Stephen D., US  
[71] OMG AMERICAS, INC., US  
[85] 1998-11-27  
[86] 1997-06-04 (PCT/US97/09680)  
[87] 1997-12-11 (WO97/46497)  
[30] US (08/657,988) 1996-06-04

[21] **2,270,184**  
[13] A1

[51] **Int.Cl. 6B62B 7/06**  
[25] EN  
[54] **LIGHTWEIGHT MOTORIZED WHEELCHAIR**  
[54] **FAUTEUIL ROULANT MOTORISE LEGER**  
[72] INGLE, Fred E., US  
[72] CHOI, Oong, US  
[71] WHEELCHAIR CARRIER, INC., US  
[85] 1999-03-15  
[86] 1997-10-13 (PCT/US97/18297)  
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[21] **2,270,185**  
[13] A1

[51] **Int.Cl. 6A61L 27/00**  
[25] EN  
[54] **METHOD OF PREPARING A POORLY CRYSTALLINE CALCIUM PHOSPHATE AND METHODS OF ITS USE**  
[54] **PROCEDE DE PREPARATION DE PHOSPHATE DE CALCIUM PEU CRISTALLIN ET TECHNIQUE D'UTILISATION**  
[72] LEE, Dosuk D., US  
[72] AIOLOVA, Maria, US  
[72] REY, Christian, FR  
[72] TOFIGHI, Aliassghar, US  
[71] ETEX CORPORATION, US  
[85] 1999-04-12  
[86] 1997-10-16 (PCT/US97/18631)  
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[30] US (08/732,016) 1996-10-16  
[30] US (08/729,344) 1996-10-16  
[30] US (08/729,343) 1996-10-16

[21] **2,270,188**  
[13] A1

[51] **Int.Cl. 6H04N 7/30**  
[25] EN  
[54] **VIDEO TRANSMISSION APPARATUS EMPLOYING INTRA-FRAME-ONLY VIDEO COMPRESSION THAT IS MPEG-2 COMPATIBLE**  
[54] **DISPOSITIF DE VIDEOTRANSMISSION UTILISANT LA COMPRESSION VIDEO INTRATRAEME UNIQUEMENT ET COMPATIBLE MPEG-2**  
[72] JEON, Jong-Gu, KR  
[72] KIM, Yong-Je, KR  
[72] SONG, Dong-Il, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1999-04-13  
[86] 1998-08-12 (PCT/KR98/00249)  
[87] 1999-02-25 (WO99/09747)  
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[21] **2,270,189**  
[13] A1

[51] **Int.Cl. 6H04N 7/30**  
[25] EN  
[54] **DIGITAL CAMCORDER APPARATUS WITH MPEG-2-COMPATIBLE VIDEO COMPRESSION**  
[54] **CAMESCOPE NUMERIQUE A COMPRESSION VIDEO COMPATIBLE AVEC MPEG-2**  
[72] KIM, Yong-Je, KR  
[72] JEON, Jong-Gu, KR  
[72] SONG, Dong-Il, KR  
[71] SAMSUNG ELECTRONICS CO., LTD., KR  
[85] 1999-04-13  
[86] 1998-08-12 (PCT/KR98/00250)  
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<p style="text-align: right;">[21] <b>2,270,190</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 7/38</b> [25] EN [54] <b>SYSTEM AND METHOD OF DETECTING AND PREVENTING FRAUDULENT TELEPHONE CALLS IN A RADIO TELECOMMUNICATIONS NETWORK</b> [54] <b>SYSTEME ET PROCEDE DE DETECTION ET DE PREVENTION DES EMISSIONS D'APPELS ILLICITES DANS UN RESEAU DE RADIOTELECOMMUNICATIONS</b> [72] FOTI, George, CA [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-04-19 [86] 1997-10-23 (PCT/SE97/01770) [87] 1998-05-07 (WO98/19489) [30] US (08/736,950) 1996-10-25</p>	<p style="text-align: right;">[21] <b>2,270,193</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B02C 17/14 6B02C 17/10</b> [25] EN [54] <b>MILLING AND PULVERISING APPARATUS AND METHOD</b> [54] <b>APPAREIL ET PROCEDE DE BROYAGE ET DE PULVERISATION</b> [72] DEVEREUX, Ian, NZ [71] ROCKLABS LIMITED, NZ [85] 1999-04-22 [86] 1997-10-21 (PCT/NZ97/00140) [87] 1998-04-30 (WO98/17392) [30] NZ (299629) 1996-10-23</p>	<p style="text-align: right;">[21] <b>2,270,197</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01Q 7/04 6H01Q 1/22 6H01Q 1/38</b> [25] EN [54] <b>ARMOURED MAGNETIC FIELD ANTENNA IN PRINTED CIRCUIT</b> [54] <b>ANTENNE DE CHAMP MAGNETIQUE BLINDEE EN CIRCUIT IMPRIME</b> [72] LAMATA D'ANGELO, Patricia, FR [72] COLLET, Pierre André, FR [72] LE NEVEZ, Yves, FR [72] PORTE, Philippe, FR [71] GEMPLUS S.C.A., FR [85] 1999-04-23 [86] 1997-10-27 (PCT/FR97/01925) [87] 1998-05-07 (WO98/19361) [30] FR (96/13377) 1996-10-25</p>
<p style="text-align: right;">[21] <b>2,270,191</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/28</b> [25] EN [54] <b>METHOD AND APPARATUS FOR AUTOMATED LANGUAGE TRANSLATION</b> [54] <b>PROCEDE ET APPAREIL DE TRADUCTION AUTOMATIQUE</b> [72] CHRISTY, Sam, US [71] WORDSTREAM INC., US [85] 1999-04-29 [86] 1997-10-28 (PCT/US97/19428) [87] 1998-05-07 (WO98/19254) [30] US (08/740,654) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,195</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 35/78</b> [25] EN [54] <b>PHARMACEUTICAL COMPOSITION FOR TREATMENT OF DIABETES</b> [54] <b>COMPOSITION PHARMACEUTIQUE SERVANT A TRAITER LE DIABETE</b> [72] KWAK, Kyung Eun, KR [72] LEE, Song Deuk, KR [72] LEE, Jung Sik, KR [72] KONG, Chung San, CN [71] SAM CHUN DANG PHARM. CO., LTD., KR [85] 1999-04-22 [86] 1997-10-21 (PCT/KR97/00197) [87] 1998-05-14 (WO98/19688) [30] KR (1996/51572) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,199</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/461</b> [25] EN [54] <b>ELECTROLYTIC CELL AND ELECTROLYZED WATER GENERATING DEVICE</b> [54] <b>CELLULE ELECTROLYTIQUE ET DISPOSITIF DE PRODUCTION D'EAU ELECTROLYSEE</b> [72] NATOH, Tatsuya, JP [72] SATOH, Fumitake, JP [72] ARAI, Kazuyoshi, JP [72] YANAGIHARA, Tomoyuki, JP [71] MIZ CO., LTD., JP [85] 1999-04-23 [86] 1998-05-27 (PCT/JP98/02324) [87] 1999-03-04 (WO99/10286) [30] JP (9-246,060) 1997-08-27</p>
<p style="text-align: right;">[21] <b>2,270,192</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03L 7/093 6H04J 3/06</b> [25] EN [54] <b>APPARATUS AND ASSOCIATED METHOD FOR CALIBRATING A DEVICE</b> [54] <b>APPAREIL ET PROCEDE ASSOCIE DESTINES A ETALONNER UN APPAREIL</b> [72] LINDSKOG, Mats Kristian, SE [72] OSTERLING, Jacob Kristian, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-04-21 [86] 1997-10-10 (PCT/SE97/01704) [87] 1998-04-30 (WO98/18206) [30] US (60/029,566) 1996-10-22 [30] US (08/821,114) 1997-03-20</p>	<p style="text-align: right;">[21] <b>2,270,196</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 21/28 6C06B 29/08 6C06B 45/10</b> [25] EN [54] <b>AUTOIGNITION PROPELLANT CONTAINING SUPERFINE IRON OXIDE AND METHOD OF LOWERING THE AUTOIGNITION TEMPERATURE OF AN IGNITER</b> [54] <b>AGENT PROPULSIF POUR AUTO-INFLAMMATION CONTENANT DE L'OXYDE DE FER SUPER FIN ET PROCEDE D'ABAISSEMENT DE LA TEMPERATURE D'AUTO-INFLAMMATION D'UN DISPOSITIF D'ALLUMAGE</b> [72] WHEATLEY, Brian K., US [71] ATLANTIC RESEARCH CORPORATION, US [85] 1999-04-22 [86] 1997-10-15 (PCT/US97/17988) [87] 1998-05-07 (WO98/18661) [30] US (08/740,531) 1996-10-30</p>	

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<p style="text-align: center;">[21] <b>2,270,200</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F21L 7/00 6F21L 9/00 6F21L 11/00</b> [25] EN [54] <b>A PORTABLE LIGHTING PRODUCT, A PORTABLE LIGHTING PRODUCT CIRCUIT AND A FUNCTIONING METHOD FOR A PORTABLE LIGHTING PRODUCT CIRCUIT</b> [54] <b>ARTICLE D'ECLAIRAGE PORTABLE, CIRCUIT POUR ARTICLE D'ECLAIRAGE PORTABLE ET PROCEDE DE FONCTIONNEMENT DE CE CIRCUIT D'ARTICLE D'ECLAIRAGE PORTABLE</b> [72] DALTON, David Richard, AU [71] EVEREADY BATTERY COMPANY, INC., US [85] 1999-04-26 [86] 1997-11-04 (PCT/AU97/00743) [87] 1998-05-14 (WO98/20276) [30] AU (70634/96) 1996-11-05</p>	<p style="text-align: center;">[21] <b>2,270,203</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/01 6A61K 31/195 6A23L 1/305</b> [25] EN [54] <b>AGENT FOR THE METABOLIC TREATMENT OF MULTIPLE SCLEROSIS</b> [54] <b>AGENT POUR LE TRAITEMENT METABOLIQUE DE LA SCLEROSE EN PLAQUES</b> [72] WASICKI, Peter, DE [72] WESTPHAL, Gunther, DE [72] KLUGE, Ralf, DE [71] WASICKI, Peter, DE [71] KLUGE, Ralf, DE [85] 1999-04-26 [86] 1996-11-18 (PCT/DE96/02228) [87] 1998-05-28 (WO98/22123)</p>	<p style="text-align: center;">[21] <b>2,270,207</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 11/14</b> [25] EN [54] <b>SLUDGE DEWATERING CONTROL SYSTEM</b> [54] <b>PROCEDE DE CONTROLE DE LA DESHYDRATATION D'UNE BOUE</b> [72] WUKASCH, Ronald F., US [72] AMAL, Rose, AU [72] GUAN, Jing, AU [72] BUSTAMANTE, Heriberto Alejandro, AU [72] WAITE, David, AU [71] UNISEARCH LIMITED, AU [85] 1999-04-28 [86] 1997-10-29 (PCT/AU97/00723) [87] 1998-05-07 (WO98/18730) [30] AU (PO 3285) 1996-10-29</p>
<p style="text-align: center;">[21] <b>2,270,202</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 1/36</b> [25] EN [54] <b>METHOD AND APPARATUS FOR COLLECTING HYPERCONCENTRATED PLATELETS</b> [54] <b>PROCEDE ET APPAREIL PERMETTANT DE COLLECTER DES PLAQUETTES HYPERCONCENTREES</b> [72] DUMONT, Larry Joe, US [72] VANWAEG, Geert, BE [72] TAYLOR, Linda A., US [71] COBE LABORATORIES, INC., US [85] 1999-04-26 [86] 1998-09-02 (PCT/US98/18254) [87] 1999-03-18 (WO99/12590) [30] US (08/924,787) 1997-09-05</p>	<p style="text-align: center;">[21] <b>2,270,205</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A21D 13/00 6A23L 1/10</b> [25] EN [54] <b>DIETARY MAIZE TORTILLA, AND PRODUCTION METHOD</b> [54] <b>TORTILLA DIETETIQUE DE MAIS ET SON PROCEDE DE PRODUCTION</b> [72] SANCHEZ Y DE LA CAMARA, Felipe Alberto, MX [71] SANCHEZ Y DE LA CAMARA, Felipe Alberto, MX [85] 1999-04-28 [86] 1997-08-22 (PCT/MX97/00023) [87] 1998-05-07 (WO98/18331) [30] MX (965229) 1996-10-30</p>	<p style="text-align: center;">[21] <b>2,270,208</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08G 59/42 6C08L 63/00</b> [25] EN [54] <b>COPOLYMER OF STYRENE AND MALEIC ANHYDRIDE COMPRISING AN EPOXY RESIN COMPOSITION AND A CO-CROSS-LINKING AGENT</b> [54] <b>COPOLYMER DE STYRENE ET D'ANHYDRIDE MALEIQUE COMPRENANT UNE COMPOSITION DE RESINE EPOXYDE ET UN AGENT DE CO-RETICULATION</b> [72] TIKART, Franz, DE [72] KOPP, Karl Walter, DE [72] LEIS, Karl-Heinz, DE [71] AKZO NOBEL N.V., NL [85] 1999-04-28 [86] 1997-09-24 (PCT/EP97/05308) [87] 1998-05-07 (WO98/18845) [30] EP (96203016.9) 1996-10-29</p>
<p style="text-align: center;">[21] <b>2,270,206</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61N 1/362</b> [25] EN [54] <b>CARDIAC RECOVERY</b> [54] <b>RECUPERATION CARDIAQUE</b> [72] MILSOM, Frederick Paget, NZ [71] MILSOM, Frederick Paget, NZ [85] 1999-04-28 [86] 1997-11-04 (PCT/NZ97/00150) [87] 1998-05-14 (WO98/19736) [30] NZ (299694) 1996-11-04</p>	<p style="text-align: center;">[21] <b>2,270,209</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60K 6/00</b> [25] EN [54] <b>AUXILIARY MOTOR DRIVE SYSTEM</b> [54] <b>SYSTEME D'ENTRAINEMENT DE MOTEUR AUXILIAIRE</b> [72] MITCHELL, Herman R., US [71] MITCHELL, Herman R., US [85] 1999-04-28 [86] 1997-07-08 (PCT/US97/11851) [87] 1998-05-07 (WO98/18644) [30] US (08/742,209) 1996-10-31</p>	



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,270,210</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B05B 11/00</b> [25] EN [54] <b>CONCENTRATED REDUCED DOSAGE SPRAY PUMP DELIVERY SYSTEM</b> [54] <b>SYSTEME DISTRIBUTEUR DOTE D'UNE POMPE DE VAPORISATION DE DOSES REDUITES D'UN CONCENTRE</b> [72] LUND, Mark Thomas, US [72] PEFFLY, Marjorie Mossman, US [72] HERSHEY, Donald Emerson, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-04-29 [86] 1997-10-08 (PCT/US97/15849) [87] 1998-05-07 (WO98/18564) [30] US (08/741,246) 1996-10-30</p>	<p style="text-align: right;">[21] <b>2,270,212</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 17/032</b> [25] EN [54] <b>SYSTEM FOR DRAINING A LIQUID STORAGE TANK</b> [54] <b>SYSTEME DE VIDANGE POUR CUVE DE STOCKAGE</b> [72] FRANCISCO, Edu Correia, BR [72] DA SILVA, Claudio Camilo, BR [72] MARINHO, Artur Rogério Monteiro, BR [72] SCHILLING, Antonio Jorge Leitao, BR [72] WITTER, Aldyr (deceased), BR [71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR [85] 1999-04-28 [86] 1997-09-18 (PCT/BR97/00050) [87] 1998-06-04 (WO98/23352) [30] BR (PI 9605709-2) 1996-11-26</p>	<p style="text-align: right;">[21] <b>2,270,215</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65B 41/02</b> [25] EN [54] <b>CARTON BLANK TRANSPORT APPARATUS</b> [54] <b>APPAREIL POUR LE TRANSPORT D'EBAUCHES DE CARTONS</b> [72] JÄNEN, Johannes, DE [71] RIVERWOOD INTERNATIONAL CORPORATION, US [85] 1999-04-28 [86] 1997-10-29 (PCT/GB97/02977) [87] 1998-05-07 (WO98/18677) [30] GB (9622710.3) 1996-10-31</p>
<p style="text-align: right;">[21] <b>2,270,211</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12P 19/30</b> [25] EN [54] <b>PROCESS FOR PRODUCING URIDINE DIPHOSPHATE-N-ACETYLGLUCOSAMINE</b> [54] <b>PROCEDE DE PRODUCTION D'URIDINE DIPHOSPHATE-N-ACETYLGLUCOSAMINE</b> [72] MIDORIKAWA, Yuichiro, JP [72] ISHIGE, Kazuya, JP [72] NOGUCHI, Toshitada, JP [72] TAKENOUCHI, Kenji, JP [72] HAMAMOTO, Tomoki, JP [72] OKUYAMA, Kiyoshi, JP [71] YAMASA CORPORATION, JP [85] 1999-04-29 [86] 1998-08-11 (PCT/JP98/03561) [87] 1999-03-11 (WO99/11810) [30] JP (9/249461) 1997-08-29</p>	<p style="text-align: right;">[21] <b>2,270,213</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/16 6H04M 1/02</b> [25] EN [54] <b>HAND-HELD COMPUTER AND COMMUNICATIONS APPARATUS</b> [54] <b>APPAREIL DE POCHE COMPOSE D'UNE UNITE COMMUNICATION ET D'UN ORDINATEUR</b> [72] RIDDIFORD, Martin Philip, GB [71] THEREFORE LIMITED, GB [85] 1999-04-28 [86] 1997-10-28 (PCT/GB97/02950) [87] 1998-05-07 (WO98/19226) [30] GB (9622349.0) 1996-10-28</p>	<p style="text-align: right;">[21] <b>2,270,216</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 53/04 6B01D 53/047 6B01D 53/26</b> [25] EN [54] <b>ADSORPTION DRYING UNIT, AND PROCESS AND DEVICE FOR CHECKING THE OPERATING STATE OF SAME</b> [54] <b>INSTALLATION DE SECHAGE PAR ADSORPTION; PROCEDE ET DISPOSITIF DE VERIFICATION DE L'ETAT DE MARCHE</b> [72] PATZIG, Dieter, DE [72] EIMER, Klaus, DE [72] BEHRENDT, Matthias, DE [72] SCHUSTER, Hans-Michael, DE [71] ULTRAFILTER GMBH, DE [85] 1999-04-29 [86] 1997-10-29 (PCT/EP97/05965) [87] 1998-05-07 (WO98/18538) [30] DE (196 45 007.1) 1996-10-31 [30] DE (197 10 305.7) 1997-02-28</p>
<p style="text-align: right;">[21] <b>2,270,214</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 53/26 6B01D 53/04 6B65B 1/08</b> [25] EN [54] <b>CONTAINER OF A DRYING UNIT INVOLVING AN ADSORBENT</b> [54] <b>RECIPIENT D'UNE INSTALLATION DE SECHAGE PAR UN AGENT D'ADSORPTION</b> [72] SCHUSTER, Hans-Michael, DE [72] EIMER, Klaus, DE [72] MITTELSTÄDT, Dirk, DE [71] ULTRAFILTER GMBH, DE [85] 1999-04-29 [86] 1997-10-29 (PCT/EP97/05966) [87] 1998-05-07 (WO98/18541) [30] DE (196 45 009.8) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,214</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 53/26 6B01D 53/04 6B65B 1/08</b> [25] EN [54] <b>CONTAINER OF A DRYING UNIT INVOLVING AN ADSORBENT</b> [54] <b>RECIPIENT D'UNE INSTALLATION DE SECHAGE PAR UN AGENT D'ADSORPTION</b> [72] SCHUSTER, Hans-Michael, DE [72] EIMER, Klaus, DE [72] MITTELSTÄDT, Dirk, DE [71] ULTRAFILTER GMBH, DE [85] 1999-04-29 [86] 1997-10-29 (PCT/EP97/05966) [87] 1998-05-07 (WO98/18541) [30] DE (196 45 009.8) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,217</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 19/00 6H04N 1/41</b> [25] EN [54] <b>DATA DISTRIBUTION SYSTEM</b> [54] <b>SYSTEME DE DISTRIBUTION DE DONNEES</b> [72] REICHMAN, Yosef, IL [72] BAR-SELA, Ran, IL [72] MARGOLIN, Jacob, IL [72] BENJAMIN, Menashe, IL [72] ELAD, Michael, IL [71] ALGOTEC SYSTEMS LTD., IL [85] 1999-04-28 [86] 1997-10-29 (PCT/IL97/00349) [87] 1998-05-07 (WO98/19263) [30] IL (119523) 1996-10-30</p>

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[21] **2,270,218**  
[13] A1  
[51] **Int.Cl. 6C10L 1/14 6C10L 10/00 6C10L 10/02 6C10G 75/04 6E21B 37/06**  
[25] EN  
[54] **HEAVY OILS WITH IMPROVED PROPERTIES AND AN ADDITIVE FOR THE SAME**  
[54] **HUILES LOURDES A PROPRIETES AMELIOREES ET ADDITIF POUR DE TELLES HUILES**  
[72] BYSTROM, Hakan, DE  
[72] FEUSTEL, Michael, DE  
[72] RICHARDS, Geoffrey, DE  
[72] HERTEL, Günther, DE  
[71] BYCOSIN AKTIEBOLAG, SE  
[71] CLARIANT GMBH, DE  
[85] 1999-04-29  
[86] 1997-10-21 (PCT/EP97/05793)  
[87] 1998-05-07 (WO98/18885)  
[30] DE ( 196 43 832.2) 1996-10-30

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[21] **2,270,219**  
[13] A1  
[51] **Int.Cl. 6B66B 7/02**  
[25] EN  
[54] **ELEVATOR GUIDE RAIL**  
[54] **RAIL DE GUIDAGE DE MONTE-CHARGE**  
[72] ITO, Hideki, JP  
[72] MOTOMURA, Kazuhiko, JP  
[71] OTIS ELEVATOR COMPANY, US  
[85] 1999-04-28  
[86] 1997-10-31 (PCT/US97/19905)  
[87] 1998-05-07 (WO98/18709)  
[30] JP (8/290077) 1996-10-31

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[21] **2,270,220**  
[13] A1  
[51] **Int.Cl. 6C08F 6/00 6C08F 8/04**  
[25] EN  
[54] **ADHESIVES WITH LOW LEVEL OF RESIDUAL MONOMERS AND PROCESS FOR MANUFACTURING SAME**  
[54] **ADHESIFS POSSEDANT UNE FAIBLE TENEUR EN MONOMERES RESIDUELS ET PROCEDE DE FABRICATION DE CES DERNIERS**  
[72] HILLE, Thomas, DE  
[72] FOREMAN, Paul B., US  
[72] BURKERT, James, US  
[72] PETERSEN, Paul M., US  
[71] LTS LOHMANN THERAPIE-SYSTEME GMBH, DE  
[71] NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION, US  
[85] 1999-04-29  
[86] 1997-10-14 (PCT/US97/18622)  
[87] 1998-05-07 (WO98/18829)  
[30] DE (196 43 959.0) 1996-10-31  
[30] US (08/928,313) 1997-09-12

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[21] **2,270,221**  
[13] A1  
[51] **Int.Cl. 6A01K 85/00**  
[25] EN  
[54] **LURE**  
[54] **APPAT**  
[72] YOSHIDA, Gentaro, JP  
[71] JAPAN ARTIFICIAL BAIT CO., LTD., JP  
[85] 1999-04-28  
[86] 1997-09-12 (PCT/JP97/03243)  
[87] 1998-05-14 (WO98/19524)  
[30] JP (8/11176 U) 1996-11-01

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[21] **2,270,222**  
[13] A1  
[51] **Int.Cl. 6G01N 33/04 6G01N 33/02 6G01N 21/09 6G01N 21/35**  
[25] EN  
[54] **A METHOD AND FLOW SYSTEM FOR SPECTROMETRY AND A CUVETTE FOR THE FLOW SYSTEM**  
[54] **PROCEDE ET SYSTEME A COURANT POUR SPECTROMETRIE, ET CUVETTE POUR LEDIT SYSTEME A COURANT**  
[72] THOMSEN, Henrik, DK  
[72] PEDERSEN, Soren Christian, DK  
[72] RIDDER, Carsten, DK  
[72] FRANDBSEN, Andreas Skaerlund, DK  
[71] FOSS ELECTRIC A/S, DK  
[85] 1999-04-29  
[86] 1997-10-31 (PCT/DK97/00492)  
[87] 1998-05-14 (WO98/20338)  
[30] DK (1221/96) 1996-11-01

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[21] **2,270,223**  
[13] A1  
[51] **Int.Cl. 6A61K 47/00**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR DIETARY SUPPLEMENTATION**  
[54] **PROCEDES ET COMPOSITIONS POUR LA COMPLEMENTATION ALIMENTAIRE**  
[72] BURGSTINER, Carson B. (deceased), US  
[71] BURGSTINER, Jacqueline Cook, US  
[85] 1999-04-28  
[86] 1997-10-28 (PCT/US97/19564)  
[87] 1998-05-07 (WO98/18491)  
[30] US (60/029,403) 1996-10-28

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[21] **2,270,224**  
[13] A1  
[51] **Int.Cl. 6E21B 31/113**  
[25] EN  
[54] **IMPACT TOOL**  
[54] **PERCUTEUR**  
[72] BAKKE, Stig, NO  
[71] BAKKE OIL TOOLS AS, NO  
[85] 1999-04-29  
[86] 1997-10-27 (PCT/NO97/00281)  
[87] 1998-05-07 (WO98/19041)  
[30] NO (964600) 1996-10-30

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[21] **2,270,225**  
[13] A1

[51] **Int.Cl. 6C21B 13/00 6C21B 5/02**  
[25] EN  
[54] **PROCESS FOR RETURNING FINELY DISPERSED SOLIDS DISCHARGED WITH A CARRIER GAS FROM A REACTOR VESSEL**  
[54] **PROCEDE DE RETOUR D'UNE MATIERE SOLIDE FINEMENT DISPERSEE DECHARGEE AVEC UN GAZ PORTEUR DU CONTENEUR D'UN REACTEUR**  
[72] KASTNER, Rainer Walter, AT  
[72] HECKMANN, Hado, DE  
[72] SCHENK, Johannes, AT  
[72] MAYR, Herbert, AT  
[72] STOCKINGER, Josef, AT  
[72] WIEDER, Kurt, AT  
[72] LASSNIG, Herbert, AT  
[71] DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, DE  
[85] 1999-04-29  
[86] 1997-10-24 (PCT/EP97/05874)  
[87] 1998-05-07 (WO98/18969)  
[30] AT (A 1899/96) 1996-10-30

[21] **2,270,226**  
[13] A1

[51] **Int.Cl. 6H01M 4/60**  
[25] EN  
[54] **AN ELECTROCHEMICAL STORAGE CELL CONTAINING AT LEAST ONE ELECTRODE FORMULATED FROM A FLUOROPHENYL THIOPHENE POLYMER**  
[54] **CELLULE D'ACCUMULATEUR ELECTROCHIMIQUE COMPORTANT AU MOINS UNE ELECTRODE A BASE D'UN POLYMER DE FLUOROPHENYL-THIOPHENE**  
[72] SARKER, Haripada, US  
[72] GOFER, Yossef, US  
[72] GIACCAI, Jennifer, US  
[72] POEHLER, Theodore O., US  
[72] KILLIAN, Jeffrey G., US  
[72] SEARSON, Peter C., US  
[71] THE JOHNS-HOPKINS UNIVERSITY, US  
[85] 1999-04-28  
[86] 1997-10-27 (PCT/US97/18982)  
[87] 1998-05-07 (WO98/19355)  
[30] US (08/741,015) 1996-10-30

[21] **2,270,227**  
[13] A1

[51] **Int.Cl. 6A61K 39/395 6C07H 19/00 6C07H 21/00 6A61K 51/00 6C07H 21/02 6C07H 21/04 6G01N 33/53 6C12Q 1/68**  
[25] EN  
[54] **DETECTION OF ANTIGENS VIA OLIGONUCLEOTIDE ANTIBODY CONJUGATES**  
[54] **DETECTION D'ANTIGENES PAR LE BIAIS DE CONJUGUES ANTICORPS - OLIGONUCLEOTIDES**  
[72] NILSEN, Thor W., US  
[71] POLYPROBE, INC., US  
[85] 1999-04-29  
[86] 1997-10-22 (PCT/US97/19093)  
[87] 1998-05-07 (WO98/18488)  
[30] US (08/738,641) 1996-10-29

[21] **2,270,228**  
[13] A1

[51] **Int.Cl. 6G01B 9/02 6G01C 1/00 6G01B 11/24**  
[25] EN  
[54] **LASER MEASUREMENT SYSTEM FOR RAPID CALIBRATION OF MACHINE TOOLS**  
[54] **SYSTEME DE MESURE LASER POUR ETALONNAGE RAPIDE DE MACHINES-OUTILS**  
[72] HUANG, Peisen S., US  
[71] THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK, US  
[85] 1999-04-28  
[86] 1997-11-07 (PCT/US97/20530)  
[87] 1998-05-14 (WO98/20300)  
[30] US (08/745,607) 1996-11-08

[21] **2,270,229**  
[13] A1

[51] **Int.Cl. 6C08F 218/08 6C07C 409/00 6C08F 14/06**  
[25] EN  
[54] **PROCESS TO MAKE INITIATOR COMPOSITIONS COMPRISING POLYVINYL ALCOHOL AND SURFACTANT**  
[54] **PROCEDE DE FABRICATION DE COMPOSITIONS D'INITIATEURS CONTENANT DE L'ALCOOL POLYVINYLIQUE ET UN TENSIO-ACTIF**  
[72] MALTHA, Annemarieke, NL  
[72] WESTMIJZE, Hans, NL  
[72] ALFERINK, Petrus Johannes Theodorus, NL  
[72] O. Boen Ho, NL  
[71] AKZO NOBEL N.V., NL  
[85] 1999-04-29  
[86] 1997-10-21 (PCT/EP97/05919)  
[87] 1998-05-07 (WO98/18835)  
[30] EP (96203017.7) 1996-10-30

[21] **2,270,230**  
[13] A1

[51] **Int.Cl. 6C08L 77/02 6C08J 3/09 6C08G 69/16 6C08G 69/18**  
[25] EN  
[54] **PROCESS FOR PREPARING COMPOSITIONS BASED ON THERMOPLASTIC POLYMERS AND POLYAMIDES**  
[54] **PROCEDE DE PREPARATION DE COMPOSITIONS A BASE DE POLYMERES THERMOPLASTIQUES ET DE POLYAMIDES**  
[72] WEBER, Martin, DE  
[72] PIPPER, Gunter, DE  
[72] FISCH, Herbert, DE  
[71] BASF AKTIENGESELLSCHAFT, DE  
[85] 1999-04-29  
[86] 1997-10-21 (PCT/EP97/05795)  
[87] 1998-05-14 (WO98/20074)  
[30] DE (196 45 131.0) 1996-11-04

## Demandes PCT entrant en phase nationale

[21] **2,270,231**  
[13] A1

[51] **Int.Cl. 6H04M 11/04 6H04M 11/00 6H04Q 7/00 6H04Q 9/00 6G08C 15/06 6G08C 19/20 6G08C 19/22 6G06F 17/50 6G06G 7/62**

[25] EN  
[54] **TELECOMMUNICATIONS INTERFACE AND ASSOCIATED METHOD FOR COLLECTING AND TRANSMITTING DATA**

[54] **INTERFACE DE TELECOMMUNICATIONS ET PROCEDE ASSOCIE DE COLLECTE ET DE TRANSMISSION DE DONNEES**

[72] HINZE, Robert L., US  
[72] TRACY, Michael J., US  
[71] TRACY CORPORATION II, US  
[85] 1999-04-28  
[86] 1997-10-28 (PCT/US97/19406)  
[87] 1998-05-07 (WO98/19447)  
[30] US (08/740,361) 1996-10-28  
[30] US (08/920,085) 1997-08-26

[21] **2,270,233**  
[13] A1

[51] **Int.Cl. 6G01N 33/542**

[25] EN  
[54] **FLUORESCENCE POLARIZATION METHOD**

[54] **PROCEDE DE POLARISATION DE FLUORESCENCE**

[72] NAKAYAMA, Hiroshi, JP  
[72] MIYAZAKI, Jinsei, JP  
[71] MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., JP  
[85] 1999-04-29  
[86] 1998-09-04 (PCT/JP98/03988)  
[87] 1999-03-18 (WO99/13332)  
[30] JP (9-240672) 1997-09-05

[21] **2,270,234**  
[13] A1

[51] **Int.Cl. 6C08L 3/00 6C08L 3/10**

[25] EN  
[54] **PLASTIC COMPOSITION**

[54] **COMPOSITION DE PLASTIQUE**

[72] CRAWFORD, Mark A., US  
[72] LEE, Victor, US  
[72] WYKOFF, Ed, US  
[71] GRIFFIN CORPORATION, US  
[71] ICC INDUSTRIES, INC., US  
[85] 1999-04-28  
[86] 1997-11-07 (PCT/US97/20209)  
[87] 1998-05-14 (WO98/20066)  
[30] US (60/030,765) 1996-11-08

[21] **2,270,235**  
[13] A1

[51] **Int.Cl. 6A61B 17/36**

[25] EN  
[54] **MULTI-ELECTRODE ABLATION CATHETER**

[54] **CATHETER D'ABLATION A PLUSIEURS ELECTRODES**

[72] WEBSTER, Wilton W., Jr., US  
[71] CORDIS WEBSTER, INC., US  
[85] 1999-04-29  
[86] 1997-10-31 (PCT/US97/19867)  
[87] 1998-05-14 (WO98/19611)  
[30] US (08/742,352) 1996-11-01

[21] **2,270,236**  
[13] A1

[51] **Int.Cl. 6E21B 33/129 6E21B 17/00 6E21B 33/12**

[25] EN  
[54] **COMMUNICATION CONDUIT IN A WELL TOOL**

[54] **CONDUIT DE COMMUNICATION DANS UN OUTIL DE Puits**

[72] PRINGLE, Ronald E., US  
[72] MORRIS, Arthur J., US  
[71] CAMCO INTERNATIONAL, INC., US  
[85] 1999-04-28  
[86] 1997-11-14 (PCT/US97/20947)  
[87] 1998-05-22 (WO98/21445)  
[30] US (60/030,918) 1996-11-14

[21] **2,270,238**  
[13] A1

[51] **Int.Cl. 6B29C 45/64**

[25] EN  
[54] **HIGH SPEED LOCKING CLAMP**

[54] **DISPOSITIF DE SERRAGE RAPIDE**

[72] SCHAD, Robert D., CA  
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA  
[85] 1999-04-29  
[86] 1997-10-29 (PCT/US97/19507)  
[87] 1998-05-14 (WO98/19850)  
[30] US (08/743,719) 1996-11-06

[21] **2,270,239**  
[13] A1

[51] **Int.Cl. 6C08F 10/00**

[25] EN  
[54] **COMPONENTS AND CATALYSTS FOR THE POLYMERIZATION OF OLEFINS**

[54] **CONSTITUANTS ET CATALYSEURS POUR LA POLYMERISATION D'OLEFINES**

[72] MORINI, Giampiero, IT  
[72] BALBONTIN, Giulio, IT  
[72] GULEVICH, Yuri V., US  
[71] MONTELL TECHNOLOGY COMPANY B.V., NL  
[85] 1999-04-28  
[86] 1998-08-14 (PCT/EP98/05160)  
[87] 1999-03-11 (WO99/11677)  
[30] EP (97202707.2) 1997-09-03

[21] **2,270,240**  
[13] A1

[51] **Int.Cl. 6B26B 21/00**

[25] EN  
[54] **HAIR SHAVING DEVICE WITH U-SHAPED RAZOR BLADE STRIP**

[54] **DISPOSITIF DE COUPE DE POIL AVEC BANDE LAME DE RASOIR EN FORME DE U**

[72] ANDREWS, Edward A., US  
[71] ANDREWS, Edward A., US  
[85] 1999-04-28  
[86] 1997-10-28 (PCT/US97/19413)  
[87] 1998-05-07 (WO98/18604)  
[30] US (08/739,364) 1996-10-28

[21] **2,270,242**  
[13] A1

[51] **Int.Cl. 6A61K 51/04**

[25] EN  
[54] **PROCESS FOR THE PREPARATION OF RADIOPHARMACEUTICALS**

[54] **PROCEDE DE PREPARATION DE PRODUITS RADIOPHARMACEUTIQUES**

[72] ABEYSEKERA, Brian Fredrick, CA  
[72] PIROTTE, Robert Jean Marie Denis, BE  
[72] NOWOTNIK, David Peter, US  
[71] GUILFORD PHARMACEUTICALS INC., US  
[85] 1999-04-28  
[86] 1997-10-28 (PCT/US97/19492)  
[87] 1998-05-07 (WO98/18499)  
[30] US (08/739,381) 1996-10-29

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[21] **2,270,243**  
[13] A1

[51] **Int.Cl. 6C08F 10/00 6C07F 15/02 6C07F 15/06 6C07D 213/53**  
[25] EN  
[54] **POLYMERIZATION OF ETHYLENE WITH SPECIFIC IRON OR COBALT COMPLEXES, NOVEL PYRIDINEBIS(IMINES) AND NOVEL COMPLEXES OF PYRIDINEBIS(IMINES) WITH IRON AND COBALT**  
[54] **POLYMERISATION DE L'ETHYLENE A L'AIDE DE COMPLEXES SPECIFIQUES CONTENANT DU FER OU DU COBALT, NOUVELLES PYRIDINEBIS(IMINES) ET NOUVEAUX COMPLEXES DE PYRIDINEBIS(IMINES) AVEC DU FER ET DU COBALT**  
[72] BENNETT, Alison Margaret Anne, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-04-28  
[86] 1997-12-16 (PCT/US97/23556)  
[87] 1998-06-25 (WO98/27124)  
[30] US (60/033,656) 1996-12-17

[21] **2,270,245**  
[13] A1

[51] **Int.Cl. 6C07D 335/06 6C07D 317/00 6C07D 335/00 6C07D 409/06 6C07D 495/10 6A01N 43/18 6A01N 43/56 6A01N 43/90**  
[25] EN  
[54] **SUBSTITUTED BENZOTHIOPYRANES SALTS AND THEIR USE AS HERBICIDES**  
[54] **SELS DE BENZOTHIOPYRANES SUBSTITUES ET LEUR UTILISATION COMME HERBICIDE**  
[72] TSENG, Chi-Ping, US  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-04-28  
[86] 1997-12-17 (PCT/US97/23469)  
[87] 1998-07-02 (WO98/28291)  
[30] US (60/033,895) 1996-12-20  
[30] US (60/058,647) 1997-09-11

[21] **2,270,246**  
[13] A1

[51] **Int.Cl. 6A61B 3/032 6G06T 11/20 6G09G 5/28**  
[25] EN  
[54] **VISUAL ACUITY TESTER**  
[54] **VERIFICATEUR D'ACUITE VISUELLE**  
[72] STARR, John Donal, US  
[72] TOLKSDORF, Kurt Paul, US  
[72] WALTUCK, Morey Herbert, US  
[72] McKNIGHT, Robert Nelson, US  
[71] MENTOR CORPORATION, US  
[85] 1999-04-28  
[86] 1997-10-23 (PCT/US97/19187)  
[87] 1998-05-07 (WO98/18381)  
[30] US (08/741,276) 1996-10-30

[21] **2,270,247**  
[13] A1

[51] **Int.Cl. 6G02B 5/32**  
[25] EN  
[54] **OPTICAL SYSTEM FOR ALTERNATIVE OR SIMULTANEOUS DIRECTION OF LIGHT ORIGINATING FROM TWO SCENES TO THE EYE OF A VIEWER**  
[54] **SYSTEME OPTIQUE PERMETTANT D'ENVOYER ALTERNATIVEMENT OU SIMULTANEMENT VERS L'OEIL D'UN OBSERVATEUR LA LUMIERE VENANT DE DEUX SCENES**  
[72] BEN-YEHUDA, Yariv, IL  
[72] DAVID, Yair, IL  
[71] BEN-YEHUDA, Yariv, IL  
[71] DAVID, Yair, IL  
[85] 1999-04-28  
[86] 1997-11-10 (PCT/US97/20234)  
[87] 1998-05-22 (WO98/21612)  
[30] US (08/746,526) 1996-11-12  
[30] US (08/753,126) 1996-11-20

[21] **2,270,249**  
[13] A1

[51] **Int.Cl. 6G02C 7/04**  
[25] EN  
[54] **MULTIFOCAL CORNEAL CONTACT LENS PAIR**  
[54] **PAIRE DE LENTILLES DE CONTACT CORNEENNES MULTIFOCALES**  
[72] POSTER, Maurice, US  
[72] SEIDNER, Leonard, US  
[71] PERMEABLE TECHNOLOGIES, INC., US  
[85] 1999-04-28  
[86] 1997-10-29 (PCT/US97/19918)  
[87] 1998-05-22 (WO98/21621)  
[30] US (08/751,220) 1996-11-15

[21] **2,270,250**  
[13] A1

[51] **Int.Cl. 6H01B 1/24 6C08K 3/04**  
[25] EN  
[54] **CONDUCTIVE POLYACETAL COMPOSITION**  
[54] **COMPOSITION CONDUCTRICE A BASE DE POLYACETAL**  
[72] THIELEN, Alain, BE  
[71] CABOT CORPORATION, US  
[85] 1999-04-28  
[86] 1997-10-23 (PCT/US97/18866)  
[87] 1998-05-07 (WO98/19312)  
[30] US (08/742,579) 1996-10-28

[21] **2,270,251**  
[13] A1

[51] **Int.Cl. 6B60R 13/08 6G10K 11/168 6B32B 5/22**  
[25] EN  
[54] **ULTRALIGHT, MULTIFUNCTIONAL SOUND-INSULATING KIT**  
[54] **ENSEMBLE D'ISOLATION PHONIQUE MULTIFONCTIONNEL ULTRALEGER**  
[72] ALTS, Thorsten, DE  
[71] RIETER AUTOMOTIVE (INTERNATIONAL) AG, CH  
[85] 1999-04-28  
[86] 1997-10-29 (PCT/CH97/00412)  
[87] 1998-05-07 (WO98/18657)  
[30] WO (PCT/CH96/00381) 1996-10-29

[21] **2,270,253**  
[13] A1

[51] **Int.Cl. 6F16K 41/02**  
[25] EN  
[54] **BUSHING-LESS STEM GUIDED CONTROL VALVE**  
[54] **VANNE DE REGULATION GUIDEE PAR UNE TIGE SANS MAMELON DE REDUCTION**  
[72] PUTMAN, Karl F., US  
[72] WOOD, Charles W., US  
[72] WEARS, William E., US  
[71] FISHER CONTROLS INTERNATIONAL, INC., US  
[85] 1999-04-28  
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[87] 1998-05-07 (WO98/19088)  
[30] US (08/742,087) 1996-10-31

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[13] A1

[51] **Int.Cl. 6A61K 31/52 6A61K 47/00 6A61K 9/06**  
[25] EN  
[54] **ANTIHERPETIC PHARMACEUTICAL COMPOSITIONS CONTAINING ACYCLOVIR FOR TOPICAL APPLICATORS**  
[54] **COMPOSITIONS PHARMACEUTIQUES ANTIHERPETIQUES CONTENANT DE L'ACYCLOVIR POUR APPLICATEURS LOCAUX**  
[72] SANTUS, Giancarlo, IT  
[72] GARAVAGLIA, Antonio, IT  
[72] GOLZI, Roberto, IT  
[71] RECORDATI S.A. CHEMICAL AND PHARMACEUTICAL COMPANY, CH  
[85] 1999-04-28  
[86] 1997-10-31 (PCT/EP97/06022)  
[87] 1998-05-07 (WO98/18472)  
[30] IT (MI96A002258) 1996-10-31

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[21] **2,270,255**  
[13] A1

[51] **Int.Cl. 6A23L 3/015 6A23G 9/02 6A23G 9/04 6A23G 9/30**  
[25] EN  
[54] **METHOD FOR THE PREPARATION OF A FOODSTUFF**  
[54] **PROCEDE DE PREPARATION D'UN PRODUIT ALIMENTAIRE**  
[72] KEENAN, Robert Daniel, GB  
[72] YOUNG, David, GB  
[72] WIX, Loyd, GB  
[71] UNILEVER PLC, GB  
[85] 1999-04-28  
[86] 1997-10-20 (PCT/EP97/05917)  
[87] 1998-05-07 (WO98/18350)  
[30] EP (96307808.4) 1996-10-29

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[21] **2,270,257**  
[13] A1

[51] **Int.Cl. 6E21B 37/06 6C11D 1/74**  
[25] EN  
[54] **USE OF BIODEGRADABLE ALCOXYLATION PRODUCTS FOR CLEANING BOREHOLES, BORING INSTRUMENTS OR BORINGS**  
[54] **UTILISATION DE PRODUITS D'ALCOXYLATION BIODEGRADABLES POUR LE NETTOYAGE DE TROUS DE FORAGE, D'EQUIPEMENTS DE FORAGE OU DE DEBLAIS DE FORAGE**  
[72] HEROLD, Claus-Peter, DE  
[72] PODUBRIN, Stefan, DE  
[72] HEIDBREDER, Andreas, DE  
[72] SCHRECK, Berthold, DE  
[72] MUELLER, Heinz, DE  
[71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE  
[85] 1999-04-28  
[86] 1997-10-21 (PCT/EP97/05800)  
[87] 1998-05-07 (WO98/19043)  
[30] DE (196 43 857.8) 1996-10-30

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[21] **2,270,258**  
[13] A1

[51] **Int.Cl. 6A01N 59/16**  
[25] EN  
[54] **CONTACT-KILLING NON-LEACHING ANTIMICROBIAL MATERIALS**  
[54] **SUBSTANCES ANTIMICROBIENNES NON LIXIVIANTES TUANT PAR CONTACT**  
[72] SHALON, Tadmor, US  
[72] YURKOVETSKIY, Alexander, US  
[72] SUBRAMANYAM, Sundar, US  
[71] SAWAN, Samuel P., US  
[71] SURFACINE DEVELOPMENT COMPANY, LLC., US  
[71] BIOPOLYMERIX, INC., GB  
[85] 1999-04-28  
[86] 1997-10-28 (PCT/US97/19369)  
[87] 1998-05-07 (WO98/18330)  
[30] US (08/736,823) 1996-10-28  
[30] US (08/742,580) 1996-10-28

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[21] **2,270,260**  
[13] A1

[51] **Int.Cl. 6C23C 24/08 6B05B 7/16**  
[25] EN  
[54] **APPARATUS FOR GAS-DYNAMIC COATING**  
[54] **APPAREIL DE REVETEMENT UTILISANT LA DYNAMIQUE DES GAZ**  
[72] KLJUEV, Oleg Fedorovich, RU  
[72] BUZDYGAR, Timur Valerievich, RU  
[72] KASHIRIN, Alexandr Ivanovich, RU  
[71] O.O.O. OBNINSKY TSENTR POROSHKOVOGO NAPYLENIA, RU  
[85] 1999-04-28  
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[87] 1998-05-28 (WO98/22639)  
[30] RU (96121833) 1996-11-13

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[21] **2,270,261**  
[13] A1

[51] **Int.Cl. 6H04K 1/00 6H04L 9/00**  
[25] EN  
[54] **SYSTEM AND METHOD FOR PROVIDING SECURITY IN DATA COMMUNICATION SYSTEMS**  
[54] **SYSTEME ET PROCEDE POUR ASSURER LA SECURITE DES SYSTEMES DE TRANSMISSION DES DONNEES**  
[72] ICHIKAWA, Bryan K., US  
[71] MCI WORLDCOM, INC., US  
[85] 1999-04-28  
[86] 1997-11-05 (PCT/US97/10811)  
[87] 1998-05-14 (WO98/20641)  
[30] US (08/743,786) 1996-11-07

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[21] **2,270,290**  
[13] A1

[51] **Int.Cl. 6A61K 38/17**  
[25] EN  
[54] **THERAPEUTIC USES OF BPI PROTEIN PRODUCTS IN CYSTIC FIBROSIS PATIENTS**  
[54] **EMPLOIS THERAPEUTIQUES DES PRODUITS DE LA PROTEINE BPI CHEZ DES PATIENTS ATTEINTS DE MUCOVISCIDOSE**  
[72] GAVIT, Patrick D., US  
[72] SCANNON, Patrick J., US  
[72] CARROLL, Stephen Fitzhugh, US  
[71] XOMA CORPORATION, US  
[85] 1999-04-30  
[86] 1997-10-31 (PCT/US97/19850)  
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[30] US (08/742,986) 1996-11-01

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[13] A1

[51] **Int.Cl. 6C12N 9/64 6C12N 15/57**  
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[54] **PROSTATE-SPECIFIC KALLIKREIN**  
[54] **KALLIKREINE SPECIFIQUE DE LA PROSTATE**  
[72] BANDMAN, Olga, US  
[72] GOLI, Surya K., US  
[71] INCYTE PHARMACEUTICALS, INC., US  
[85] 1999-05-04  
[86] 1997-10-31 (PCT/US97/20051)  
[87] 1998-05-14 (WO98/20117)  
[30] US (08/744,026) 1996-11-05

[21] **2,270,293**  
[13] A1

[51] **Int.Cl. 6C12N 9/78 6C12N 9/14 6A61K 38/46 6C12P 7/64 6C12N 9/80**  
[25] EN  
[54] **FATTY-ACID AMIDE HYDROLASE**  
[54] **AMIDE D'ACIDE GRAS HYDROLASE**  
[72] GILULA, Norton B., US  
[72] CRAVATT, Benjamin F., US  
[72] LERNER, Richard A., US  
[71] THE SCRIPPS RESEARCH INSTITUTE, US  
[85] 1999-05-03  
[86] 1997-11-04 (PCT/US97/20385)  
[87] 1998-05-14 (WO98/20119)  
[30] US (08/743,168) 1996-11-04

[21] **2,270,338**  
[13] A1

[51] **Int.Cl. 6B26D 7/18**  
[25] EN  
[54] **METHOD FOR REMOVING DUST IN CONNECTION WITH THE SHEET CUTTER OF A PULP DRYING MACHINE OR EQUIVALENT AND ARRANGEMENT FOR CARRYING OUT THE METHOD**  
[54] **PROCEDE POUR ENLEVER LA POUSSIERE AU NIVEAU DE LA COUPEUSE EN FEUILLES D'UN PRESSE-PATE SECHEUR OU EQUIVALENT, ET DISPOSITIF POUR APPLIQUER LEDIT PROCEDE**  
[72] HANNUS, Lars Hakan Mikael, FI  
[72] AALTONEN, Rami, FI  
[72] LEIMU, Juha, FI  
[72] ENKVIST, Jens Petter, US  
[72] LINDSTROM, Jan, FI  
[71] VALMET CORPORATION, FI  
[85] 1999-04-29  
[86] 1997-10-29 (PCT/FI97/00661)  
[87] 1998-05-14 (WO98/19836)  
[30] FI (964403) 1996-11-01

[21] **2,270,339**  
[13] A1

[51] **Int.Cl. 6C11D 3/386 6C11D 3/39**  
[25] EN  
[54] **ENZYMATIC OXIDATION PROCESS**  
[54] **PROCEDE D'OXYDATION ENZYMATIQUE**  
[72] VERRIPS, Cornelis Theodorus, NL  
[72] van DRUNEN, Rudolf Willem Pieter, NL  
[72] CONVENTS, Daniel, NL  
[71] UNILEVER PLC, GB  
[85] 1999-04-29  
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[87] 1998-06-04 (WO98/23716)  
[30] EP (96203305.6) 1996-11-25

[21] **2,270,340**  
[13] A1

[51] **Int.Cl. 6H02K 1/16 6H02K 15/02**  
[25] EN  
[54] **A STATOR FOR A ROTATING ELECTRIC MACHINE AND A METHOD OF MANUFACTURING A STATOR**  
[54] **STATOR DESTINE A UNE MACHINE ELECTRIQUE TOURNANTE ET PROCEDE DE FABRICATION D'UN STATOR**  
[72] KALLDIN, Hans-Olof, SE  
[72] LEIJON, Mats, SE  
[72] LARSSON, Bertil, SE  
[72] BERGGREN, Sören, SE  
[72] ROTHMAN, Bengt, SE  
[71] ASEA BROWN BOVERI AB, SE  
[85] 1999-04-29  
[86] 1997-11-04 (PCT/SE97/01840)  
[87] 1998-05-14 (WO98/20595)  
[30] SE (9604026-6) 1996-11-04  
[30] SE (9703718-8) 1997-10-13

[21] **2,270,341**  
[13] A1

[51] **Int.Cl. 6H02K 3/50**  
[25] EN  
[54] **DEVICE FOR CONTROLLING FAULT CURRENTS IN A ROTATING ELECTRIC MACHINE**  
[54] **DISPOSITIF PERMETTANT DE REGULER LES COURANTS DE DEFAUT DANS UNE MACHINE ELECTRIQUE TOURNANTE**  
[72] GERTMAR, Lars, SE  
[72] TEMPLIN, Peter, SE  
[72] NYGREN, Jan-Anders, SE  
[71] ASEA BROWN BOVERI AB, SE  
[85] 1999-04-29  
[86] 1997-11-04 (PCT/SE97/01844)  
[87] 1998-05-14 (WO98/20598)  
[30] SE (9604034-0) 1996-11-04

[21] **2,270,342**  
[13] A1

[51] **Int.Cl. 6H02K 9/00**  
[25] EN  
[54] **AXIAL COOLING OF A ROTOR**  
[54] **REFROIDISSEMENT AXIAL D'UN ROTOR**  
[72] KYLANDER, Gunnar, SE  
[72] LEIJON, Mats, SE  
[71] ASEA BROWN BOVERI AB, SE  
[85] 1999-04-29  
[86] 1997-11-04 (PCT/SE97/01841)  
[87] 1998-05-14 (WO98/20600)  
[30] SE (9604027-4) 1996-11-04

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[13] A1

[51] **Int.Cl. 6B60R 22/36**  
[25] EN  
[54] **WEBBING WINDING DEVICE**  
[54] **DISPOSITIF D'ENROULEMENT DE SANGLE**  
[72] HOSHINO, Kenji, JP  
[72] ANDO, Takayuki, JP  
[71] KABUSHIKI KAISHA TOKAI-RIKA-DENKI-SEISAKUSHO, JP  
[85] 1999-04-29  
[86] 1997-11-06 (PCT/JP97/04046)  
[87] 1998-05-14 (WO98/19896)  
[30] JP (8-294041) 1996-11-06

[21] **2,270,344**  
[13] A1

[51] **Int.Cl. 6C11B 3/12 6A23D 9/02 6A23D 9/04**  
[25] EN  
[54] **REFINING OF EDIBLE OIL RICH IN NATURAL CAROTENES AND VITAMIN E**  
[54] **RAFFINAGE D'UNE HUILE COMESTIBLE RICHE EN CAROTENES NATURELS ET EN VITAMINE E**  
[72] UNNITHAN, Unnikrishnan Ramachandran, MY  
[71] HAI LOO TRADING PTE LTD., SG  
[71] GLOBAL PALM PRODUCTS SDN. BHD., MY  
[85] 1999-04-29  
[86] 1996-11-15 (PCT/SG96/00015)  
[87] 1998-05-07 (WO98/18888)  
[30] MY (9604534) 1996-10-31

[21] **2,270,345**  
[13] A1

[51] **Int.Cl. 6C07H 21/00 6C07H 21/02 6C07H 21/04 6A61K 31/175 6A61K 31/335 6A61K 31/47 6A61K 31/70**  
[25] EN  
[54] **IMMUNOSTIMULATORY NUCLEIC ACID MOLECULES**  
[54] **MOLECULES D'ACIDE NUCLEIQUE IMMUNOSTIMULANTES**  
[72] KRIEG, Arthur M., US  
[72] KLINE, Joel N., US  
[71] THE UNIVERSITY OF IOWA RESEARCH FOUNDATION, US  
[85] 1999-04-29  
[86] 1997-10-30 (PCT/US97/19791)  
[87] 1998-05-07 (WO98/18810)  
[30] US (08/738,652) 1996-10-30

[21] **2,270,346**  
[13] A1

[51] **Int.Cl. 6B01J 13/00 6G02B 26/00 6F21V 9/04 6C08F 2/16 6G01J 3/18**  
[25] EN  
[54] **NOVEL POLYMERIZED CRYSTALLINE COLLOIDAL ARRAY SENSORS**  
[54] **NOUVEAUX DETECTEURS A BASE DE RESEAU COLLOIDAL CRISTALLIN POLYMERISE**  
[72] ASHER, Sanford A., US  
[72] HOLTZ, John H., US  
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 1999-04-29  
[86] 1997-10-24 (PCT/US97/19592)  
[87] 1998-05-14 (WO98/19787)  
[30] US (08/743,816) 1996-11-06

[21] **2,270,347**  
[13] A1

[51] **Int.Cl. 6C08L 17/00 6B29C 43/04**  
[25] EN  
[54] **PROCESS FOR REUSE OF VULCANIZED RUBBER**  
[54] **PROCEDE DE REUTILISATION DE CAOUTCHOUC VULCANISE**  
[72] DEGERMAN, Rolf, SE  
[71] DEGERMAN, Rolf, SE  
[85] 1999-04-29  
[86] 1997-10-30 (PCT/SE97/01815)  
[87] 1998-05-14 (WO98/20067)  
[30] SE (9604004-3) 1996-11-01  
[30] SE (9700425-3) 1997-02-07

[21] **2,270,348**  
[13] A1

[51] **Int.Cl. 6G06F 3/00 6G06F 3/03**  
[25] EN  
[54] **PERSONALIZED AUTOMATED OPERATOR POSITION**  
[54] **POSTE D'OPERATEUR AUTOMATISE PERSONNALISE**  
[72] CORBIN, Bruce A., US  
[72] CONNOR, Andrew F., US  
[72] CANNON, Dale E., US  
[72] ADAMO, Mark M., US  
[72] STARR, Kerry L., US  
[71] GOLDEN ENTERPRISES, INC., US  
[85] 1999-04-29  
[86] 1997-11-03 (PCT/US97/20187)  
[87] 1998-05-14 (WO98/20409)  
[30] US (60/029,918) 1996-11-01  
[30] US (60/053,290) 1997-07-21  
[30] US (60/059,386) 1997-09-19

[21] **2,270,349**  
[13] A1

[51] **Int.Cl. 6A61K 31/557 6A61K 31/54**  
[25] EN  
[54] **USE OF A COMBINATION OF CARBONIC ANHYDRASE INHIBITORS AND PROSTAGLANDINS FOR TREATING GLAUCOMA**  
[54] **UTILISATION D'UNE COMBINAISON D'INHIBITEURS D'ANHYDRASE CARBONIQUE ET DE PROSTAGLANDINES DANS LE TRAITEMENT DU GLAUCOME**  
[72] MAY, Jesse A., US  
[72] DEAN, Thomas R., US  
[71] ALCON LABORATORIES, INC., US  
[85] 1999-04-29  
[86] 1997-09-05 (PCT/US97/15793)  
[87] 1998-05-14 (WO98/19680)  
[30] US (60/029,538) 1996-11-01

[21] **2,270,350**  
[13] A1

[51] **Int.Cl. 6A61C 15/04 6D01F 8/06 6D01F 8/12 6D01F 8/14 6A61K 7/16**  
[25] EN  
[54] **DENTAL FLOSS**  
[54] **SOIE DENTAIRE**  
[72] TSENG, Mingchih Michael, US  
[72] CASTILLO, Brad, US  
[72] PARK, Edward Hosung, US  
[72] CHIANG, Casper W., US  
[71] GILLETTE CANADA INC., CA  
[85] 1999-04-29  
[86] 1997-11-05 (PCT/US97/20679)  
[87] 1998-05-14 (WO98/19623)  
[30] US (743,722) 1996-11-06

[21] **2,270,352**  
[13] A1

[51] **Int.Cl. 6H04M 15/00 6B42D 15/00 6G06K 5/00 6B42D 15/10 6G06K 7/10**  
[25] EN  
[54] **LINKAGE IDENTIFICATION SYSTEM**  
[54] **SYSTEME D'IDENTIFICATION PAR LIENS**  
[72] MOSHER, Walter W., Jr., US  
[72] OROCIO, Reuel S., US  
[71] PRECISION DYNAMICS CORPORATION, US  
[85] 1999-04-29  
[86] 1997-11-17 (PCT/US97/21105)  
[87] 1998-05-28 (WO98/23081)  
[30] US (60/031,365) 1996-11-19



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[21] **2,270,354**  
[13] A1

[51] **Int.Cl. 6B41M 3/14 6B42D 15/00 6D21H 21/42**  
[25] EN  
[54] **IMPROVEMENTS IN AND RELATING TO SECURITY DOCUMENTS**  
[54] **AMELIORATIONS RELATIVES AUX DOCUMENTS DE SECURITE**  
[72] CHORLEY, Brian, GB  
[71] THE GOVERNOR AND COMPANY OF THE BANK OF ENGLAND, GB  
[85] 1999-04-29  
[86] 1997-09-19 (PCT/GB97/02563)  
[87] 1998-05-14 (WO98/19866)  
[30] GB (9623202.0) 1996-11-07  
[30] GB (9701767.7) 1997-01-29

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[21] **2,270,355**  
[13] A1

[51] **Int.Cl. 6A61K 31/52**  
[25] EN  
[54] **CYCLOPENTYLXANTHINE DERIVATIVES FOR USE IN THE TREATMENT OF CYSTIC FIBROSIS**  
[54] **DERIVES DE LA CYCLOPENTYLXANTHINE POUVANT ETRE UTILISES DANS LE TRAITEMENT DE LA MUCOVISCIDOSE**  
[72] DORMER, Robert Leslie, GB  
[72] PEREIRA, Malcolm Martin Claude, GB  
[72] McPHERSON, Margaret Ann, GB  
[71] UNIVERSITY OF WALES COLLEGE OF MEDICINE, GB  
[85] 1999-04-28  
[86] 1997-11-05 (PCT/GB97/03036)  
[87] 1998-05-14 (WO98/19679)  
[30] GB (9622981.0) 1996-11-05

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[13] A1

[51] **Int.Cl. 6G06T 7/00 6G06K 9/64**  
[25] EN  
[54] **APPARATUS FOR MATCHING X-RAY IMAGES WITH REFERENCE IMAGES**  
[54] **APPAREIL PERMETTANT LA MISE EN CORRESPONDANCE D'IMAGES RADIOGRAPHIQUES AVEC DES IMAGES DE REFERENCE**  
[72] GREENBERGER, Joel, US  
[72] KANADE, Takeo, US  
[72] ATHANASSIOU, Charalambos N., US  
[72] SHIMOGA, Karun B., US  
[72] KALEND, Andre M., US  
[71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US  
[85] 1999-04-29  
[86] 1997-10-28 (PCT/US97/19538)  
[87] 1998-05-07 (WO98/19272)  
[30] US (08/739,622) 1996-10-29

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[21] **2,270,358**  
[13] A1

[51] **Int.Cl. 6B31B 1/90 6B65D 33/16**  
[25] EN  
[54] **METHOD FOR MAKING TAMPER-EVIDENT CONTAINER WITH RECLOSABLE FASTENER**  
[54] **CONTENANT INDICATEUR D'EFFRACTION, DOTE D'UN SYSTEME D'ATTACHE POUVANT SE REFERMER, ET PROCEDE ASSOCIE**  
[72] BODOLAY, Michael J., US  
[72] BODOLAY, William A., US  
[71] LAKELAND MICRO, INC., US  
[85] 1999-04-28  
[86] 1997-06-20 (PCT/US97/10379)  
[87] 1998-05-07 (WO98/18679)  
[30] US (740,438) 1996-10-29

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[21] **2,270,359**  
[13] A1

[51] **Int.Cl. 6C07D 413/06 6A61K 31/445**  
[25] EN  
[54] **BENZOXAZOLE DERIVATIVE WITH AN AFFINITY TO BINDING SITES OF AMINO ACID RECEPTORS**  
[54] **DERIVE DE BENZOXAZOL A AFFINITE AVEC DES SITES DE LIAISON DE RECEPTEURS D'AMINOACIDE**  
[72] PRUCHER, Helmut, DE  
[72] GOTTSCHLICH, Rudolf, DE  
[72] LEIBROCK, Joachim, DE  
[71] MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG, DE  
[85] 1999-04-29  
[86] 1997-10-10 (PCT/EP97/05590)  
[87] 1998-05-07 (WO98/18793)  
[30] DE (196 43 790.3) 1996-10-30

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[21] **2,270,362**  
[13] A1

[51] **Int.Cl. 6C08L 67/02 6C08L 3/00 6C08L 67/04 6C08J 5/18**  
[25] EN  
[54] **BIODEGRADABLE POLYMERIC COMPOSITIONS COMPRISING STARCH AND A THERMOPLASTIC POLYMER**  
[54] **COMPOSITIONS POLYMERES BIODEGRADABLES CONTENANT DE L'AMIDON ET UN POLYMERE THERMOPLASTIQUE**  
[72] DEL GIUDICE, Luciano, IT  
[72] MONTINO, Sandro, IT  
[72] BELLOTTI, Vittorio, IT  
[72] PEREGO, Gabriele, IT  
[72] BASTIOLI, Catia, IT  
[72] CELLA, Gian Domenico, IT  
[71] NOVAMONT S.P.A., IT  
[85] 1999-04-28  
[86] 1997-11-05 (PCT/EP97/06103)  
[87] 1998-05-14 (WO98/20073)  
[30] IT (TO96A000890) 1996-11-05  
[30] IT (TO96A000996) 1996-12-09

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[21] **2,270,363**  
[13] A1

[51] **Int.Cl. 6A61F 11/08 6H04R 1/10**  
[25] EN  
[54] **IMPROVED HEARING PROTECTION DEVICE**  
[54] **DISPOSITIF DE PROTECTION ET D'ECOUTE AMELIORE**  
[72] LINDGREN, Mats, SE  
[71] AB KOMPOSITPRODUKTER VIKMANSHYTTAN, SE  
[85] 1999-04-29  
[86] 1997-11-07 (PCT/SE97/01867)  
[87] 1998-05-22 (WO98/20820)  
[30] SE (9604134-8) 1996-11-10

[21] **2,270,365**  
[13] A1

[51] **Int.Cl. 6C09J9/00 6C09J 11/00 6C09J 12/06 6F16L 13/10**  
[25] EN  
[54] **MICROENCAPSULATABLE SOLVENT ADHESIVE COMPOSITION AND METHOD FOR COUPLING CONDUITS**  
[54] **COMPOSITION ADHESIVE CONTENANT DES SOLVANTS ET POUVANT ETRE MICROENCAPSULEE ET PROCEDE DE RACCORDEMENT DE CONDUITS**  
[72] LYNCH, Roland M., US  
[72] ROESCH, Mark A., US  
[72] NEWSOM, Morris F., US  
[72] MACCARONE, David A., US  
[72] HILLENBRAND, Gary F., US  
[71] THE LAMSON & SESSIONS CO., US  
[85] 1999-04-28  
[86] 1997-05-15 (PCT/US97/08485)  
[87] 1998-05-07 (WO98/18879)  
[30] US (08/741,191) 1996-10-29

[21] **2,270,366**  
[13] A1

[51] **Int.Cl. 6A61F 2/78 6B29C 43/12 6B28B 21/42 6A61F 2/62**  
[25] EN  
[54] **APPARATUS AND PROCESS FOR FORMING PROSTHESIS SOCKET**  
[54] **PROCEDE ET DISPOSITIF DE REALISATION D'EMBOITURE DE PROTHESE**  
[72] KRISTINSSON, Ossur, IS  
[71] OSSUR USA INC., US  
[71] OSSUR, HF., IS  
[85] 1999-04-28  
[86] 1997-10-29 (PCT/US97/19163)  
[87] 1998-05-07 (WO98/18413)  
[30] US (60/030,875) 1996-10-30

[21] **2,270,367**  
[13] A1

[51] **Int.Cl. 6G06F 11/00**  
[25] EN  
[54] **METHOD AND APPARATUS FOR VERIFYING IP-ADDRESSES**  
[54] **PROCEDE ET APPAREIL PERMETTANT D'EVITER UNE COLLISION D'ADRESSE INTERNET LORS DE L'ETABLISSEMENT D'UNE JONCTION ENTRE UNE COMMUNICATION VOCALE D'ARRIVEE ET UNE APPLICATION INTERNET**  
[72] SVEDBERG, Johan, SE  
[72] FOGELHOLM, Rabbe, SE  
[71] TELIA AB, SE  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-04-28  
[86] 1997-10-28 (PCT/SE97/01797)  
[87] 1998-05-07 (WO98/19240)  
[30] SE (9603932-6) 1996-10-28

[21] **2,270,368**  
[13] A1

[51] **Int.Cl. 6C07C 227/18 6C07F 9/38**  
[25] EN  
[54] **USE OF MONOSODIUM IMINODIACETIC ACID SOLUTIONS IN THE PREPARATION OF N-PHOSPHONOMETHYLIMINODIACETIC ACID**  
[54] **UTILISATION DE SOLUTIONS A BASE D'ACIDE IMINODIACETIQUE MONOSODIQUE POUR LA PREPARATION D'ACIDE N-PHOSPHONOMETHYLIMINODIACETIQUE**  
[72] SMITH, Lowell R., US  
[71] MONSANTO COMPANY, US  
[85] 1999-04-29  
[86] 1997-10-30 (PCT/US97/19747)  
[87] 1998-05-14 (WO98/19992)  
[30] US (08/742,523) 1996-11-01

[21] **2,270,370**  
[13] A1

[51] **Int.Cl. 6B65G 47/54 6B65G 37/00 6B65G 13/10 6B65G 47/52**  
[25] EN  
[54] **HIGH SPEED SMART DIVERTER FOR A CONVEYOR SORTER**  
[54] **DISPOSITIF DEVIATEUR INTELLIGENT ET A GRANDE VITESSE DESTINE A UNE TRIEUSE DE BANDE DE TRANSPORT**  
[72] BONNET, Henri, US  
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US  
[85] 1999-04-28  
[86] 1998-04-16 (PCT/US98/07868)  
[87] 1998-11-05 (WO98/49081)  
[30] US (08/846,185) 1997-04-25

[21] **2,270,371**  
[13] A1

[51] **Int.Cl. 6E03F 5/04 6E03F 5/08**  
[25] EN  
[54] **A DRAINING GUTTER**  
[54] **RIGOLE D'EVACUATION**  
[72] ERIKSSON, Bertil, SE  
[71] SPLIT VISION DEVELOPMENT AB, SE  
[85] 1999-04-29  
[86] 1997-10-29 (PCT/SE97/01808)  
[87] 1998-05-07 (WO98/19021)  
[30] SE (9603958-1) 1996-10-30

[21] **2,270,373**  
[13] A1

[51] **Int.Cl. 6A61K 31/435 6A61K 31/045**  
[25] EN  
[54] **SYNERGISTIC COMPOSITION COMPRISING RAPAMYCIN AND CALCITRIOL**  
[54] **COMPOSITIONS SYNERGIQUES COMPRENANT DE LA RAPAMYCINE ET DU CALCITRIOL**  
[72] BOUILLON, Roger, BE  
[72] MATHIEU, Chantal, BE  
[72] BRANISTEANU, Dumitru, RO  
[71] AMERICAN HOME PRODUCTS CORPORATION, US  
[85] 1999-04-29  
[86] 1997-10-28 (PCT/US97/19378)  
[87] 1998-05-07 (WO98/18468)  
[30] US (08/742,000) 1996-10-31

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[21] **2,270,374**  
[13] A1

[51] **Int.Cl. 6C11D 3/37**  
[25] EN  
[54] **IMPROVEMENTS RELATING TO AQUEOUS LIGHT DUTY CLEANING COMPOSITIONS**  
[54] **AMELIORATIONS CONCERNANT DES PRODUITS DE NETTOYAGE LEGERS AQUEUX**  
[72] YORKE, John William Harold, GB  
[72] RENNIE, George Kerr, GB  
[71] UNILEVER PLC, GB  
[85] 1999-04-29  
[86] 1997-11-21 (PCT/EP97/06674)  
[87] 1998-06-18 (WO98/26036)  
[30] GB (9625884.3) 1996-12-12

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[21] **2,270,375**  
[13] A1

[51] **Int.Cl. 6A61K 45/06**  
[25] EN  
[54] **COMBINATIONS FOR USE IN INCREASING THE POTENCY OF A SUBSTRATE FOR MULTIDRUG RESISTANCE RELATED PROTEIN**  
[54] **COMBINAISONS DESTINEES A AUGMENTER LA PUISSANCE D'UN SUBSTRAT POUR UNE PROTEINE ASSOCIEE A LA RESISTANCE MULTIPLE AUX MEDICAMENTS**  
[72] CLYNES, Martin Michael, IE  
[71] DUBLIN CITY UNIVERSITY, IE  
[71] ENTERPRISE IRELAND (TRADING AS BIORESEARCH IRELAND), IE  
[85] 1999-04-29  
[86] 1997-10-24 (PCT/IE97/00071)  
[87] 1998-05-07 (WO98/18490)  
[30] IE (960761) 1996-10-31

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[21] **2,270,377**  
[13] A1

[51] **Int.Cl. 6B29C 45/28 6B29C 45/27 6B29C 45/30**  
[25] EN  
[54] **INJECTION MOULDING NOZZLE**  
[54] **FILIERE DE MOULAGE PAR INJECTION**  
[72] STERN, Christian R., CH  
[71] STERN, Christian R., CH  
[85] 1999-04-29  
[86] 1997-10-31 (PCT/CH97/00415)  
[87] 1998-05-14 (WO98/19847)  
[30] CH (2705/96) 1996-11-01

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[21] **2,270,379**  
[13] A1

[51] **Int.Cl. 6A61M 37/00**  
[25] EN  
[54] **CELL SEPARATION DEVICE AND IN-LINE ORIFICE MIXER SYSTEM**  
[54] **DISPOSITIF DE SEPARATION CELLULAIRE ET SYSTEME MELANGEUR A PAROI AJOUREE EN LIGNE**  
[72] CONSTON, Stanley R., US  
[72] MICHAELS, Alan S., US  
[72] SIERRA, David H., US  
[72] FREEMAN, Abigail, US  
[72] FULLER, Gerald G., US  
[71] COHESION CORPORATION, US  
[85] 1999-04-29  
[86] 1997-10-29 (PCT/US97/19704)  
[87] 1998-05-07 (WO98/18518)  
[30] US (08/741,233) 1996-10-30

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[21] **2,270,381**  
[13] A1

[51] **Int.Cl. 6C11D 9/02 6C11D 13/00 6C11D 17/00**  
[25] EN  
[54] **TRANSPARENT SOLID SOAP AND TRANSPARENT SOAP STOCK**  
[54] **SAVON SOLIDE TRANSPARENTE ET PATE DE SAVON TRANSPARENTE**  
[72] OKADA, Masanori, JP  
[72] SHIMOSATO, Isao, JP  
[71] POLA CHEMICAL INDUSTRIES INC., JP  
[85] 1999-04-29  
[86] 1997-09-05 (PCT/JP97/03137)  
[87] 1999-03-18 (WO99/13041)

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[21] **2,270,383**  
[13] A1

[51] **Int.Cl. 6C11D 1/65**  
[25] EN  
[54] **FABRIC SOFTENING COMPOSITIONS**  
[54] **COMPOSITIONS ADOUCISSANTES POUR TISSUS**  
[72] HUBESCH, Bruno Albert Jean, BE  
[72] DE BLOCK, Franciscus Joseph Madeleine, BE  
[72] CEULEMANS, Raphael Angeline Alfons, BE  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-04-29  
[86] 1997-10-30 (PCT/US97/19794)  
[87] 1998-05-07 (WO98/18890)  
[30] EP (96870134.2) 1996-10-30

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[21] **2,270,384**  
[13] A1

[51] **Int.Cl. 6C08K 5/3492 6C08G 59/50**  
[25] EN  
[54] **LIQUID CROSS-LINKER COMPOSITIONS CONTAINING 1,3,5-TRIAZINE CARBAMATE/ AMINOPLAST RESIN MIXTURES**  
[54] **COMPOSITIONS DE RETICULATION LIQUIDES CONTENANT DES MELANGES DE RESINES AMINOPLASTES/ET DE CARBAMATES DE 1,3,5-TRIAZINE**  
[72] WU, Kuang-Jong, US  
[72] BINDER, Sidney, US  
[71] CYTEC TECHNOLOGY CORP., US  
[85] 1999-04-29  
[86] 1997-09-18 (PCT/US97/16121)  
[87] 1998-05-07 (WO98/18856)  
[30] US (60/029,814) 1996-10-30

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[21] **2,270,385**  
[13] A1

[51] **Int.Cl. 6A61M 11/00**  
[25] EN  
[54] **BUILD-UP RESISTANT SPACERS FOR METERED DOSE INHALERS**  
[54] **TUBE RALLONGE POUR AEROSOLS-DOSEURS EMPECHANT L'ACCUMULATION**  
[72] ROSENBERG, Gail Esther, US  
[71] E. I. DU PONT DE NEMOURS AND COMPANY, US  
[85] 1999-04-29  
[86] 1997-10-29 (PCT/US97/19681)  
[87] 1998-05-14 (WO98/19727)  
[30] US (60/030,152) 1996-11-01  
[30] US (08/959,746) 1997-10-28

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[21] **2,270,386**  
[13] A1

[51] **Int.Cl. 6C07D 213/75 6C07B 43/04 6C07D 213/30 6A61K 31/44**  
[25] EN  
[54] **PROCESS FOR SUBSTITUTED PYRIDINES**  
[54] **PROCEDE DE PREPARATION DE PYRIDINES SUBSTITUEES**  
[72] DOW, Robert Lee, US  
[72] WRIGHT, Stephen Wayne, US  
[72] DEVRIES, Keith Michael, US  
[71] PFIZER INC., US  
[85] 1999-04-29  
[86] 1997-11-03 (PCT/IB97/01367)  
[87] 1998-05-22 (WO98/21184)  
[30] US (60/030,880) 1996-11-14

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<p style="text-align: right;">[21] <b>2,270,387</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/30</b> [25] EN [54] <b>INDEPENDENT DISTRIBUTED DATABASE SYSTEM</b> [54] <b>SYSTEME DE BASE DE DONNEES REPARTIES INDEPENDANTE</b> [72] SUTTER, Herbert P., CA [71] PEERDIRECT INC. (FORMERLY CURRENT NETWORK TECHNOLOGIES CORPORATION), CA [85] 1999-04-29 [86] 1997-10-29 (PCT/CA97/00807) [87] 1998-05-14 (WO98/20430) [30] US (08/742,024) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,390</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C25D 11/04 6C25D 17/06 6H01B 13/16</b> [25] EN [54] <b>ANODE, PROCESS FOR ANODIZING, ANODIZED WIRE AND ELECTRIC DEVICE COMPRISING SUCH ANODIZED WIRE</b> [54] <b>ANODE, PROCEDE D'ANODISATION, FIL ANODISE ET DISPOSITIF ELECTRIQUE DOTE DE CE FIL ANODISE</b> [72] HERNNÄS, Bo, SE [72] KALLDIN, Hans-Olof, SE [72] IMRELL, Torbjörn (deceased), SE [71] ASEA BROWN BOVERI AB, SE [85] 1999-04-29 [86] 1997-11-04 (PCT/SE97/01838) [87] 1998-05-22 (WO98/21385) [30] SE (9604035-7) 1996-11-04</p>	<p style="text-align: right;">[21] <b>2,270,393</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56 6H04Q 11/04</b> [25] EN [54] <b>METHOD OF ROUTING ASYNCHRONOUSLY TRANSFERRED MESSAGE CELLS WITH A 100 % POWER CAPACITY UTILIZATION</b> [54] <b>PROCEDE POUR LA TRANSMISSION AVEC UNE CAPACITE DE 100 % D'ELEMENTS DE MESSAGES TRANSMIS EN MODE ASYNCHRONE</b> [72] STEMPLINGER, Robert, GB [71] SIEMENS AKTIENGESellschaft, DE [85] 1999-04-29 [86] 1997-10-07 (PCT/DE97/02296) [87] 1998-05-07 (WO98/19427) [30] DE (196 44 100.5) 1996-10-31</p>
<p style="text-align: right;">[21] <b>2,270,388</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02P 15/10</b> [25] EN [54] <b>IGNITION SYSTEM AND PRINCIPLE OF OPERATION</b> [54] <b>DISPOSITIF D'ALLUMAGE ET PRINCIPE DE FONCTIONNEMENT</b> [72] JUFFINGER, Ludwig, DE [71] FICHT GMBH &amp; CO. KG, DE [85] 1999-04-29 [86] 1997-10-28 (PCT/EP97/05950) [87] 1998-05-07 (WO98/19066) [30] DE (196 43 785.7) 1996-10-29</p>	<p style="text-align: right;">[21] <b>2,270,391</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 51/12 6A61K 51/10</b> [25] EN [54] <b>EX-CORPORE METHOD FOR TREATING HUMAN BLOOD CELLS</b> [54] <b>PROCEDE EX CORPORE DE TRAITEMENT DE CELLULES SANGUINES HUMAINES</b> [72] VANSTRAELEN, Danny, BE [72] KOCH, Lothar, DE [72] DEZEURE, Freddy, BE [72] VAN GEEL, Jacques, DE [72] JANSSENS, Willem, DE [71] EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), LU [85] 1999-04-29 [86] 1997-11-10 (PCT/EP97/06221) [87] 1998-05-22 (WO98/20909) [30] EP (96118377.9) 1996-11-15</p>	<p style="text-align: right;">[21] <b>2,270,394</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 33/53 6C07K 1/04</b> [25] EN [54] <b>IDENTIFICATION OF DRUGS USING COMPLEMENTARY COMBINATORIAL LIBRARIES</b> [54] <b>IDENTIFICATION DE MEDICAMENTS AU MOYEN DE BIBLIOTHEQUES COMBINATOIRES COMPLEMENTAIRES</b> [72] FRELINGER, Jeffrey A., US [72] FOWLKES, Dana M., US [72] KAY, Brian K., US [72] HYDE-DERUYSCHEr, Robin Parish, US [71] NOVALON PHARMACEUTICAL CORPORATION, US [85] 1999-04-29 [86] 1997-10-31 (PCT/US97/19638) [87] 1998-05-07 (WO98/19162) [30] US (08/740,671) 1996-10-31</p>
<p style="text-align: right;">[21] <b>2,270,389</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/37 6C11D 3/00 6C11D 17/04 6C11D 1/14 6C11D 3/386 6C11D 1/62 6C11D 1/83</b> [25] EN [54] <b>COLOR CARE COMPOSITIONS</b> [54] <b>COMPOSITIONS D'ENTRETIEN DES COULEURS</b> [72] THOEN, Christiaan Arthur, US [72] HEIDEN, Ryan Matthew, US [72] MASSCHELEIN, Axel, US [72] WARD, Richard Martin, US [72] SHERMAN, Joseph Fredrich, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-04-29 [86] 1997-10-30 (PCT/US97/19790) [87] 1998-05-14 (WO98/20099) [30] WO (PCT/US96/17380) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,392</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E03B 3/02 6E03B 3/03</b> [25] EN [54] <b>RAIN WATER VESSEL</b> [54] <b>RESERVOIR POUR L'EAU DE PLUIE</b> [72] HART, George Henry, AU [71] HART, George Henry, AU [85] 1999-04-29 [86] 1997-10-31 (PCT/AU97/00736) [87] 1998-05-07 (WO98/19019) [30] AU (PO 3341) 1996-10-31</p>	

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,270,395</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>DISPOSABLE PULL-ON GARMENT HAVING IMPROVED TEAR OPEN HANDLING AFTER SOIL</b> [54] <b>SOUS-VETEMENT JETABLE ET A CEINTURE ELASTIQUE, PERMETTANT UNE MEILLEURE OUVERTURE PAR DECHIREMENT, APRES SOUILLURE DE CELUI-CI</b> [72] CHAN, John Geoffrey, CN [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-04-29 [86] 1997-05-30 (PCT/US97/09261) [87] 1998-05-07 (WO98/18419) [30] EP (96117394.5) 1996-10-30</p>	<p style="text-align: right;">[21] <b>2,270,398</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01F 23/296 6G01S 15/02 6G01N 29/16 6G01N 29/20</b> [25] EN [54] <b>METHOD AND APPARATUS FOR THE SONIC MEASUREMENT OF SLUDGE AND CLARITY CONDITIONS DURING THE TREATMENT OF WASTE WATER</b> [54] <b>PROCEDE PERMETTANT D'EFFECTUER DES MESURES SONIQUES DE BOUES ET D'EN DETERMINER LA LIMPIDITE DURANT LE TRAITEMENT D'EAUX RESIDUAIRES ET APPAREIL CORRESPONDANT</b> [72] KRAMER, L. Jonathan, US [72] WANG, Yang, US [72] MALTBY, Frederick L., US [72] NARDELLI, Norman, US [71] DREXELBROOK CONTROLS, INC., US [85] 1999-04-29 [86] 1997-10-28 (PCT/US97/19376) [87] 1998-05-07 (WO98/19139) [30] US (08/741,408) 1996-10-29</p>	<p style="text-align: right;">[21] <b>2,270,402</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C02F 1/461 6C02F 1/467</b> [25] EN [54] <b>METHOD AND APPARATUS FOR GENERATING OXYGENATED WATER</b> [54] <b>PROCEDE ET APPAREIL POUR LA PRODUCTION D'EAU OXYGENEE</b> [72] HOUGH, Gary S., US [72] CARLSON, David V., US [71] H2O TECHNOLOGIES, LTD., US [85] 1999-04-30 [86] 1997-10-31 (PCT/US97/19861) [87] 1998-05-07 (WO98/18724) [30] US (08/744,708) 1996-10-31</p>
<p style="text-align: right;">[21] <b>2,270,396</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 47/48</b> [25] EN [54] <b>CATIONIC REAGENTS FOR TRANSFECTION</b> [54] <b>REACTIFS CATIONIQUES POUR TRANSFECTION</b> [72] WEBER, Martin, DE [72] ERBACHER, Christoph, DE [71] QIAGEN GMBH, DE [85] 1999-04-29 [86] 1997-11-03 (PCT/EP97/06035) [87] 1998-05-14 (WO98/19709) [30] US (60/030,315) 1996-11-04</p>	<p style="text-align: right;">[21] <b>2,270,399</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/02</b> [25] EN [54] <b>PREPAID CARD</b> [54] <b>CARTE DE PREPAIEMENT</b> [72] NASSOIY, Stephen R., US [72] DALGAUER, Don, US [72] WANTZ, John L., US [72] STICH, Rebecca, US [72] RICE, Ginger A., US [72] RAMSBURG, Douglas, US [71] MOORE BUSINESS FORMS, INC., US [85] 1999-04-29 [86] 1997-12-15 (PCT/US97/23198) [87] 1998-06-25 (WO98/27513) [30] US (08/767,543) 1996-12-16</p>	<p style="text-align: right;">[21] <b>2,270,403</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A41D 19/02</b> [25] EN [54] <b>WATERPROOF, BREATHABLE ARTICLES OF APPAREL</b> [54] <b>ARTICLES VESTIMENTAIRES RESPIRABLES ET IMPERMEABLES A L'EAU</b> [72] WILLIAMS, Cole, US [71] WILLIAMS, Cole, US [85] 1999-04-30 [86] 1996-11-01 (PCT/US96/17467) [87] 1998-05-14 (WO98/19569)</p>
<p style="text-align: right;">[21] <b>2,270,397</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02B 53/00 6F01C 3/06</b> [25] EN [54] <b>ROTOR-RECIPROCATING COMBUSTION ENGINE</b> [54] <b>MOTEUR A COMBUSTION A ROTOR ALTERNATIF</b> [72] BORISOV, F. N., LI [72] KISELEV, A. Y., LI [71] PLANETARISCHE MOTOREN AKTIENGESELLSCHAFT, LI [85] 1999-04-29 [86] 1997-10-31 (PCT/EP97/06026) [87] 1998-05-07 (WO98/19060) [30] RU (96121281/06) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,406</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47K 3/22</b> [25] EN [54] <b>BATHING DOOR UNIT</b> [54] <b>PARE-DOUCHES</b> [72] BRUCE, Larry D., US [71] STERLING PLUMBING GROUP, INC., US [85] 1999-04-30 [86] 1997-10-29 (PCT/US97/19773) [87] 1998-05-07 (WO98/18376) [30] US (739,646) 1996-10-30</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: center;">[21] <b>2,270,407</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/12 6C12N 15/10 6A61K 38/17 6C07K 16/28 6C12P 19/34 6A61K 39/395 6A61K 47/48 6C12Q 1/68 6C07K 14/705 6C12N 15/85</b></p> <p>[25] EN [54] <b>HUMAN KDEL RECEPTOR</b> [54] <b>RECEPTEUR KDEL HUMAIN</b> [72] GOLJ, Surya K., US [72] HILLMAN, Jennifer L., US [72] BANDMAN, Olga, US [71] INCYTE PHARMACEUTICALS, INC., US [85] 1999-05-04 [86] 1997-11-17 (PCT/US97/20666) [87] 1998-05-28 (WO98/22506) [30] US (08/753,159) 1996-11-21</p>	<p style="text-align: center;">[21] <b>2,270,411</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 43/16</b></p> <p>[25] EN [54] <b>BOX</b> [54] <b>BOITE</b> [72] ROETERDINK, Johan Willem, NL [72] RUIJERMAN, Jacob, NL [71] IMPRESS METAL PACKAGING B.V., NL [85] 1999-04-30 [86] 1997-11-03 (PCT/NL97/00600) [87] 1998-05-14 (WO98/19931) [30] NL (1004403) 1996-11-01 [30] NL (1005269) 1997-02-13</p>	<p style="text-align: center;">[21] <b>2,270,414</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/10</b></p> <p>[25] EN [54] <b>METHOD FOR FORMING FULL-LENGTH CDNA LIBRARY</b> [54] <b>PROCEDE DE FORMATION D'UNE BANQUE D'ADNC DANS TOUTE SA LONGUEUR</b> [72] HAYASHIZAKI, Yoshihide, JP [71] THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH, JP [85] 1999-04-30 [86] 1997-10-31 (PCT/JP97/03992) [87] 1998-05-14 (WO98/20122) [30] JP (8/291500) 1996-11-01</p>
<p style="text-align: center;">[21] <b>2,270,408</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07K 16/10 6C12P 21/08 6G01N 33/577</b></p> <p>[25] EN [54] <b>MONOCLONAL ANTIBODIES AGAINST THE YPYDVPDYA EPITOPE, PROCESS FOR PRODUCING THE SAME AND THEIR USE</b> [54] <b>ANTICORPS MONOCLONAL CONTRE L'EPITOPE YPYVPDYA, SON PROCEDE DE PRODUCTION ET SON UTILISATION</b> [72] HINZPETER, Matthias, DE [72] GROL, Michael, DE [72] EMRICH, Thomas, DE [71] ROCHE DIAGNOSTICS GMBH, DE [85] 1999-04-19 [86] 1997-10-20 (PCT/EP97/05783) [87] 1998-04-30 (WO98/17691) [30] DE (196 43 314.2) 1996-10-21</p>	<p style="text-align: center;">[21] <b>2,270,412</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 15/00 6C07H 21/04 6C07K 1/22</b></p> <p>[25] EN [54] <b>HIGH LEVEL OF EXPRESSION OF INGAP</b> [54] <b>HAUT NIVEAU D'EXPRESSION DE LA PROTEINE INGAP</b> [72] VINIK, Aaron I., US [72] RAFAELOFF, Ronit, US [72] PITTENGER, Gary I., US [72] BARLOW, Scott W., US [71] EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS, US [85] 1999-04-29 [86] 1997-10-30 (PCT/US97/19415) [87] 1998-05-07 (WO98/18913) [30] US (08/741,096) 1996-10-30</p>	<p style="text-align: center;">[21] <b>2,270,415</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/16</b></p> <p>[25] EN [54] <b>FLEXIBLE WEARABLE COMPUTER SYSTEM</b> [54] <b>SYSTEME INFORMATIQUE PORTABLE ET SOUPLE</b> [72] CARROLL, James L., US [72] CARROLL, David W., US [72] CARROLL, Wendell L., US [71] VIA, INC., US [85] 1999-04-30 [86] 1997-11-01 (PCT/US97/19770) [87] 1998-05-14 (WO98/20403) [30] US (60/030,177) 1996-11-01</p>
<p style="text-align: center;">[21] <b>2,270,410</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06K 19/06</b></p> <p>[25] EN [54] <b>MULTIPLE MAGNETIC STRIPE TRANSACTION CARDS AND SYSTEMS FOR THE UTILIZATION THEREOF</b> [54] <b>CARTES DE TRANSACTION A PLUSIEURS BANDES MAGNETIQUES ET SYSTEMES D'UTILISATION ASSOCIES</b> [72] CHAPIN, Stephen R., Jr., US [71] INTERNATIONAL CARD TECHNOLOGY, US [85] 1999-04-30 [86] 1997-10-30 (PCT/US97/19913) [87] 1998-05-14 (WO98/20448) [30] US (08/743,429) 1996-11-01 [30] US (08/906,908) 1997-08-16</p>	<p style="text-align: center;">[21] <b>2,270,413</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 1/36</b></p> <p>[25] EN [54] <b>METHOD FOR PURIFYING BLOOD PLASMA AND APPARATUS SUITABLE THEREFOR</b> [54] <b>PROCEDE ET APPAREIL DE PURIFICATION DU PLASMA SANGUIN</b> [72] SUN, Chong-Son, US [72] BORTON, Noel T., US [72] HERMAN, Robert E., US [72] SUTTER, Mark A., US [72] BISCHOF, Daniel F., US [72] CHAPMAN, John, US [71] BAXTER INTERNATIONAL INC., US [71] PALL CORPORATION, US [85] 1999-04-30 [86] 1997-11-05 (PCT/US97/19908) [87] 1998-05-14 (WO98/19722) [30] US (08/745,948) 1996-11-08 [30] US (08/841,163) 1997-04-29</p>	

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<p style="text-align: center;">[21] <b>2,270,416</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C03C 27/12 6C08L 29/14</b> [25] EN [54] <b>INTERLAYER FOR LAMINATED GLASS AND LAMINATED GLASS</b> [54] <b>COUCHE INTERMEDIAIRE POUR VERRE FEUILLETE ET VERRE FEUILLETE</b> [72] TOYAMA, Kiyofumi, JP [72] AOSHIMA, Yoshio, JP [72] SANNOMIYA, Isei, JP [72] NAKAJIMA, Minoru, JP [72] MIYAI, Jiro, JP [72] SHICHIRI, Tokushige, JP [72] BANDO, Akihiko, JP [71] SEKISUI CHEMICAL CO., LTD., JP [85] 1999-04-29 [86] 1998-03-26 (PCT/JP98/01341) [87] 1999-01-28 (WO99/03793) [30] JP (9-192474) 1997-07-17 [30] JP (9-213284) 1997-08-07 [30] JP (9-223613) 1997-08-20 [30] JP (9-247015) 1997-09-11 [30] JP (9-253216) 1997-09-18 [30] JP (10-000983) 1998-01-06 [30] JP (10-022137) 1998-02-03</p>	<p style="text-align: center;">[21] <b>2,270,419</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63H 19/30</b> [25] EN [54] <b>DEVICE FOR SECURING RAILROAD TRACKS FOR TRAIN SETS</b> [54] <b>DISPOSITIF POUR IMMOBILISER DES VOIES DE CHEMIN DE FER D'UN TRAIN MINIATURE</b> [72] ZELLE, Jill J.T., US [72] ZELLE, David A., US [71] ZELLE, Jill J.T., US [71] ZELLE, David A., US [85] 1999-04-29 [86] 1997-06-05 (PCT/US97/09773) [87] 1998-05-14 (WO98/19762) [30] US (08/744,650) 1996-11-06</p>	<p style="text-align: center;">[21] <b>2,270,422</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/10 6C11D 3/39 6C11D 3/395 6C11D 7/54</b> [25] EN [54] <b>EFFERVESCENT BLEACH COMPOSITIONS</b> [54] <b>COMPOSITIONS DE BLANCHIMENT EFFERVESCENTES</b> [72] BUNCE, Samantha Justine, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-04-30 [86] 1997-10-30 (PCT/US97/19954) [87] 1998-05-14 (WO98/20096) [30] GB (9622845.7) 1996-11-01</p>
<p style="text-align: center;">[21] <b>2,270,418</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 1/38</b> [25] EN [54] <b>MICROWAVE ENERGY IMPLEMENTED AIRCRAFT LANDING SYSTEM</b> [54] <b>SYSTEME D'ATTERRISSAGE D'AERONEFS A ENERGIE HYPERFREQUENCES</b> [72] CHAPMAN, Aubrey I., US [72] RIDPATH, George F., US [71] FOCUSED ENERGY HOLDING INC., US [85] 1999-04-30 [86] 1997-09-02 (PCT/US97/15452) [87] 1998-03-12 (WO98/10305) [30] US (08/709,466) 1996-09-03</p>	<p style="text-align: center;">[21] <b>2,270,420</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 1/32</b> [25] EN [54] <b>SPECULUM DEVICE</b> [54] <b>DISPOSITIF POUR SPECULUM</b> [72] VAN DER WEEGEN, Clemens, AU [71] SUPERIOR SPEC HOLDINGS LIMITED, AU [85] 1999-04-30 [86] 1997-10-31 (PCT/AU97/00732) [87] 1998-05-14 (WO98/19590) [30] AU (P03403) 1996-11-01</p>	<p style="text-align: center;">[21] <b>2,270,423</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 39/395 6A61K 45/00 6A01N 1/02 6A61K 38/18</b> [25] EN [54] <b>PROPHYLACTIC/REMEDIAL AGENT</b> [54] <b>AGENT PROPHYLACTIQUE/THERAPEUTIQUE</b> [72] YATOMI, Takehiro, JP [72] SUDA, Takashi, JP [72] NAGATA, Shigekazu, JP [71] OSAKA BIOSCIENCE INSTITUTE, JP [71] MOCHIDA PHARMACEUTICAL CO., LTD., JP [85] 1999-04-29 [86] 1997-10-31 (PCT/JP97/03978) [87] 1998-05-07 (WO98/18487) [30] JP (08-290459) 1996-10-31 [30] JP (08-351718) 1996-12-27 [30] JP (09-262521) 1997-09-26</p>
<p style="text-align: center;">[21] <b>2,270,418</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01S 1/38</b> [25] EN [54] <b>MICROWAVE ENERGY IMPLEMENTED AIRCRAFT LANDING SYSTEM</b> [54] <b>SYSTEME D'ATTERRISSAGE D'AERONEFS A ENERGIE HYPERFREQUENCES</b> [72] CHAPMAN, Aubrey I., US [72] RIDPATH, George F., US [71] FOCUSED ENERGY HOLDING INC., US [85] 1999-04-30 [86] 1997-09-02 (PCT/US97/15452) [87] 1998-03-12 (WO98/10305) [30] US (08/709,466) 1996-09-03</p>	<p style="text-align: center;">[21] <b>2,270,421</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6A61K 38/00 6C07K 16/00 6G01N 21/00 6C07H 21/02 6C07H 21/04 6G01N 21/29 6C12P 19/34 6G01N 33/53 6C12Q 1/70</b> [25] EN [54] <b>METHODS AND DEVICES FOR MASS TRANSPORT ASSISTED OPTICAL ASSAYS</b> [54] <b>PROCEDES ET DISPOSITIF D'ANALYSE OPTIQUE ASSISTEE PAR TRANSFERT DE MATIERE</b> [72] CROSBY, Mark, US [72] BOGART, Gregory R., US [72] ETTER, Jeffrey B., US [72] OSTROFF, Rachel M., US [72] DREWES, Joel A., US [72] STEAFFENS, Jeffrey W., US [71] BIOSTAR, INC., US [85] 1999-04-29 [86] 1997-10-20 (PCT/US97/19043) [87] 1998-05-07 (WO98/18962) [30] US (08/742,255) 1996-10-31 [30] US (08/950,963) 1997-10-15</p>	<p style="text-align: center;">[21] <b>2,270,424</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21H 21/24 6D21C 5/02</b> [25] EN [54] <b>METHOD OF MAKING SANITARY PAPER PRODUCTS FROM RECYCLED NEWSPAPERS</b> [54] <b>PROCEDE DE PRODUCTION DE PAPIER HYGIENIQUE A PARTIR DE JOURNAUX RECYCLES</b> [72] HSU, Jay Chiehlung, US [72] LAKHANI, Nauman Noorali, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-04-29 [86] 1997-11-25 (PCT/US97/21427) [87] 1998-06-04 (WO98/23813) [30] US (60/031,759) 1996-11-26 [30] US (08/961,458) 1997-10-30</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,270,426</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23G 9/28</b> [25] EN [54] <b>SPOUT FOR A FROZEN DESSERT BAG</b> [54] <b>BEC DESTINE A UN SACHET DE DESSERT GLACE</b> [72] STUMLER, Irvin H., US [71] EUROPEX SYSTEMS, INC., US [85] 1999-04-29 [86] 1997-11-14 (PCT/US97/20658) [87] 1998-05-22 (WO98/20747) [30] US (08/749,097) 1996-11-14</p>	<p style="text-align: right;">[21] <b>2,270,429</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04N 7/16 6H04N 7/20</b> [25] EN [54] <b>DIRECT BROADCAST SATELLITE SYSTEM FOR MULTIPLE DWELLING UNITS</b> [54] <b>SYSTEME DE RADIODIFFUSION DIRECTE PAR SATELLITE POUR LOGEMENTS MULTIPLES</b> [72] NOVAK, Abram, US [71] ETHNIC-AMERICAN BROADCASTING CO., US [85] 1999-04-29 [86] 1997-11-18 (PCT/US97/21086) [87] 1998-05-28 (WO98/22992) [30] US (08/751,320) 1996-11-18</p>	<p style="text-align: right;">[21] <b>2,270,431</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12Q 1/68 6C07K 14/47 6G01N 33/50 6C07K 14/575 6C07K 14/72</b> [25] EN [54] <b>METHOD FOR THE DETECTION OF COMPOUNDS THAT MODULATE THE EFFECTS OF THE OBESE (OB) PROTEIN</b> [54] <b>PROCEDE POUR LA DETECTION DE COMPOSES MODULANT LES EFFETS DE LA PROTEINE DE L'OBESITE (OB)</b> [72] BEELEY, Lee James, GB [71] SMITHKLINE BEECHAM P.L.C., GB [85] 1999-04-30 [86] 1997-10-30 (PCT/GB97/02988) [87] 1998-05-14 (WO98/20158) [30] GB (9622866.3) 1996-11-01 [30] GB (9622867.1) 1996-11-01 [30] GB (9622865.5) 1996-11-01 [30] GB (9622869.7) 1996-11-01 [30] GB (9622847.3) 1996-11-01 [30] GB (9622849.9) 1996-11-01 [30] GB (9622851.5) 1996-11-01 [30] GB (9622870.5) 1996-11-01 [30] GB (9622868.9) 1996-11-01 [30] GB (9622848.1) 1996-11-01 [30] GB (9622850.7) 1996-11-01</p>
<p style="text-align: right;">[21] <b>2,270,427</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 13/01 6B60P 1/28</b> [25] EN [54] <b>LINER FOR A WORK MACHINE BODY</b> [54] <b>REVETEMENT DESTINE A UN CORPS D'ENGIN DE TRAVAUX</b> [72] REYNOLDS, Rick J., US [72] MOUTREY, Theodore A., US [72] KELSHEIMER, Jack W., US [71] CATERPILLAR INC., US [85] 1999-04-29 [86] 1997-11-12 (PCT/US97/20454) [87] 1998-06-04 (WO98/23466) [30] US (60/031,475) 1996-11-25</p>	<p style="text-align: right;">[21] <b>2,270,430</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 35/00</b> [25] EN [54] <b>A POSITIONING ASSEMBLY FOR RETAINING AND POSITIONING A CORNEA</b> [54] <b>ENSEMBLE DE POSITIONNEMENT POUR MAINTENIR ET POSITIONNER UNE CORNEE</b> [72] HELLENKAMP, Johann F., US [71] HELLENKAMP, Johann F., US [85] 1999-04-29 [86] 1997-10-30 (PCT/US97/19953) [87] 1998-05-07 (WO98/18517) [30] US (08/741,955) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,432</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23L 3/358 6A23L 1/03 6A61K 47/04 6A61K 7/16 6A23K 1/175 6C01B 25/30 6A23L 2/68</b> [25] EN [54] <b>EDIBLE PRESERVATIVE AND ACIDULANT COMPOSITION</b> [54] <b>COMPOSITION D'ACIDULANT ET DE CONSERVATEUR ALIMENTAIRES</b> [72] HIGHFILL, Louis A., US [72] HEIDOLPH, Barbara B., US [72] GLASCOCK, Joan K., US [71] SOLUTIA INC., US [85] 1999-04-30 [86] 1997-11-07 (PCT/US97/20216) [87] 1998-05-14 (WO98/19565) [30] US (60/031,106) 1996-11-08</p>
<p style="text-align: right;">[21] <b>2,270,428</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C25D 5/00 6C25D 7/00 6C25C 1/16 6C25D 5/20</b> [25] EN [54] <b>EFFICIENT ELECTROWINNING OF ZINC FROM ALKALINE ELECTROLYTES</b> [54] <b>EXTRACTION ELECTROLYTIQUE EFFICACE DE ZINC A PARTIR D'ELECTROLYTES ALCALINS</b> [72] EVANS, James W., US [72] SIU, Stanley C., US [71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US [85] 1999-04-29 [86] 1997-11-19 (PCT/US97/21380) [87] 1998-05-28 (WO98/22641) [30] US (08/749,365) 1996-11-21</p>		



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[21] **2,270,433**  
[13] A1

[51] **Int.Cl. 6C07C 319/14 6C07C 323/22 6C07D 215/227 6C07C 321/28 6A61K 31/435**  
[25] EN  
[54] **SYNTHESIS OF BENZO-F[QUINOLINONES**  
[54] **SYNTHESE DE BENZO-F[QUINOLINONES**  
[72] BRENNAN, John, US  
[72] HEATH, Perry Clark, US  
[72] UDODONG, Uko Effiong, US  
[72] WIEGEL, Leland Otto, US  
[72] PATTERSON, Lawrence Edward, US  
[72] DOECKE, Christopher William, US  
[71] ELI LILLY AND COMPANY, US  
[85] 1999-04-30  
[86] 1997-10-27 (PCT/US97/19229)  
[87] 1998-05-07 (WO98/18757)  
[30] US (60/027,868) 1996-10-30

[21] **2,270,434**  
[13] A1

[51] **Int.Cl. 6C02F 1/74 6C02F 1/20**  
[25] EN  
[54] **METHOD AND APPARATUS FOR KILLING MICROORGANISMS IN SHIP BALLAST WATER**  
[54] **PROCEDE ET APPAREIL D'ELIMINATION DE MICRO-ORGANISMES DANS LES EAUX DE BALLAST D'UN NAVIRE**  
[72] BROWNING, Wilson J., Jr., US  
[71] BROWNING TRANSPORT MANAGEMENT, INC., US  
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[86] 1997-11-10 (PCT/US97/19972)  
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[30] US (60/031,605) 1996-11-27  
[30] US (08/921,336) 1997-08-29

[21] **2,270,435**  
[13] A1

[51] **Int.Cl. 6G02B 6/36**  
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[54] **OPTICAL FIBER TERMINATIONS**  
[54] **TERMINAISON DE FIBRES OPTIQUES**  
[72] KUNG, Frederic, US  
[72] SANGHERA, Jasbinder S., US  
[72] BUSSE, Lynda E., US  
[72] AGGARWAL, Ishwar D., US  
[71] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE, US  
[85] 1999-04-30  
[86] 1997-10-27 (PCT/US97/19501)  
[87] 1998-05-07 (WO98/19191)  
[30] US (08/739,985) 1996-10-30

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[13] A1

[51] **Int.Cl. 6A61F 7/02 6A61F 7/03**  
[25] EN  
[54] **NORMOTHERMIC TISSUE HEATING WOUND COVERING**  
[54] **PROTECTION DE PLAIE CHAUFFANT LES TISSUS A TEMPERATURE NORMOTHERMIQUE**  
[72] AUGUSTINE, Scott D., US  
[71] AUGUSTINE MEDICAL, INC., US  
[85] 1999-04-30  
[86] 1997-11-12 (PCT/US97/20585)  
[87] 1998-07-23 (WO98/31309)  
[30] US (08/786,713) 1997-01-21

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[51] **Int.Cl. 6A01N 35/02 6A01N 35/04 6A61L 2/16**  
[25] EN  
[54] **READY-TO-USE GLUTARALDEHYDE CONCENTRATES**  
[54] **CONCENTRES DE GLUTARALDEHYDE PRETS A L'EMPLOI**  
[72] WHITELEY, Reginald Keith, AU  
[71] WHITELEY INDUSTRIES PTY. LTD., AU  
[85] 1999-04-30  
[86] 1997-10-31 (PCT/AU97/00734)  
[87] 1998-05-14 (WO98/19536)  
[30] AU (PO 3367) 1996-11-01

[21] **2,270,440**  
[13] A1

[51] **Int.Cl. 6A01K 61/00 6A01K 61/02 6A01K 63/04**  
[25] EN  
[54] **METHOD OF RAISING FISH BY USE OF ALGAL TURF**  
[54] **PROCEDE D'ELEVAGE DE POISSONS AU MOYEN DE GAZON ALGAL**  
[72] PURGASON, Richard, US  
[72] ADEY, Walter H., US  
[71] AQUATIC BIOENHANCEMENT SYSTEMS, US  
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[86] 1997-10-31 (PCT/US97/19852)  
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[21] **2,270,444**  
[13] A1

[51] **Int.Cl. 6G06F 9/06**  
[25] EN  
[54] **SOFTWARE PRODUCING METHOD, PROCESSOR, PROCESSING METHOD AND RECORDING MEDIUM**  
[54] **PROCEDE DE PRODUCTION DE LOGICIEL, PROCEDE DE TRAITEMENT ET SUPPORT D'ENREGISTREMENT**  
[72] NEGORO, Fumio, JP  
[71] INFORMATION SYSTEM DEVELOPMENT INSTITUTE, JP  
[85] 1999-04-30  
[86] 1997-04-30 (PCT/JP97/01492)  
[87] 1998-05-07 (WO98/19232)  
[30] WO (PCT/JP96/03183) 1996-10-30

[21] **2,270,445**  
[13] A1

[51] **Int.Cl. 6H04Q 3/00 6H04Q 7/34**  
[25] EN  
[54] **METHOD AND DEVICE FOR CHECKING IF DATA RECORDS HAVE BEEN CREATED CORRECTLY AND FULLY IN TELECOMMUNICATION SYSTEMS**  
[54] **PROCEDE ET DISPOSITIF POUR VERIFIER SI DES JEUX DE DONNEES DE TELECOMMUNICATIONS ONT ETE CREEES DE MANIERE COMPLETE ET CORRECTE DANS DES SYSTEMES DE TELECOMMUNICATIONS**  
[72] SCHENKER, Martin, CH  
[72] SCHONFELD, Mark, DE  
[72] ANDERLOHR, Stefan, DE  
[72] PESCHEL, Dietmar, DE  
[72] JACOT, Jean-Pierre, CH  
[71] DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH, DE  
[71] ASCOM INFRASYS AG, CH  
[85] 1999-04-30  
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[87] 1998-05-07 (WO98/19469)  
[30] DE (196 44 024.6) 1996-10-31

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<p style="text-align: right;">[21] <b>2,270,449</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E06B 1/32</b> [25] EN [54] <b>A WINDOW WITH A REDUCED RISK OF CONDENSATION</b> [54] <b>FENETRE PRESENTANT UN RISQUE LIMITE DE CONDENSATION</b> [72] DYRBY, Erik Bjorn, DK [72] KORNERUP, Klaus, DK [71] VELUX INDUSTRI A/S, DK [85] 1999-04-30 [86] 1997-11-14 (PCT/DK97/00519) [87] 1998-05-28 (WO98/22683) [30] DK (1319/96) 1996-11-19</p>	<p style="text-align: right;">[21] <b>2,270,462</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 13/42</b> [25] EN [54] <b>REGENERATION AGENT FOR BACK-UP SOFTWARE</b> [54] <b>AGENT DE REGENERATION POUR LOGICIEL DE SECOURS</b> [72] HSIEH, William, US [72] CHEN, Chia-Hwang, US [72] LONG, Miguel, US [71] CHEYENNE SOFTWARE INTERNATIONAL SALES CORP., US [85] 1999-04-29 [86] 1997-10-22 (PCT/US97/19090) [87] 1998-05-07 (WO98/19247) [30] US (08/743,459) 1996-10-29</p>	<p style="text-align: right;">[21] <b>2,270,465</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 1/86 6C11D 3/34 6C11D 3/37</b> [25] EN [54] <b>LAUNDRY DETERGENT COMPOSITIONS COMPRISING SOIL RELEASE POLYMER</b> [54] <b>COMPOSITIONS DETERGENTES POUR LESSIVE A LA MAIN ET CONTENANT UNE COMBINAISON D'AGENTS TENSIO-ACTIFS ET DE DETACHANT AVANT-LAVAGE SOUS FORME DE POLYMERE</b> [72] DE-CERDA, Luisa Navarro, VE [72] GUEDIRA, Nour-Eddine, GB [72] MASSEY-BROOKER, Anju Deepali, GB [72] PRADA-SILVY, Ricardo Alfredo, VE [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-04-29 [86] 1997-11-03 (PCT/US97/19899) [87] 1998-05-14 (WO98/20092) [30] US (60/030,757) 1996-11-01</p>
<p style="text-align: right;">[21] <b>2,270,450</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C21D 8/00 6B21B 37/00 6C21D 11/00</b> [25] EN [54] <b>PROCESS FOR MONITORING AND CONTROLLING THE QUALITY OF ROLLED PRODUCTS FROM HOT-ROLLED PROCESSES</b> [54] <b>PROCEDE POUR LA SURVEILLANCE ET LA GESTION DE LA QUALITE DE PRODUITS LAMINES OBTENUS PAR LAMINAGE A CHAUD</b> [72] ANDORFER, Josef, AT [72] PICHLER, Rudolf, AT [72] AUZINGER, Dietmar, AT [71] VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH, AT [85] 1999-04-30 [86] 1997-10-29 (PCT/AT97/00232) [87] 1998-05-07 (WO98/18970) [30] AT (A 1896/96) 1996-10-30</p>	<p style="text-align: right;">[21] <b>2,270,463</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04Q 11/04</b> [25] EN [54] <b>IMPROVED MINICELL ALIGNMENT</b> [54] <b>ALIGNEMENT DE MINICELLES AMELIORE</b> [72] PETERSEN, Lars-Göran, SE [72] ENEROTH, Göran, SE [71] TELEFONAKTIEBOLAGET LM ERICSSON, SE [85] 1999-04-29 [86] 1997-10-14 (PCT/SE97/01718) [87] 1998-05-07 (WO98/19496) [30] US (08/741,360) 1996-10-30</p>	<p style="text-align: right;">[21] <b>2,270,467</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 45/14</b> [25] EN [54] <b>METHOD AND MOULD TOOLS FOR INJECTION MOULDING A PLASTICS MATERIAL PART IN A PACKAGING SHEET MATERIAL</b> [54] <b>PROCEDE ET OUTILS DE MOULAGE POUR MOULAGE PAR INJECTION D'UNE PARTIE CONSTITUEE D'UN MATERIAU PLASTIQUE DANS UN MATERIAU POUR FEUILLE D'EMBALLAGE</b> [72] KARLSSON, Magne, SE [71] TETRA LAVAL HOLDINGS &amp; FINANCE SA, CH [85] 1999-04-29 [86] 1997-09-23 (PCT/SE97/01596) [87] 1998-05-07 (WO98/18609) [30] IT (MI96A002271) 1996-10-31</p>
<p style="text-align: right;">[21] <b>2,270,461</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 17/24</b> [25] EN [54] <b>SYSTEM AND METHOD FOR REMOTELY GROUPING CONTENTS OF AN ACTION HISTORY STACK</b> [54] <b>SYSTEME ET PROCEDE DE GROUPEMENT A DISTANCE DU CONTENU D'UNE PILE HISTORIQUE D'ACTIONS</b> [72] ARMSTRONG, John, US [72] SELESKY, Donald Bryant, US [71] SELESKY, Donald Bryant, US [71] LERNOUT &amp; HAUSPIE SPEECH PRODUCTS N.V., BE [85] 1999-04-29 [86] 1997-11-14 (PCT/US97/20737) [87] 1998-05-22 (WO98/21669) [30] US (08/749,140) 1996-11-14</p>	<p style="text-align: right;">[21] <b>2,270,464</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 45/14 6B29C 45/33</b> [25] EN [54] <b>APPARATUS AND METHOD FOR MOULDING AN OPENING DEVICE ON A PACKAGING SHEET</b> [54] <b>APPAREIL ET PROCEDE DESTINES A MOULER UN DISPOSITIF D'OUVERTURE SUR UNE FEUILLE D'EMBALLAGE</b> [72] RENDINA, Antonio, IT [72] GUSTAFSSON, Per, SE [71] TETRA LAVAL HOLDINGS &amp; FINANCE SA, CH [85] 1999-04-29 [86] 1997-09-23 (PCT/SE97/01594) [87] 1998-05-07 (WO98/18608) [30] IT (MI96A002272) 1996-10-31</p>	

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<p style="text-align: right;">[21] <b>2,270,468</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23K 1/18</b> [25] EN [54] <b>METHOD FOR PRODUCTION OF FEED FOR SALMONIDES AND FEED FOR SALMONIDES</b> [54] <b>PROCEDE DE PRODUCTION D'ALIMENTS POUR SALMONIDES, ET ALIMENTS AINSI OBTENUS</b> [72] JOHNSEN, Freddy, NO [72] RINGDAL, Ole, NO [72] HJORNEVIK, Leif, NO [71] NORSK HYDRO ASA, NO [85] 1999-04-30 [86] 1997-10-22 (PCT/NO97/00279) [87] 1998-05-14 (WO98/19560) [30] NO (964645) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,471</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A63F 3/02</b> [25] EN [54] <b>COMPUTER GAME</b> [54] <b>JEU INFORMATIQUE</b> [72] GOLAD, Adar, NL [71] GOLAD, Adar, NL [85] 1999-04-30 [86] 1997-10-27 (PCT/NL97/00589) [87] 1998-05-14 (WO98/19758) [30] NL (1004407) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,474</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 1/04 6C11D 3/39 6C11D 3/395 6C11D 1/82</b> [25] EN [54] <b>CLEANSING COMPOSITIONS</b> [54] <b>COMPOSITIONS DE NETTOYAGE</b> [72] THURLBY, Owen, GB [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-04-30 [86] 1997-10-30 (PCT/US97/19952) [87] 1998-05-14 (WO98/20091) [30] GB (9622844.0) 1996-11-01</p>
<p style="text-align: right;">[21] <b>2,270,469</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/415 6A61K 31/10 6A61K 31/18 6A61K 31/42 6A61K 31/44</b> [25] EN [54] <b>METHOD OF USING CYCLOOXYGENASE-2 INHIBITORS AS ANTI-ANGIOGENIC AGENTS</b> [54] <b>PROCEDE D'UTILISATION D'INHIBITEURS DE CYCLO-OXYGENASE-2 COMME AGENTS ANTI-ANGIOGENIQUES</b> [72] RAZ, Amiram, IL [72] MASFERRER, Jaime L., US [71] G.D. SEARLE &amp; CO., US [85] 1999-04-30 [86] 1997-11-19 (PCT/US97/21489) [87] 1998-05-28 (WO98/22101) [30] US (60/031,404) 1996-11-19</p>	<p style="text-align: right;">[21] <b>2,270,472</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03M 7/30</b> [25] EN [54] <b>COMPUTER SORTING SYSTEM FOR DATA COMPRESSION</b> [54] <b>SYSTEME INFORMATIQUE DE TRI POUR LA COMPRESSION DE DONNEES</b> [72] SCHINDLER, Michael, AT [71] SCHINDLER, Michael, AT [85] 1999-04-30 [86] 1997-11-14 (PCT/EP97/06356) [87] 1998-05-28 (WO98/23038) [30] AT (A 2001/96) 1996-11-15</p>	<p style="text-align: right;">[21] <b>2,270,475</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 9/10 6D21C 9/00</b> [25] EN [54] <b>METHOD FOR BLEACHING MECHANICAL PULP</b> [54] <b>PROCEDE DE BLANCHIMENT DE LA PATE MECANIQUE</b> [72] WAN, Jeffrey K.-S., CA [72] DEPEW, M. Catherine, CA [71] QUEEN'S UNIVERSITY AT KINGSTON, CA [85] 1999-04-30 [86] 1998-09-21 (PCT/CA98/00918) [87] 1999-04-01 (WO99/15729) [30] US (08/936,200) 1997-09-23</p>
<p style="text-align: right;">[21] <b>2,270,470</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23K 1/14 6A01G 33/00 6A01K 61/00 6A01K 63/04 6A23K 1/18</b> [25] EN [54] <b>ANIMAL FEEDSTOCKS COMPRISING HARVESTED ALGAL TURF</b> [54] <b>NOURRITURE POUR ANIMAUX COMPRENANT DES ALGUES RECOLTEES</b> [72] ADEY, Walter H., US [72] PURGASON, Richard, US [71] AQUATIC BIOENHANCEMENT SYSTEMS, US [85] 1999-04-30 [86] 1997-10-30 (PCT/US97/19755) [87] 1998-05-07 (WO98/18344) [30] US (08/741,646) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,473</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/00 6A01N 25/02 6A61L 2/16 6A61K 7/48</b> [25] EN [54] <b>COMPOSITIONS FOR DISINFECTION OF SKIN AND MUCOUS MEMBRANE</b> [54] <b>COMPOSITIONS DE DESINFECTION DE LA PEAU ET DES MUQUEUSES</b> [72] HARKE, Hans-Peter, DE [72] BEHREND, Sabine, DE [71] AIR LIQUIDE SANTE (INTERNATIONAL), FR [85] 1999-04-30 [86] 1997-10-28 (PCT/EP97/06041) [87] 1998-05-14 (WO98/20094) [30] DE (196 46 759.4) 1996-11-04</p>	<p style="text-align: right;">[21] <b>2,270,476</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09D 7/12 6C09D 5/00 6C08K 5/132</b> [25] EN [54] <b>IMPROVED COATING OR SEALING COMPOSITION</b> [54] <b>COMPOSITION AMELIOREE DE REVETEMENT OU D'ETANCHEITE</b> [72] CHAUVETTE, Gaétan, CA [72] LEGENDRE, François, CA [72] TRUDEAU, Guy L., CA [72] HAMELIN, Richard, CA [71] LABORATOIRES CHOISY LTÉE, CA [85] 1999-04-30 [86] 1996-11-01 (PCT/CA96/00726) [87] 1998-05-14 (WO98/20082)</p>

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[21] **2,270,477**  
[13] A1

[51] **Int.Cl. 6G06K 9/22 6H04N 1/047 6H04N 1/107**  
[25] EN  
[54] **RECORDING METHOD AND APPARATUS**  
[54] **PROCEDE ET DISPOSITIF D'ENREGISTREMENT**  
[72] FAHRAEUS, Christer, SE  
[72] NILSSON, Jan, SE  
[71] C TECHNOLOGIES AB, SE  
[85] 1999-04-30  
[86] 1997-11-03 (PCT/SE97/01827)  
[87] 1998-05-14 (WO98/20446)  
[30] SE (9604008-4) 1996-11-01

[21] **2,270,478**  
[13] A1

[51] **Int.Cl. 6C07D 233/54 6C07D 401/06 6C07D 401/12 6C07D 409/12 6C07D 409/14 6A61K 31/415 6C07D 233/68**  
[25] EN  
[54] **N-(IMIDAZOLYLBUTYL) BENZENESULPHONAMIDE DERIVATIVES, THEIR PREPARATION AND THERAPEUTIC APPLICATION**  
[54] **DERIVES DE N-(IMIDAZOLYLBUTYLE) BENZENESULFONAMIDE AYANT UNE ACTIVITE ANTITHROMBOTIQUE**  
[72] LASSALLE, Gilbert, FR  
[72] ALTENBURGER, Jean-Michel, FR  
[72] MARTIN, Valerie, FR  
[72] GALTIER, Daniel, FR  
[71] SYNTHELABO, FR  
[85] 1999-04-29  
[86] 1997-11-19 (PCT/FR97/02079)  
[87] 1998-05-28 (WO98/22443)  
[30] FR (96/14309) 1996-11-22

[21] **2,270,479**  
[13] A1

[51] **Int.Cl. 6H04Q 7/20 6H04N 1/00**  
[25] EN  
[54] **A PRINTING AND SCANNING DEVICE FOR INTERNET AND FACSIMILE CELLULAR SERVICES**  
[54] **DISPOSITIF D'IMPRESSION ET NUMERISATION POUR L'INTERNET ET SERVICES DE TELECOPIE PAR RESEAU CELLULAIRE**  
[72] TJÄLLDIN, Birger, SE  
[72] SODERBERG, Ulf, SE  
[71] SYSTEM INNOVATION AB, SE  
[85] 1999-04-29  
[86] 1997-10-29 (PCT/SE97/01811)  
[87] 1998-05-07 (WO98/19478)  
[30] SE (9603978-9) 1996-10-31

[21] **2,270,480**  
[13] A1

[51] **Int.Cl. 6A41B 13/10**  
[25] EN  
[54] **DISPOSABLE BIB**  
[54] **BIBERON JETABLE**  
[72] LEWIS, Robert Drennan, US  
[72] LAMPSON, Patricia Lee, US  
[72] GUPTA, Amit, US  
[72] REINHART, Richard Nicholas Jr., US  
[72] AHR, Nicholas Albert, US  
[71] THE PROCTER & GAMBLE COMPANY, US  
[85] 1999-04-29  
[86] 1997-10-24 (PCT/US97/19272)  
[87] 1998-05-07 (WO98/18353)  
[30] US (60/030,100) 1996-10-31  
[30] US (60/034,674) 1997-01-10

[21] **2,270,518**  
[13] A1

[51] **Int.Cl. 6C09C 3/10 6C09C 1/00 6C09D 11/02 6C08K 9/08 6C08L 79/08 6C08K 9/10 6C09D 7/12 6C08J 3/21 6C09C 1/30 6C09C 1/36 6A61K 7/48 6D21H 17/67**  
[25] EN  
[54] **MOLECULAR LEVEL COATING OF METAL OXIDE PARTICLES**  
[54] **RETELEMENT DE NIVEAU MOLECULAIRE DE PARTICULES D'OXYDE METALLIQUE**  
[72] ST. CLAIR, Terry Lee, US  
[72] MC DANIEL, Patricia Roberts, US  
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE ADMINISTRATOR OF THE, US  
[85] 1999-04-30  
[86] 1997-07-25 (PCT/US97/13125)  
[87] 1998-05-07 (WO98/18867)  
[30] US (08/742,068) 1996-10-31

[21] **2,270,520**  
[13] A1

[51] **Int.Cl. 6A61K 9/68**  
[25] EN  
[54] **CHEWING GUM CONTAINING COLLOIDAL BISMUTH SUBCITRATE**  
[54] **CHEWING-GUM CONTENANT DU SOUS-CITRATE DE BISMUTH COLLOIDAL**  
[72] ATHANIKAR, Narayan K., US  
[71] JOSMAN LABORATORIES, INC., US  
[85] 1999-04-30  
[86] 1997-10-31 (PCT/US97/19765)  
[87] 1998-05-14 (WO98/19669)  
[30] US (08/741,781) 1996-11-01

[21] **2,270,521**  
[13] A1

[51] **Int.Cl. 6C07C 45/50 6C07F 9/145 6C07C 255/17 6B01J 31/18 6B01J 31/24 6C07C 253/30 6C07C 67/347 6C07C 51/373**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF AN ALDEHYDE**  
[54] **PROCEDE DE PREPARATION D'UN ALDEHYDE**  
[72] GELLING, Onko Jan, NL  
[72] VAN LEEUWEN, Petrus Wilhelmus Nicolaas Maria, NL  
[72] BORMAN, Petrus Cornelis, NL  
[71] E.I. DU PONT DE NEMOURS AND COMPANY, US  
[71] DSM N.V., NL  
[85] 1999-04-30  
[86] 1997-10-30 (PCT/NL97/00595)  
[87] 1998-05-14 (WO98/19984)  
[30] AT (96203070.6) 1996-11-04

[21] **2,270,522**  
[13] A1

[51] **Int.Cl. 6C12P 1/04 6C12P 7/40 6C12P 7/46 6C12P 7/56 6C12P 7/62**  
[25] EN  
[54] **PRODUCTION AND RECOVERY OF ORGANIC ACIDS**  
[54] **PRODUCTION ET RECUPERATION D'ACIDES ORGANIQUES**  
[72] EYAL, Aharon M., US  
[72] LEHNHARDT, William F., US  
[71] A.E. STALEY MANUFACTURING COMPANY, US  
[85] 1999-04-30  
[86] 1997-11-04 (PCT/US97/20121)  
[87] 1998-05-28 (WO98/22611)  
[30] US (08/752,803) 1996-11-20

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<p style="text-align: right;">[21] <b>2,270,524</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 3/04 6D21C 3/20</b> [25] EN [54] <b>METHOD OF PRODUCING PULP USING SINGLE-STAGE COOKING WITH FORMIC ACID AND WASHING WITH PERFORMIC ACID</b> [54] <b>PROCEDE DE FABRICATION DE PULPE PAR CUISSON A L'ACIDE FORMIQUE EFFECTUEE EN UNE SEULE OPERATION ET PAR LAVAGE A L'ACIDE PERFORMIQUE</b> [72] ROUSU, Pasi, FI [72] ROUSU, Esa, FI [72] ROUSU, Päivi, FI [71] CHEMPOLIS OY, FI [85] 1999-05-03 [86] 1997-11-05 (PCT/FI97/00671) [87] 1998-05-14 (WO98/20198) [30] FI (964466) 1996-11-06</p>	<p style="text-align: right;">[21] <b>2,270,526</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 1/36 6B61L 19/00 6B61L 19/06</b> [25] EN [54] <b>EXTRACORPOREAL BLOOD PROCESSING SYSTEM</b> [54] <b>SYSTEME EXTRACORPOREL DE TRAITEMENT DU SANG</b> [72] DOLECEK, Victor D., US [72] KAPPUS, John J., US [72] BRIERTON, Mark Joseph, US [71] COBE LABORATORIES, INC., US [85] 1999-05-03 [86] 1998-09-10 (PCT/US98/18809) [87] 1999-03-25 (WO99/13926) [30] US (60/058,587) 1997-09-12 [30] US (09/150,543) 1998-09-09</p>	<p style="text-align: right;">[21] <b>2,270,528</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61C 5/06 6A61C 19/02 6A61K 6/083</b> [25] EN [54] <b>SINGLE DOSE DENTAL ADHESIVE DELIVERY SYSTEM AND METHOD AND ADHESIVE THEREFOR</b> [54] <b>SYSTEME DE DEBIT UNIDOSE D'ADHESIF DENTAIRE, PROCEDE CORRESPONDANT, ET ADHESIF DESTINE A CET EFFET</b> [72] NG, Daniel, US [72] PRANITIS, Leo J., Jr., US [71] THE KERR CORPORATION, US [85] 1999-05-03 [86] 1997-11-14 (PCT/US97/20773) [87] 1998-06-04 (WO98/23220) [30] US (758,383) 1996-11-29</p>
<p style="text-align: right;">[21] <b>2,270,525</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G03F 7/22 6G02B 6/00 6G03F 1/08 6G02B 6/10 6G02B 5/18</b> [25] EN [54] <b>METHOD OF PRODUCING PHASE MASK FOR FABRICATING OPTICAL FIBER AND OPTICAL FIBER WITH BRAGG'S DIFFRACTION GRATING PRODUCED BY USING THE PHASE MASK</b> [54] <b>PROCEDE DE PRODUCTION D'UN MASQUE DE PHASE DESTINE A LA FABRICATION D'UNE FIBRE OPTIQUE ET FIBRE OPTIQUE DOTE E D'UN RESEAU DE DIFFRACTION DE BRAGG, PRODUITE A L'AIDE D'UN TEL MASQUE DE PHASE</b> [72] SEGAWA, Toshikazu, JP [72] KOMUKAI, Tetsuro, JP [72] KURIHARA, Masaaki, JP [72] NAKAZAWA, Masataka, JP [71] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP [71] DAI NIPPON PRINTING CO., LTD., JP [85] 1999-05-03 [86] 1998-09-02 (PCT/JP98/03924) [87] 1999-03-11 (WO99/12075) [30] JP (238438/1997) 1997-09-03</p>	<p style="text-align: right;">[21] <b>2,270,527</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06T 11/20</b> [25] EN [54] <b>SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR THE VISUALIZATION AND INTERACTIVE PROCESSING AND ANALYSIS OF CHEMICAL DATA</b> [54] <b>SYSTEME, PROCEDE ET PRODUIT PROGRAMME INFORMATIQUE POUR VISUALISER, TRAITER ET ANALYSER DE FACON INTERACTIVE DES DONNEES CHIMIQUES</b> [72] AGRAFIOTIS, Dimitris K., US [72] SALEMME, Francis R., US [72] LOBANOV, Victor S., US [71] 3-DIMENSIONAL PHARMACEUTICALS, INC., US [85] 1999-05-03 [86] 1997-11-04 (PCT/US97/20919) [87] 1998-05-14 (WO98/20459) [30] US (60/030,187) 1996-11-04</p>	<p style="text-align: right;">[21] <b>2,270,529</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D04H 3/14 6D01F 8/00 6D04H 3/10 6D04H 1/42 6D04H 1/46</b> [25] EN [54] <b>ENTANGLED NONWOVEN FABRICS AND METHODS FOR FORMING THE SAME</b> [54] <b>TISSUS NON TISSEES ENTREMELES ET LEURS PROCEDES DE PRODUCTION</b> [72] SAMUELS, Brett Peter, US [72] MARMON, Samuel Edward, US [72] WAZEERUD-DIN, Elisha Seidah, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-04-30 [86] 1997-11-25 (PCT/US97/21425) [87] 1998-06-04 (WO98/23804) [30] US (08/756,426) 1996-11-26</p>
		<p style="text-align: right;">[21] <b>2,270,530</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D01F 8/14 6A61L 15/00 6D04H 3/14 6D04H 1/42 6D04H 1/54</b> [25] EN [54] <b>MULTICOMPONENT FIBER</b> [54] <b>FIBRE MULTICOMPOSANT</b> [72] ETZEL, Brian Thomas, US [72] TSAI, Fu-Jya, US [71] KIMBERLY-CLARK WORLDWIDE, INC., US [85] 1999-04-30 [86] 1997-11-25 (PCT/US97/21413) [87] 1998-06-11 (WO98/24951) [30] US (08/759,107) 1996-12-02</p>

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[13] A1

[51] **Int.Cl. 6A61K 31/195 6A61K 35/00 6A61K 31/485**  
[25] EN  
[54] **A METHOD FOR TREATING TENSION-TYPE HEADACHE**  
[54] **PROCEDE DE TRAITEMENT DE CEPHALES DU TYPE PAR TENSION NERVEUSE**  
[72] JENSEN, Rigmor, DK  
[72] MADSEN, Ulf, DK  
[72] BENDTSEN, Lars, DK  
[72] OLESEN, Jes, DK  
[71] HEAD EXPLORER APS, DK  
[85] 1999-05-03  
[86] 1997-11-04 (PCT/DK97/00502)  
[87] 1998-05-14 (WO98/19674)  
[30] DK (1243/96) 1996-11-05

[21] **2,270,532**  
[13] A1

[51] **Int.Cl. 6B01J 19/00 6B01J 10/00 6B01J 19/26 6C07C 51/31**  
[25] EN  
[54] **METHODS AND DEVICES FOR CONTROLLING THE OXIDATION RATE OF A HYDROCARBON BY ADJUSTING THE RATIO OF THE HYDROCARBON TO A RATE-MODULATOR**  
[54] **PROCEDES ET DISPOSITIFS DE CONTROLE DU TAUX D'OXYDATION D'UN HYDROCARBURE PAR AJUSTEMENT DU RAPPORT HYDROCARBURE/MODULATEUR DE TAUX**  
[72] VASSILIOU, Eustathios, US  
[72] DASSEL, Mark W., US  
[72] DECOSTER, David C., US  
[72] ROSTAMI, Ader M., US  
[71] TWENTY-FIRST CENTURY RESEARCH CORPORATION, US  
[85] 1999-05-03  
[86] 1997-09-30 (PCT/US97/17684)  
[87] 1998-05-14 (WO98/19789)  
[30] US (60/030,699) 1996-11-07  
[30] US (08/861,180) 1997-05-21

[21] **2,270,533**  
[13] A1

[51] **Int.Cl. 6C11B 9/00 6D06M 13/00 6A01N 65/00 6C11B 9/02 6B01F 3/08 6D06M 13/144 6C11D 3/48**  
[25] EN  
[54] **PROCESS FOR THE PREPARATION OF AQUEOUS SOLUTION OF ESSENTIAL OIL, AND ANTIMICROBIAL AGENTS, MICROBICIDES AND ANTIMICROBIAL FINISHES FOR WASHING CONTAINING THE SAME AS ACTIVE INGREDIENT**  
[54] **PROCEDE DE PREPARATION D'UNE SOLUTION AQUEUSE D'HUILE ESSENTIELLE, ET AGENTS ANTIMICROBIENS, MICROBICIDES ET PRODUITS DE FINITION ANTIMICROBIENS POUR LAVAGE CONTENANT LADITE SOLUTION EN TANT QU'INGREDIENT ACTIF**  
[72] NISHIMOTO, Tetsuro, JP  
[72] NISHIMOTO, Kiyohiro, JP  
[71] COSMO ACE CO., JP  
[85] 1999-05-03  
[86] 1997-09-12 (PCT/JP97/03248)  
[87] 1998-03-19 (WO98/11184)  
[30] JP (8/243424) 1996-09-13

[21] **2,270,534**  
[13] A1

[51] **Int.Cl. 6A61B 8/06 6G01S 15/89**  
[25] EN  
[54] **MEASUREMENT OF VOLUMETRIC FLUID FLOW AND ITS VELOCITY PROFILE**  
[54] **MESURE DE L'ECOULEMENT VOLUMETRIQUE D'UN LIQUIDE ET SON PROFIL DE VITESSE**  
[72] CESPEDDES, Edoardo Ignacio, NL  
[72] LI, Wenguang, NL  
[72] LANCEE, Charles Theodoor, NL  
[72] VAN DER STEEN, Antonius Franciscus Wilhelmus, NL  
[72] BOM, Nicolaas, NL  
[71] ENDOSONICS CORPORATION, US  
[85] 1999-05-03  
[86] 1997-09-02 (PCT/NL97/00504)  
[87] 1998-05-14 (WO98/19603)  
[30] AT (96203050.8) 1996-11-01

[21] **2,270,535**  
[13] A1

[51] **Int.Cl. 6E06B 1/32 6E04D 13/02**  
[25] EN  
[54] **A WINDOW HAVING AN IMPROVED WINDOW FRAME STRUCTURE**  
[54] **FENETRE DOTEE D'UN CADRE PERFECTIONNE**  
[72] LINDGREN, Claes, DK  
[71] VELUX INDUSTRI A/S, DK  
[85] 1999-05-03  
[86] 1997-11-13 (PCT/DK97/00516)  
[87] 1998-05-28 (WO98/22681)  
[30] DK (1316/96) 1996-11-19

[21] **2,270,536**  
[13] A1

[51] **Int.Cl. 6B65G 25/00**  
[25] EN  
[54] **HOPPERS WITH APPLIED MOTION TO PROMOTE FLOW**  
[54] **TREMIES A MOUVEMENT APPLIQUE DESTINE A FAVORISER L'ECOULEMENT DE MATIERES SOLIDES**  
[72] JOHANSON, Jerry R., US  
[71] JOHANSON, Jerry R., US  
[85] 1999-05-03  
[86] 1997-11-03 (PCT/US97/20041)  
[87] 1998-05-14 (WO98/19944)  
[30] US (60/030,320) 1996-11-04

[21] **2,270,537**  
[13] A1

[51] **Int.Cl. 6A62D 1/00**  
[25] EN  
[54] **BIODEGRADABLE FOAM COMPOSITIONS FOR EXTINGUISHING FIRES**  
[54] **MOUSSES BIODEGRADABLES POUR L'EXTINCTION DES INCENDIES**  
[72] ACHTMANN, Hans, US  
[71] ACHTMANN, Hans, US  
[85] 1999-05-03  
[86] 1997-10-30 (PCT/US97/19716)  
[87] 1998-05-14 (WO98/19743)  
[30] US (743,387) 1996-11-04

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,270,538</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G06F 1/18 6G06F 1/26</b> [25] EN [54] <b>SYSTEM AND METHOD FOR ADAPTING COMPUTER PERIPHERALS</b> [54] <b>SYSTEME ET PROCEDE PERMETTANT D'ADAPTER DES PERIPHERIQUES D'ORDINATEUR</b> [72] LeVEILLE, Greg R., US [72] MARSH, David, US [72] CHARLES, Paul, US [71] CHARLES, Paul, US [85] 1999-05-03 [86] 1997-11-04 (PCT/US97/20026) [87] 1998-05-14 (WO98/20404) [30] US (08/743,515) 1996-11-04 [30] US (08/800,397) 1997-02-14</p>	<p style="text-align: right;">[21] <b>2,270,541</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61M 16/00</b> [25] EN [54] <b>ARTIFICIAL VENTILATION SYSTEM AND METHODS OF CONTROLLING CARBON DIOXIDE REBREATHING</b> [54] <b>SYSTEME DE VENTILATION ARTIFICIELLE ET PROCEDE DE LIMITATION DE LA REINHALATION DU GAZ CARBONIQUE</b> [72] FUKUNAGA, Atsuo F., US [72] FUKUNAGA, Blanca M., US [71] MEDLIS CORP., US [85] 1999-04-30 [86] 1997-10-30 (PCT/US97/19815) [87] 1998-05-28 (WO98/22172) [30] US (08/751,316) 1996-11-18</p>	<p style="text-align: right;">[21] <b>2,270,544</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04L 12/56 6H04Q 11/04</b> [25] EN [54] <b>CONFIGURABLE CONNECTION FABRIC FOR PROVIDING SERIAL BACKPLANES WITH ADAPTIVE PORT/MODULE BANDWIDTH</b> [54] <b>MATERIAU DE CONNEXION CONFIGURABLE DESTINE A LA CONSTITUTION DE FONDS DE PANIER SERIE AVEC LARGEUR DE BANDE PORT/MODULE ADAPTATIVE</b> [72] EDHOLM, Philip K., US [71] NORTHERN TELECOM LIMITED, CA [85] 1999-04-30 [86] 1997-10-31 (PCT/US97/19593) [87] 1998-05-14 (WO98/20650) [30] US (08/742,871) 1996-11-01</p>
<p style="text-align: right;">[21] <b>2,270,539</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H05K 13/00 6H05K 13/04</b> [25] EN [54] <b>HEATER IN A CONVEYOR SYSTEM</b> [54] <b>ELEMENT CHAUFFANT DE SYSTEME A BANDE TRANSPORTEUSE</b> [72] CAVALLARO, William A., US [71] SPEEDLINE TECHNOLOGIES, INC., US [85] 1999-04-30 [86] 1997-10-30 (PCT/US97/19800) [87] 1998-05-14 (WO98/20720) [30] US (08/743,011) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,542</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F42D 1/08 6E21B 33/128 6F42D 1/18 6F42D 1/22</b> [25] EN [54] <b>INFLATABLE PLUGS FOR CHARGING BLAZTHOLES</b> [54] <b>BOUCHONS GONFLABLES POUR CHARGER LES TROUS DE MINE</b> [72] GRESHAM, Andrew Mark, AU [72] THOMSON, Stephen, AU [71] ORICA AUSTRALIA PTY. LTD., AU [85] 1999-04-30 [86] 1997-11-03 (PCT/AU97/00742) [87] 1998-05-14 (WO98/20295) [30] AU (PO 3398) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,545</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 231/20 6A61K 31/415 6A01N 43/56</b> [25] EN [54] <b>SUBSTITUTED 3-BENZYLPIRAZOLES</b> [54] <b>3-BENZYLPIRAZOLES SUBSTITUES ET LEUR UTILISATION COMME HERBICIDES ET POUR ABAISSER LA TENEUR EN SUCRE DU SANG</b> [72] REINHARD, Robert, DE [72] HAMPRECHT, Gerhard, DE [72] JONES, Robert Brian, GB [72] WESTPHALEN, Karl-Otto, DE [72] SCHÄFER, Peter, DE [72] ZAGAR, Cyrill, DE [72] MENKE, Olaf, DE [72] Ml.beta.LITZ, Ulf, DE [72] MENGES, Markus, DE [72] WALTER, Helmut, DE [71] BASF AKTIENGESELLSCHAFT, DE [85] 1999-04-30 [86] 1997-11-03 (PCT/EP97/06057) [87] 1998-05-14 (WO98/20000) [30] DE (19645313.5) 1996-11-04</p>
<p style="text-align: right;">[21] <b>2,270,540</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04B 2/00</b> [25] EN [54] <b>MULTIPLE PANEL ASSEMBLY AND CONNECTOR ASSEMBLY THEREFOR</b> [54] <b>ASSEMBLAGE DE PANNEAUX MULTIPLES ET SYSTEME DE CONNECTEUR POUR CET ASSEMBLAGE</b> [72] STURRUS, Peter, US [71] SHAPE CORPORATION, US [85] 1999-04-30 [86] 1996-11-12 (PCT/US96/18033) [87] 1998-05-22 (WO98/21424)</p>	<p style="text-align: right;">[21] <b>2,270,543</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04M 7/10 6H04M 9/00 6H04M 7/14 6H04M 1/60</b> [25] EN [54] <b>METHOD AND APPARATUS FOR INSTALLING TELEPHONE INTERCOM-VOICE MESSAGING APPARATUS AT DOORBELL FOR DWELLING</b> [54] <b>PROCEDE ET APPAREIL POUR INSTALLER UN DISPOSITIF DE MESSAGERIE VOCALE PAR LIGNE TELEPHONIQUE A LA SONNETTE D'UNE PORTE D'HABITATION</b> [72] STUART, John C., US [71] STUART, John C., US [85] 1999-04-30 [86] 1997-10-29 (PCT/US97/19734) [87] 1998-05-14 (WO98/20668) [30] US (08/742,498) 1996-11-01</p>	

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<p style="text-align: right;">[21] <b>2,270,546</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/06 6A61K 38/55</b> [25] EN [54] <b>AIDS REMEDY</b> [54] <b>MEDICAMENT CONTRE LE SIDA</b> [72] FUKAZAWA, Tominaga, JP [72] SATO, Hideharu, JP [72] MUTO, Akihiro, JP [72] SHINTANI, Makoto, JP [72] TERAJIMA, Keisuke, JP [71] JAPAN ENERGY CORPORATION, JP [85] 1999-04-30 [86] 1997-07-11 (PCT/JP97/04057) [87] 1998-05-22 (WO98/20888) [30] JP (312772/1996) 1996-11-08 [30] JP (344550/1996) 1996-12-09 [30] JP (293365/1997) 1997-10-09</p>	<p style="text-align: right;">[21] <b>2,270,549</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B60R 21/26</b> [25] EN [54] <b>PROPELLANT MODULE ASSEMBLY</b> [54] <b>ENSEMBLE MODULE PROPULSIF</b> [72] MOORE, Sanders H., US [72] SHARPE, Brian D., US [71] ARCH CHEMICALS, INC., US [85] 1999-04-30 [86] 1997-11-17 (PCT/US97/20973) [87] 1998-06-25 (WO98/26954) [30] US (761,296) 1996-12-06</p>	<p style="text-align: right;">[21] <b>2,270,552</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07C 67/347 6C07C 69/716</b> [25] EN [54] <b>PROCESS FOR THE CONTINUOUS PREPARATION OF AN ALKYL 5-FORMYLVALERATE COMPOUND</b> [54] <b>PROCEDE D'ELABORATION EN CONTINU D'UN COMPOSE ALKYL 5-FORMYLVALERATE</b> [72] GELLING, Onko Jan, NL [72] BORMAN, Petrus Cornelis, NL [71] DSM N.V., NL [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-04-30 [86] 1997-10-30 (PCT/NL97/00596) [87] 1998-05-14 (WO98/19990) [30] AT (96203071.4) 1996-11-04</p>
<p style="text-align: right;">[21] <b>2,270,547</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E04H 1/00</b> [25] EN [54] <b>LOAD-BEARING BALE BUILDING SYSTEM</b> [54] <b>SYSTEME DE CONSTRUCTION A BALLE PORTEUSES</b> [72] GARD, Marvin O., US [71] GARD, Marvin O., US [85] 1999-04-30 [86] 1997-10-29 (PCT/US97/19620) [87] 1998-05-07 (WO98/19028) [30] US (08/739,886) 1996-10-30</p>	<p style="text-align: right;">[21] <b>2,270,550</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65G 23/44</b> [25] EN [54] <b>A DEVICE FOR STEERING A CONVEYOR BELT</b> [54] <b>DISPOSITIF DE DIRECTION POUR BANDE DE CONVOYEUR</b> [72] MALMBERG, Mats Anders, SE [71] SVEDALA TRELLEX AB, SE [85] 1999-04-30 [86] 1997-06-12 (PCT/SE97/01031) [87] 1998-05-14 (WO98/19943) [30] SE (9604019-1) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,553</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B61D 3/18 6B61D 47/00 6B65G 63/02</b> [25] EN [54] <b>RAIL/ROAD TRANSPORT</b> [54] <b>FERROUTAGE</b> [72] MURRAY, Noel William, AU [72] RANDELL, Robert Edwin, AU [72] KNIGHT, John Keith, AU [72] DRANSFIELD, Peter, AU [72] KUHNELL, Bruce Thomas, AU [71] RAILROAD TECHNOLOGIES PTY. LTD., AU [85] 1999-05-03 [86] 1997-10-31 (PCT/AU97/00741) [87] 1998-05-14 (WO98/19902) [30] AU (PO 3414) 1996-11-04 [30] AU (PO 6987) 1997-05-23</p>
<p style="text-align: right;">[21] <b>2,270,548</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01W 1/14</b> [25] EN [54] <b>WINTER PRECIPITATION MEASURING SYSTEM</b> [54] <b>SYSTEME DE MESURE DES PRECIPITATIONS HIVERNALES</b> [72] HALLETT, John, US [72] RASMUSSEN, Roy Martin, US [71] UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH, US [71] NEVADA, UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF, on behalf of DESERT, US [85] 1999-04-30 [86] 1997-10-28 (PCT/US97/19581) [87] 1998-05-14 (WO98/20372) [30] US (08/740,757) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,551</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/00 6A01N 43/40 6A61K 7/48 6A61K 7/50</b> [25] EN [54] <b>WASHING DISINFECTANT FOR HYGIENIC AND SURGICAL HAND DISINFECTION</b> [54] <b>AGENT ANTISEPTIQUE DE LAVAGE POUR LA DESINFECTION HYGIENIQUE ET CHIRURGICALE DES MAINS</b> [72] BEHRENDTS, Sabine, DE [72] MOHR, Michael, DE [72] PUCHSTEIN, Burghard, DE [72] GORONCY-BERMES, Peter, DE [71] AIR LIQUIDE SANTÉ (INTERNATIONAL), FR [85] 1999-04-30 [86] 1997-10-29 (PCT/EP97/06071) [87] 1998-05-14 (WO98/20095) [30] DE (P 196 47 692.5) 1996-11-05</p>	<p style="text-align: right;">[21] <b>2,270,554</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A47L 15/42 6F16K 3/02 6B65D 90/58</b> [25] EN [54] <b>DRAIN VALVE FOR A WAREWASHER</b> [54] <b>SOUPAPE DE VIDANGE POUR LAVE-VAISSELLE</b> [72] POLLOCK, Flavil M., US [72] WATSON, Michael T., US [71] PREMARK FEG L.L.C., US [85] 1999-05-03 [86] 1998-09-04 (PCT/US98/18534) [87] 1999-03-11 (WO99/11172) [30] US (60/057,612) 1997-09-04</p>



## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,270,555</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F02B 23/10</b> [25] EN [54] <b>METHOD OF OPERATING AN INTERNAL COMBUSTION ENGINE</b> [54] <b>PROCEDE POUR ACTIONNER UN MOTEUR A COMBUSTION INTERNE</b> [72] HELLMICH, Wolfram, DE [71] FICHT GMBH &amp; CO. KG, DE [85] 1999-04-30 [86] 1997-10-15 (PCT/EP97/05655) [87] 1998-05-07 (WO98/19058) [30] DE (196 43 886.1) 1996-10-30</p>	<p style="text-align: right;">[21] <b>2,270,558</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/40</b> [25] EN [54] <b>TREATMENT OF AUTOIMMUNE DISEASES BY PHOTOCHEMOTHERAPY</b> [54] <b>TRAITEMENT DE MALADIES AUTO-IMMUNES PAR PHOTOCHEMOTHERAPIE</b> [72] KUROIWA, Yurkari, JP [72] ARAAKE, Minako, JP [72] SUWA, Hiroshi, JP [72] AIZAWA, Katsuo, JP [71] MEIJA SEIKA KAISHA, LTD., JP [85] 1999-04-30 [86] 1997-10-17 (PCT/JP97/03769) [87] 1998-05-14 (WO98/19677) [30] JP (8-293061) 1996-11-06 [30] JP (9-204711) 1997-07-30</p>	<p style="text-align: right;">[21] <b>2,270,560</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01D 15/08</b> [25] EN [54] <b>ION CHROMATOGRAPHIC METHOD AND APPARATUS USING A COMBINED SUPPRESSOR AND ELUENT GENERATOR</b> [54] <b>PROCEDE ET APPAREIL DE CHROMATOGRAPHIE PAR ECHANGE D'IONS UTILISANT UN SUPRESSEUR ET UN GENERATEUR D'ELUANT COMBINES</b> [72] SMALL, Hamish, US [72] ADVALOVIC, Nebojsa, US [72] RIVIELLO, John M., US [72] LIU, Yan, US [71] DIONEX CORPORATION, US [85] 1999-05-03 [86] 1998-09-04 (PCT/US98/18435) [87] 1999-03-11 (WO99/11351) [30] US (08/925,813) 1997-09-04</p>
<p style="text-align: right;">[21] <b>2,270,556</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E21B 37/06 6C09K 7/00 6E21B 43/25 6E21B 43/26</b> [25] EN [54] <b>METHOD FOR IMPROVED STIMULATION TREATMENT</b> [54] <b>PROCEDE DE PERFECTIONNEMENT DE TRAITEMENT PAR STIMULATION</b> [72] BRANNON, Harold D., US [72] TJON-JOE-PIN, Robert M., US [72] BEALL, Brian B., US [71] BJ SERVICES COMPANY, US [85] 1999-04-30 [86] 1997-10-14 (PCT/US97/18903) [87] 1998-05-14 (WO98/20230) [30] US (08/746,103) 1996-11-06</p>	<p style="text-align: right;">[21] <b>2,270,559</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29B 9/06</b> [25] EN [54] <b>PROCESS FOR PREPARING PELLETS OF SAPONIFIED ETHYLENE/VINYL ACETATE COPOLYMER</b> [54] <b>PROCEDE POUR LA PREPARATION DE PASTILLES DE COPOLYMERE D'ETHYLENE ET D'ACETATE DE VINYLE SAPONIFIE</b> [72] NINOMIYA, Kenji, JP [72] IZUMI, Koji, JP [72] KUNIEDA, Makoto, JP [71] NIPPON GOHSEI KAGAKU KOGYO KABUSHIKI KAISHA, JP [85] 1999-05-03 [86] 1998-09-07 (PCT/JP98/04007) [87] 1999-03-18 (WO99/12714) [30] JP (260844/1997) 1997-09-08 [30] JP (260845/1997) 1997-09-08 [30] JP (272058/1997) 1997-09-17 [30] JP (39764/1998) 1998-02-04 [30] JP (116110/1998) 1998-04-10 [30] JP (116111/1998) 1998-04-10 [30] JP (152148/1998) 1998-05-15</p>	<p style="text-align: right;">[21] <b>2,270,561</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/70 6A61K 31/28 6A61K 31/57 6A61K 31/58</b> [25] EN [54] <b>SYNERGISTIC GOLD-CONTAINING COMPOSITIONS</b> [54] <b>COMPOSITIONS SYNERGIQUES CONTENANT DE L'OR</b> [72] THOMAS, Richard Edward, AU [71] MEDICAL INNOVATIONS LIMITED, AU [85] 1999-05-03 [86] 1997-11-04 (PCT/AU97/00747) [87] 1998-05-14 (WO98/19683) [30] AU (PO 3473) 1996-11-04</p>
<p style="text-align: right;">[21] <b>2,270,557</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12M 1/02 6C12M 3/00 6B01L 7/02 6C12M 1/38</b> [25] EN [54] <b>CELL CULTURE INCUBATOR</b> [54] <b>INCUBATEUR POUR CULTURE CELLULAIRE</b> [72] GOFFE, Randal A., US [71] GENESPAN CORPORATION, US [85] 1999-05-03 [86] 1997-10-29 (PCT/US97/19636) [87] 1998-05-14 (WO98/20106) [30] US (08/740,729) 1996-11-01</p>	<p style="text-align: right;">[21] <b>2,270,562</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01B 9/02 6H01B 11/12</b> [25] EN [54] <b>LIGHTNING RETARDANT CABLE</b> [54] <b>CABLE ATTENUATEUR DE Foudre</b> [72] GASQUE, Samuel N., Jr., US [71] GASQUE, Marilyn A., US [85] 1999-04-30 [86] 1997-02-28 (PCT/IB97/00184) [87] 1998-05-07 (WO98/19314) [30] US (08/741,536) 1996-10-31</p>	

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,270,563</b> [13] A1</p> <p>[51] <b>Int.Cl. 6E06B 1/34</b> [25] EN [54] <b>A WINDOW HAVING A WINDOW FRAME</b> [54] <b>FENETRE DOTEE D'UN CADRE DE FENETRE</b> [72] LINDGREN, Claes, DK [71] VELUX INDUSTRI A/S, DK [85] 1999-05-03 [86] 1997-11-13 (PCT/DK97/00515) [87] 1998-05-28 (WO98/22686) [30] DK (1315/96) 1996-11-19</p>	<p style="text-align: right;">[21] <b>2,270,568</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 5/00</b> [25] EN [54] <b>MEGAVOLTAGE RADIATION THERAPY MACHINE COMBINED WITH DIAGNOSTIC IMAGING DEVICES</b> [54] <b>MACHINE DE RADIOTHERAPIE UTILISANT UNE TENSION DE L'ORDRE DU MEGAVOLT ET COMBINEE A DES DISPOSITIFS D'IMAGERIE DIAGNOSTIQUE</b> [72] SAHADEVAN, Velayudhan, US [71] SAHADEVAN, Velayudhan, US [85] 1999-05-03 [86] 1996-09-12 (PCT/US96/14143) [87] 1998-03-19 (WO98/10696) [30] US (712,623) 1996-09-11</p>	<p style="text-align: right;">[21] <b>2,270,574</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 37/02 6C07C 29/17 6B01J 23/62</b> [25] FR [54] <b>CATALYSEURS D'HYDROGENATION SELECTIVE CONTENANT DU PALLADIUM ET AU MOINS UN ELEMENT CHOISI PARMIL'ETAIN ET LE PLOMB</b> [54] <b>SELECTIVE HYDROGENATION CATALYSTS CONTAINING PALLADIUM AND AT LEAST ONE ELEMENT SELECTED AMONG TIN AND LEAD</b> [72] CAMERON, Charles, FR [72] DIDILLON, Blaise, FR [72] GAUTREAU, Christophe, FR [71] INSTITUT FRANÇAIS DU PÉTROLE, FR [85] 1999-04-27 [86] 1997-10-28 (PCT/FR97/01929) [87] 1998-05-14 (WO98/19793) [30] FR (96/13576) 1996-11-07</p>
<p style="text-align: right;">[21] <b>2,270,565</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/57 6A61K 31/565</b> [25] EN [54] <b>PROGESTERONE FOR TREATING OR REDUCING ISCHEMIA</b> [54] <b>PROGESTERONE UTILISEE POUR TRAITER OU REDUIRE L'ISCHEMIE</b> [72] LEVINE, Howard L., US [72] BOLOGNA, William J., US [71] COLUMBIA LABORATORIES (BERMUDA) LIMITED, BM [85] 1999-05-03 [86] 1997-11-04 (PCT/US97/20923) [87] 1998-05-14 (WO98/19681) [30] US (08/743,153) 1996-11-04</p>	<p style="text-align: right;">[21] <b>2,270,573</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01B 15/023</b> [25] FR [54] <b>PROCEDE DE REGENERATION DES DERIVES DE L'ANTHRAQUINONE AU COURS DU PROCEDE DE SYNTHESE DE L'EAU OXYGENEE</b> [54] <b>METHOD FOR REGENERATING ANTHRAQUINONE DERIVATIVES DURING A SYNTHESIS PROCESS OF HYDROGEN PEROXIDE 30 %</b> [72] NEDEZ, Christophe, FR [72] LE LOARER, Jean-Luc, FR [72] TAXIL, Bernard, FR [71] PROCATALYSE, FR [85] 1999-04-22 [86] 1997-10-24 (PCT/FR97/01909) [87] 1998-05-07 (WO98/18715) [30] FR (96/13028) 1996-10-25</p>	<p style="text-align: right;">[21] <b>2,270,575</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B25G 1/10 6B29C 67/00 6B67B 7/04 6B67B 7/16</b> [25] FR [54] <b>PIECE D'EQUIPEMENT DECORATIVE UTILISEE COMME POIGNEE</b> [54] <b>DECORATIVE EQUIPMENT PIECE USED AS A HANDLE</b> [72] DONCK, Daniel, BE [71] DONCK, Daniel, BE [85] 1999-04-27 [86] 1997-10-30 (PCT/BE97/00126) [87] 1998-05-07 (WO98/18602) [30] BE (9600926) 1996-10-31</p>
<p style="text-align: right;">[21] <b>2,270,567</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F17C 1/16 6B29C 53/60</b> [25] EN [54] <b>REINFORCED PLASTIC CONTAINER</b> [54] <b>CONTENANT PLASTIQUE RENFORCE</b> [72] BERGLUND, Kurt, SE [71] COMPOSITE SCANDINAVIA AB, SE [85] 1999-05-03 [86] 1997-11-03 (PCT/SE97/01832) [87] 1998-05-14 (WO98/20274) [30] SE (9604051-4) 1996-11-04</p>		

## PCT Applications Entering the National Phase

<p style="text-align: right;">[21] <b>2,270,576</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/13</b> [25] FR [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UN DERIVE DE PARAPHENYLENEDIAMINE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [54] <b>COMPOSITION DE TEINTURE D'OXYDATION DES FIBRES KERATINIQUES COMPRENANT UN DERIVE DE PARAPHENYLENEDIAMINE ET PROCEDE DE TEINTURE METTANT EN OEUVRE CETTE COMPOSITION</b> [72] COTTERET, Jean, FR [72] AUDOUSSET, Marie-Pascale, FR [71] L'OREAL, FR [85] 1999-04-27 [86] 1997-10-23 (PCT/FR97/01901) [87] 1998-05-14 (WO98/19662) [30] FR (96/13600) 1996-11-07</p>	<p style="text-align: right;">[21] <b>2,270,578</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01C 19/72</b> [25] FR [54] <b>GYROMETRE A FIBRE OPTIQUE MULTIMODE, A RESOLUTION ET A STABILITE AMELIOREES</b> [54] <b>MULTIMODE OPTICAL FIBER GYROMETER, WITH IMPROVED RESOLUTION AND STABILITY</b> [72] BOUAMRA, Mohamed, FR [71] TALLTEC TECHNOLOGIES HOLDINGS FOUNDATION, LI [85] 1999-04-28 [86] 1997-11-14 (PCT/FR97/02057) [87] 1998-05-22 (WO98/21551) [30] FR (96/14048) 1996-11-14</p>	<p style="text-align: right;">[21] <b>2,270,582</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01F 7/44</b> [25] FR [54] <b>FABRICATION D'ALUMINE CALCINEE A TAILLE DE CRISTALLITE REGLEE A LA DEMANDE AVEC UNE FAIBLE DISPERSION</b> [54] <b>MANUFACTURE OF CALCINED ALUMINA WITH CRYSTALLITE SIZE ADJUSTED ON REQUEST WITH LOW DISPERSION</b> [72] DEVILLE, Jean, FR [72] LAMERANT, Jean-Michel, FR [71] ALUMINIUM PECHINEY, FR [85] 1999-04-29 [86] 1997-11-03 (PCT/FR97/01966) [87] 1998-05-14 (WO98/19967) [30] FR (96/13622) 1996-11-04</p>
<p style="text-align: right;">[21] <b>2,270,577</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C01G 15/00 6C01G 1/12 6C01F 7/68 6C09K 11/84</b> [25] FR [54] <b>COMPOSE A BASE D'UN ALCALINO-TERREUX, DE SOUFRE ET D'ALUMINIUM, DE GALLIUM OU D'INDIUM, SON PROCEDE DE PREPARATION ET SON UTILISATION COMME LUMINOPHORE</b> [54] <b>COMPOUND WITH BASE OF AN ALKALINE-EARTH, SULPHUR AND ALUMINIUM, GALLIUM OR INDIUM, METHOD OF PREPARING SAME AND USE AS LUMINOPHORE</b> [72] MACAUDIERE, Pierre, FR [72] HUGUENIN, Denis, FR [71] RHODIA CHIMIE, FR [85] 1999-04-27 [86] 1997-10-28 (PCT/FR97/01935) [87] 1998-05-07 (WO98/18721) [30] FR (96/13352) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,579</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F15B 13/01</b> [25] FR [54] <b>DISPOSITIF DE MAINTIEN EN POSITION DE LA TIGE D'UN VERIN HYDRAULIQUE</b> [54] <b>DEVICE FOR HOLDING IN POSITION THE ROD OF A PRESSURE CYLINDER</b> [72] ANDRE, Jean-Luc, FR [71] LOHR INDUSTRIE, FR [85] 1999-04-28 [86] 1997-11-06 (PCT/FR97/01994) [87] 1998-05-14 (WO98/20260) [30] FR (96 13778) 1996-11-07</p>	<p style="text-align: right;">[21] <b>2,270,584</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06F 75/38</b> [25] FR [54] <b>PROCEDE POUR REALISER UNE LIAISON ETANCHE ENTRE LE CORPS DE CHAUFFE D'UNE SEMELLE DE FER A REPASSER A VAPEUR ET UNE PLAQUE ET SEMELLE DE FER A REPASSER AINSI OBTENUE</b> [54] <b>METHOD FOR PRODUCING A SEALED CONNECTION BETWEEN A STEAM IRON SOLE PLATE HEATING ELEMENT AND A PLATE AND RESULTING IRON SOLE PLATE</b> [72] DODIER, Philippe, FR [72] BRANDOLINI, Jean-Louis, FR [71] SEB S.A., FR [85] 1999-04-29 [86] 1998-09-01 (PCT/FR98/01875) [87] 1999-03-11 (WO99/11855) [30] FR (97/11098) 1997-09-02</p>
<p style="text-align: right;">[21] <b>2,270,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 317/66 6A61K 31/19 6A61K 31/335 6C07C 217/58 6C07D 317/58 6C07C 217/84</b> [25] FR [54] <b>DERIVES ARYLOXYPROPANOLAMINES, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS</b> [54] <b>ARYLOXYPROPANOLAMINE DERIVATIVES, METHOD OF PREPARATION AND APPLICATIONS THEREOF</b> [72] PIETRI-ROUXEL, France, FR [72] STROSBERG, Arthur Donny, FR [72] LECLERC, Gérard, FR [72] ARCHIMBAULT, Philippe, MC [71] VIRBAC S.A., FR [85] 1999-04-29 [86] 1997-11-03 (PCT/FR97/01963) [87] 1998-05-14 (WO98/20005) [30] FR (96/13438) 1996-11-05</p>	<p style="text-align: right;">[21] <b>2,270,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 317/66 6A61K 31/19 6A61K 31/335 6C07C 217/58 6C07D 317/58 6C07C 217/84</b> [25] FR [54] <b>DERIVES ARYLOXYPROPANOLAMINES, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS</b> [54] <b>ARYLOXYPROPANOLAMINE DERIVATIVES, METHOD OF PREPARATION AND APPLICATIONS THEREOF</b> [72] PIETRI-ROUXEL, France, FR [72] STROSBERG, Arthur Donny, FR [72] LECLERC, Gérard, FR [72] ARCHIMBAULT, Philippe, MC [71] VIRBAC S.A., FR [85] 1999-04-29 [86] 1997-11-03 (PCT/FR97/01963) [87] 1998-05-14 (WO98/20005) [30] FR (96/13438) 1996-11-05</p>	<p style="text-align: right;">[21] <b>2,270,581</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C07D 317/66 6A61K 31/19 6A61K 31/335 6C07C 217/58 6C07D 317/58 6C07C 217/84</b> [25] FR [54] <b>DERIVES ARYLOXYPROPANOLAMINES, LEUR PROCEDE DE PREPARATION ET LEURS APPLICATIONS</b> [54] <b>ARYLOXYPROPANOLAMINE DERIVATIVES, METHOD OF PREPARATION AND APPLICATIONS THEREOF</b> [72] PIETRI-ROUXEL, France, FR [72] STROSBERG, Arthur Donny, FR [72] LECLERC, Gérard, FR [72] ARCHIMBAULT, Philippe, MC [71] VIRBAC S.A., FR [85] 1999-04-29 [86] 1997-11-03 (PCT/FR97/01963) [87] 1998-05-14 (WO98/20005) [30] FR (96/13438) 1996-11-05</p>

## Demandes PCT entrant en phase nationale

<p style="text-align: right;">[21] <b>2,270,588</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A23C 9/13 6A23G 3/00 6A21D 13/08 6A23C 19/093 6A23P 1/16</b></p> <p>[25] FR</p> <p>[54] <b>COMPOSITION ALIMENTAIRE SOLIDE AVEC FOURRAGE FOISONNE ET PROCEDE DE PREPARATION</b></p> <p>[54] <b>SOLID FOOD COMPOSITION WITH OVERRUN FILLING AND METHOD OF PREPARATION</b></p> <p>[72] SCHOKOLS, Manfred, DE</p> <p>[72] PINGEL, Alexandrine, DE</p> <p>[71] COMPAGNIE GERVAIS DANONE, FR</p> <p>[85] 1999-04-30</p> <p>[86] 1997-10-30 (PCT/FR97/01948)</p> <p>[87] 1998-05-07 (WO98/18337)</p> <p>[30] FR (96/13328) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,591</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 7/06</b></p> <p>[25] FR</p> <p>[54] <b>COMPOSITION COSMETIQUE COMPRENANT UN POLYMERE ANIONIEN OU NON IONIQUE ET UNE SILICONE CARBOXYLIQUE</b></p> <p>[54] <b>COSMETIC COMPOSITION CONTAINING AN ANIONIC OR NON IONIC POLYMER AND A CARBOXYLIC SILICON</b></p> <p>[72] DUPUIS, Christine, FR</p> <p>[71] L'OREAL, FR</p> <p>[85] 1999-05-03</p> <p>[86] 1997-10-27 (PCT/FR97/01922)</p> <p>[87] 1998-05-22 (WO98/20833)</p> <p>[30] FR (96/13759) 1996-11-12</p>	<p style="text-align: right;">[21] <b>2,270,594</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 9/28 6C11D 3/00 6C11D 17/00 6C11D 3/48</b></p> <p>[25] EN</p> <p>[54] <b>ANTISEPTIC SOAP BAR</b></p> <p>[54] <b>PAIN DE SAVON ANTISEPTIQUE</b></p> <p>[72] PAYNE, David Norman, GB</p> <p>[71] RECKITT &amp; COLMAN PRODUCTS LIMITED, GB</p> <p>[85] 1999-05-04</p> <p>[86] 1997-09-26 (PCT/GB97/02648)</p> <p>[87] 1998-05-22 (WO98/21306)</p> <p>[30] GB (9623377.0) 1996-11-09</p>
<p style="text-align: right;">[21] <b>2,270,590</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B01J 27/188 6C10G 45/08 6B01J 35/10</b></p> <p>[25] FR</p> <p>[54] <b>CATALYSEUR CONTENANT DU PHOSPHORE ET PROCEDE D'HYDROTRAITEMENT DE CHARGES PETROLIERES AVEC CE CATALYSEUR</b></p> <p>[54] <b>CATALYST CONTAINING PHOSPHORUS AND METHOD FOR HYDRO-TREATING OIL FEEDSTOCKS WITH THIS CATALYST</b></p> <p>[72] GEORGE-MARCHAL, Nathalie, FR</p> <p>[72] HARLE, Virginie, FR</p> <p>[72] MIGNARD, Samuel, FR</p> <p>[72] KASZTELAN, Slavik, FR</p> <p>[71] INSTITUT FRANÇAIS DU PÉTROLE, FR</p> <p>[85] 1999-05-03</p> <p>[86] 1997-11-07 (PCT/FR97/02006)</p> <p>[87] 1998-05-22 (WO98/20969)</p> <p>[30] FR (96/13797) 1996-11-13</p>	<p style="text-align: right;">[21] <b>2,270,592</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65G 17/38</b></p> <p>[25] FR</p> <p>[54] <b>DISPOSITIF DE TRANSFERT</b></p> <p>[54] <b>TRANSFER DEVICE</b></p> <p>[72] GUIFFANT, Alain, FR</p> <p>[72] CORNET, Maurice, FR</p> <p>[71] SIDEL, FR</p> <p>[85] 1999-05-03</p> <p>[86] 1997-11-04 (PCT/FR97/01968)</p> <p>[87] 1998-05-14 (WO98/19942)</p> <p>[30] FR (96/13824) 1996-11-04</p>	<p style="text-align: right;">[21] <b>2,270,595</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08J 5/22</b></p> <p>[25] EN</p> <p>[54] <b>ELECTROLYTIC MEMBRANE, METHOD OF MANUFACTURING IT AND USE</b></p> <p>[54] <b>MEMBRANE ELECTROLYTIQUE, SON PROCEDE DE FABRICATION ET SON UTILISATION</b></p> <p>[72] DE BRUIJN, Frank Albert, NL</p> <p>[72] CALIS, Gijsbertus Hendrikus Maria, NL</p> <p>[72] MALLANT, Ronald Karel Antoine Maria, NL</p> <p>[71] DSM N.V., NL</p> <p>[85] 1999-05-04</p> <p>[86] 1997-11-05 (PCT/NL97/00609)</p> <p>[87] 1998-05-14 (WO98/20063)</p> <p>[30] NL (1004456) 1996-11-06</p> <p>[30] NL (1006322) 1997-06-16</p>
<p style="text-align: right;">[21] <b>2,270,593</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C12N 9/54</b></p> <p>[25] EN</p> <p>[54] <b>SUBTILASE VARIANTS AND COMPOSITIONS</b></p> <p>[54] <b>VARIANTS ET COMPOSITIONS DE SUBTILASE</b></p> <p>[72] VON DER OSTEN, Claus, DK</p> <p>[72] HANSEN, Peter Kamp, DK</p> <p>[72] BAUDITZ, Peter, DK</p> <p>[71] NOVO NORDISK A/S, DK</p> <p>[85] 1999-05-04</p> <p>[86] 1997-10-31 (PCT/DK97/00493)</p> <p>[87] 1998-05-14 (WO98/20115)</p> <p>[30] DK (1236/96) 1996-11-04</p> <p>[30] DK (0784/97) 1997-07-02</p> <p>[30] US (60/052,482) 1997-07-14</p> <p>[30] DK (1198/97) 1997-10-20</p>	<p style="text-align: right;">[21] <b>2,270,596</b> [13] A1</p> <p>[51] <b>Int.Cl. 6F22B 37/10 6F22B 29/06</b></p> <p>[25] EN</p> <p>[54] <b>METHOD APPLICABLE TO A CONTINUOUS STEAM GENERATOR, AND THE STEAM GENERATOR NEEDED FOR APPLYING SAME</b></p> <p>[54] <b>PROCEDE APPLICABLE AVEC UN GENERATEUR DE VAPEUR EN CONTINU, ET LE GENERATEUR DE VAPEUR NECESSAIRE A L'APPLICATION DE CE PROCEDE</b></p> <p>[72] KOHLER, Wolfgang, DE</p> <p>[72] KASTNER, Wolfgang, DE</p> <p>[72] WITTCHEW, Eberhard, DE</p> <p>[71] SIEMENS AKTIENGESELLSCHAFT, DE</p> <p>[85] 1999-05-04</p> <p>[86] 1997-10-24 (PCT/DE97/02479)</p> <p>[87] 1998-05-14 (WO98/20280)</p> <p>[30] DE (196 45 748.3) 1996-11-06</p>	

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<p style="text-align: center;">[21] <b>2,270,598</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D21C 9/147 6D21C 9/10</b> [25] EN [54] <b>METHOD FOR CONTROLLING OXYGEN DELIGNIFICATION OF PULP</b> [54] <b>PROCEDE DE GESTION DE LA DELIGNIFICATION A L'OXYGENE DE PATE</b> [72] HÄGGQVIST, Jan-Eric, SE [72] BOKSTROM, Monica, SE [71] SUNDS DEFIBRATOR INDUSTRIES AB, SE [85] 1999-05-04 [86] 1997-11-06 (PCT/SE97/01852) [87] 1998-06-04 (WO98/23810) [30] SE (9604350-0) 1996-11-26</p>	<p style="text-align: center;">[21] <b>2,270,606</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15 6B32B 27/12</b> [25] EN [54] <b>ABSORBENT ARTICLE HAVING A BREATHABLE, FLUID IMPERVIOUS BACKSHEET</b> [54] <b>ARTICLE ABSORBANT POURVU D'UNE COUCHE INFERIEURE RESPIRANT MAIS IMPERMEABLE AUX FLUIDES</b> [72] CURRO, John Joseph, US [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-05-05 [86] 1997-11-04 (PCT/US97/20158) [87] 1998-05-14 (WO98/19861) [30] US (08/744,487) 1996-11-06</p>	<p style="text-align: center;">[21] <b>2,270,612</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22C 15/24</b> [25] EN [54] <b>FACILITY AND METHOD FOR PRODUCING CAST SHELLS OR CAST CORE PACKS</b> [54] <b>DISPOSITIF ET PROCEDE DE FABRICATION DE MASQUES DE COULEE OU DE PAQUETS DE NOYAUX DE COULEE</b> [72] POHLANDT, Werner, DE [72] SEIRAFFI, Mohammed Ali, DE [71] HOTTINGER MASCHINENBAU GMBH, DE [85] 1999-05-04 [86] 1997-09-01 (PCT/DE97/01911) [87] 1998-05-14 (WO98/19810) [30] DE (196 45 448.4) 1996-11-04 [30] DE (197 25 379.2) 1997-06-16</p>
<p style="text-align: center;">[21] <b>2,270,599</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61L 15/28 6A61L 25/00 6A61L 27/00 6A61L 15/32</b> [25] EN [54] <b>CHEMICAL MODIFICATION OF BIOMEDICAL MATERIALS WITH GENIPIN</b> [54] <b>MODIFICATION CHIMIQUE DE MATERIAUX BIOMEDICAUX PAR LA GENIPINE</b> [72] SUNG, Hsing-Wen, TW [72] LIN, Ching-Kuan, TW [72] LEE, Thomas Chau-Jen (deceased), US [71] CHALLENGE BIOPRODUCTS CO., LTD., TW [85] 1999-05-04 [86] 1997-11-04 (PCT/US97/20113) [87] 1998-05-14 (WO98/19718) [30] US (60/030,701) 1996-11-05</p>	<p style="text-align: center;">[21] <b>2,270,609</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H01L 51/20 6H01L 51/30</b> [25] EN [54] <b>POLYMER LIGHT EMITTING DIODE</b> [54] <b>DIODE ELECTROLUMINESCENTE EN POLYMERE</b> [72] REBOURT, Eymard, GB [72] SAMUEL, Ifor David William, GB [72] DAILEY, Stuart, GB [72] MONKMAN, Andrew, GB [71] UNIVERSITY OF DURHAM, GB [85] 1999-05-04 [86] 1997-11-07 (PCT/GB97/03019) [87] 1998-05-14 (WO98/20565) [30] GB (9623204.6) 1996-11-07</p>	<p style="text-align: center;">[21] <b>2,270,613</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 85/10</b> [25] EN [54] <b>PACKAGING FOR SMOKING ARTICLES</b> [54] <b>EMBALLAGE POUR ARTICLES DE TABAC</b> [72] SAMPSON, John Roger, GB [72] PARKER, Michael Patrick, GB [72] BRAY, Andrew Jonathan, GB [72] STEWART-COX, Adrian Roy, GB [71] ROTHMANS INTERNATIONAL SERVICES LIMITED, GB [85] 1999-05-04 [86] 1997-11-19 (PCT/GB97/03183) [87] 1998-05-28 (WO98/22367) [30] GB (9624275.5) 1996-11-21 [30] GB (9716699.5) 1997-08-06 [30] GB (9721080.1) 1997-10-03</p>
<p style="text-align: center;">[21] <b>2,270,604</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04J 1/02 6H04B 1/02 6H04B 1/034</b> [25] EN [54] <b>CELLULAR TELEPHONE COMMUNICATION PROTOCOL</b> [54] <b>PROTOCOLE DE COMMUNICATIONS TELEPHONIQUE CELLULAIRES</b> [72] HERRING, Russell M., US [71] ATX RESEARCH, INC., US [85] 1999-05-05 [86] 1997-11-06 (PCT/US97/19939) [87] 1998-05-14 (WO98/20636) [30] US (60/029,721) 1996-11-08 [30] US (08/965,438) 1997-11-06</p>	<p style="text-align: center;">[21] <b>2,270,611</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22C 1/22</b> [25] EN [54] <b>FOUNDRY BINDER SYSTEMS WHICH CONTAIN ALCOHOL MODIFIED POLYISOCYANATES</b> [54] <b>SYSTEME DE LIANTS DE FONDERIE CONTENANT DES POLYISOCYANATES MODIFIES PAR DES ALCOOLS</b> [72] SINGH, Rina, US [72] DAMMANN, Laurence G., US [71] ASHLAND INC., US [85] 1999-05-04 [86] 1997-10-20 (PCT/US97/19126) [87] 1998-05-14 (WO98/19809) [30] US (08/743,765) 1996-11-07</p>	

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<p style="text-align: right;">[21] <b>2,270,615</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D01D 5/06 6D01F 6/00</b> [25] EN [54] <b>DISPERSION SPINNING PROCESS FOR POLY(TETRAFLUOROETHYLENE) AND RELATED POLYMERS</b> [54] <b>PROCEDE DE FILAGE PAR DISPERSION DE POLY(TETRAFLUORETHYLENE) ET DE POLYMERES ASSOCIES</b> [72] DONCKERS, Joseph Michael II, US [72] BLANKENBECKLER, Nicole Lee, US [72] KNOFF, Warren Francis, US [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-05-04 [86] 1997-12-16 (PCT/US97/23446) [87] 1998-07-02 (WO98/28470) [30] US (08/770,530) 1996-12-20</p>	<p style="text-align: right;">[21] <b>2,270,619</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/44 6A61K 48/00 6A61K 38/50</b> [25] EN [54] <b>METHODS FOR PROMOTING WOUND HEALING AND TREATING TRANSPLANT-ASSOCIATED VASCULOPATHY</b> [54] <b>PROCEDES POUR PROMOUVOIR LA CICATRISATION ET POUR TRAITER LES VASCULOPATHIES ASSOCIEES A DES TRANSPLANTATIONS</b> [72] EDINGTON, Howard David James, US [72] GELLER, David A., US [72] TZENG, Edith, US [72] SHEARS, Larry L., II, US [72] BILLIAR, Timothy R., US [71] UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, US [85] 1999-05-04 [86] 1997-11-07 (PCT/US97/20388) [87] 1998-05-14 (WO98/19701) [30] US (08/745,375) 1996-11-08</p>	<p style="text-align: right;">[21] <b>2,270,623</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 53/02 6C08L 23/02</b> [25] EN [54] <b>MODIFIED STYRENIC BLOCK COPOLYMER COMPOUNDS HAVING IMPROVED ELASTIC PERFORMANCE</b> [54] <b>COMPOSES MODIFIES DE COPOLYMERES STYRENIQUE SEQUENCE AYANT DES PROPRIETES ELASTIQUES AMELIOREES</b> [72] MODIC, Michael John, US [72] DJIAUW, Lie Khong, US [71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL [85] 1999-05-04 [86] 1997-11-14 (PCT/EP97/06436) [87] 1998-05-22 (WO98/21279) [30] US (08/749047) 1996-11-14</p>
<p style="text-align: right;">[21] <b>2,270,617</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08L 79/08 6C08L 67/00 6C08L 77/00</b> [25] EN [54] <b>INJECTION MOLDABLE POLYIMIDE RESIN COMPOSITION AND A METHOD OF PRODUCING ITS MOLDED ARTICLES</b> [54] <b>COMPOSITION DE RESINE POLYIMIDE SUSCEPTIBLE D'ETRE MOULEE PAR INJECTION ET PROCEDE DE PRODUCTION D'ARTICLES MOULES EN RESINE POLYIMIDE</b> [72] KAKU, Mureo, JP [71] E.I. DU PONT DE NEMOURS AND COMPANY, US [85] 1999-05-04 [86] 1997-11-21 (PCT/US97/21591) [87] 1998-05-28 (WO98/22533) [30] JP (JPA 8-312290) 1996-11-22</p>	<p style="text-align: right;">[21] <b>2,270,620</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 13/15</b> [25] EN [54] <b>ABSORBENT ARTICLE HAVING BARRIER CUFFS</b> [54] <b>ARTICLE ABSORBANT POURVU DE MANCHONS FAISANT BARRIERE</b> [72] TROMBETTA, Liberatore Antonio, CA [72] DARBY, Dennis Allen, CA [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-05-04 [86] 1997-11-04 (PCT/US97/20159) [87] 1998-05-14 (WO98/19644) [30] US (08/743,482) 1996-11-04</p>	<p style="text-align: right;">[21] <b>2,270,624</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B65D 85/10</b> [25] EN [54] <b>PACKAGING OF SMOKING ARTICLES</b> [54] <b>EMBALLAGE D'ARTICLES DE TABAC</b> [72] PARKER, Michael Patrick, GB [72] BATES, David John, GB [71] ROTHMANS INTERNATIONAL SERVICES LIMITED, GB [85] 1999-05-04 [86] 1997-11-19 (PCT/GB97/03184) [87] 1998-05-28 (WO98/22368) [30] GB (9624274.8) 1996-11-21 [30] GB (9716699.5) 1997-08-06 [30] GB (9721080.1) 1997-10-03</p>
		<p style="text-align: right;">[21] <b>2,270,625</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B22D 29/00 6C21D 9/00 6C21D 1/53</b> [25] EN [54] <b>SAND CORE REMOVAL AND CASTING HEAT TREATMENT</b> [54] <b>PROCEDE D'ELIMINATION DE NOYAU EN SABLE ET TRAITEMENT THERMIQUE DE PIECES COULEES</b> [72] ROAPER, Robert Bernard II, US [72] STAFFIN, Herbert Kenneth, US [72] BICKFORD, Karin Staffin, US [71] PROCEDYNE CORP., US [85] 1999-05-04 [86] 1997-01-06 (PCT/IB97/00103) [87] 1998-04-09 (WO98/14291) [30] US (724,542) 1996-09-30</p>

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[21] **2,270,627**  
[13] A1

[51] **Int.Cl. 6C22C 9/02 6C22C 9/04 6C22F 1/08**  
[25] EN  
[54] **COPPER ALLOY AND PROCESS FOR OBTAINING SAME**  
[54] **ALLIAGE DE CUIVRE ET SON PROCEDE D'OBTENTION**  
[72] BHARGAVA, Ashok K., US  
[71] WATERURY ROLLING MILLS, INC., US  
[85] 1999-05-04  
[86] 1998-06-24 (PCT/US98/13221)  
[87] 1999-03-25 (WO99/14388)  
[30] US (08/931,696) 1997-09-16

[21] **2,270,628**  
[13] A1

[51] **Int.Cl. 6C07F 9/40 6C07F 9/30 6C07F 9/48 6C08K 5/5313 6C08K 5/5333 6C08K 5/5393 6C07F 9/6568**  
[25] EN  
[54] **PROCESS FOR PREPARING ALUMINIUM SALTS OF ORGANIC PHOSPHORIC ACIDS**  
[54] **PROCEDE DE PREPARATION DE SELS D'ALUMINIUM D'ACIDES PHOSPHORIQUES ORGANIQUES**  
[72] KLEINER, Hans-Jerg, DE  
[72] SEITZ, Thomas, DE  
[71] TICONA GMBH, DE  
[85] 1999-05-04  
[86] 1997-10-23 (PCT/EP97/05855)  
[87] 1998-05-14 (WO98/20012)  
[30] DE (196 45 125.6) 1996-11-04

[21] **2,270,629**  
[13] A1

[51] **Int.Cl. 6A61K 38/18 6A61K 45/06**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR STIMULATING NEURITE GROWTH USING COMPOUNDS WITH AFFINITY FOR FKBP12 IN COMBINATION WITH NEUROTROPHIC FACTORS**  
[54] **METHODES ET COMPOSITIONS STIMULANT LA CROISSANCE DES NEURITES RECORANT A DES COMPOSES PRESENTANT UNE AFFINITE POUR LE FKBP12 ASSOCIES A DES FACTEURS NEUROTROPHIQUES**  
[72] SU, Michael, US  
[72] ZELLE, Robert E., US  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 1999-05-04  
[86] 1997-11-13 (PCT/US97/20867)  
[87] 1998-05-22 (WO98/20892)  
[30] US (08/748,448) 1996-11-13

[21] **2,270,630**  
[13] A1

[51] **Int.Cl. 6C08G 18/08 6D06N 7/00**  
[25] EN  
[54] **PREPARATION OF FILLED REACTIVE POLYURETHANE CARPET BACKING FORMULATIONS USING AN IN-LINE CONTINUOUS MIXING PROCESS**  
[54] **PREPARATION SELON UN PROCESSUS DE MELANGE CONTINU ET EN LIGNE DE FORMULATIONS UTILISEES DANS LA FABRICATION DE COUCHES DE SUPPORT DE MOQUETTES A BASE DE POLYURETHANNE REACTIF ET COMPORTANT DES MATIERES DE CHARGE**  
[72] MOBLEY, Larry W., US  
[72] JENKINES, Randall C., US  
[72] JENNINGS, James K., US  
[71] THE DOW CHEMICAL COMPANY, US  
[85] 1999-05-04  
[86] 1997-11-06 (PCT/US97/20859)  
[87] 1998-06-18 (WO98/25983)  
[30] US (60/033,128) 1996-12-10

[21] **2,270,632**  
[13] A1

[51] **Int.Cl. 6E01F 13/00 6E06B 7/00 6E06B 11/00 6E06C 7/06 6E05D 15/26 6E06B 7/28 6E06B 3/48**  
[25] EN  
[54] **RAPID ACCESS PORTAL PORTIQUE D'ACCES RAPIDE**  
[72] KELLEME, Carl W., US  
[72] RIEHM, George, US  
[72] PARKS, Donald, US  
[71] RAPOR, INC., US  
[85] 1999-05-04  
[86] 1997-11-14 (PCT/US97/21059)  
[87] 1998-05-28 (WO98/22658)  
[30] US (08/746,935) 1996-11-18

[21] **2,270,633**  
[13] A1

[51] **Int.Cl. 6C07H 21/00 6C07H 23/00 6C12Q 1/68**  
[25] EN  
[54] **ELECTRODES LINKED VIA CONDUCTIVE OLIGOMERS TO NUCLEIC ACIDS**  
[54] **ELECTRODES RELIEES PAR L'INTERMEDIAIRE D'OLIGOMERES CONDUCTEURS A DES ACIDES NUCLEIQUES**  
[72] GOZIN, Michael, US  
[72] KAYYEM, Jon F., US  
[72] O'CONNOR, Stephen D., US  
[72] YU, Changjun, US  
[71] CLINICAL MICRO SENSORS, US  
[85] 1999-05-04  
[86] 1997-11-05 (PCT/US97/20014)  
[87] 1998-05-14 (WO98/20162)  
[30] US (08/743,798) 1996-11-05  
[30] US (60/040,155) 1997-03-07  
[30] US (08/873,597) 1997-06-12  
[30] US (08/873,978) 1997-06-12  
[30] US (08/899,510) 1997-07-24  
[30] US (08/911,085) 1997-08-14  
[30] US (08/911,589) 1997-08-14

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[21] **2,270,634**  
[13] A1

[51] **Int.Cl. 6A61K 38/18 6A61K 45/06**  
[25] EN  
[54] **METHODS AND COMPOSITIONS FOR STIMULATING NEURITE GROWTH USING COMPOUNDS WITH AFFINITY FOR FKBP12 IN COMBINATION WITH NEUROTROPHIC FACTORS**  
[54] **METHODES ET COMPOSITIONS UTILISES POUR LA STIMULATION DE LA CROISSANCE DES NEURITES, DANS LESQUELLES ON UTILISE DES COMPOSES PRESENTANT UNE AFFINITE POUR LE FKBP12 ASSOCIES A DES FACTEURS NEUROTROPHIQUES**  
[72] ZELLE, Robert E., US  
[72] SU, Michael, US  
[71] VERTEX PHARMACEUTICALS INCORPORATED, US  
[85] 1999-05-04  
[86] 1997-11-13 (PCT/US97/20866)  
[87] 1998-05-22 (WO98/20891)  
[30] US (08/748,447) 1996-11-13

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[21] **2,270,655**  
[13] A1

[51] **Int.Cl. 6E04H 12/22 6A47G 33/12**  
[25] EN  
[54] **IMPROVEMENTS IN OR RELATING TO A SUPPORT DEVICE**  
[54] **AMELIORATIONS APORTEES A UN DISPOSITIF DE SUPPORT**  
[72] TSAPPI, Philip, GB  
[71] TSAPPI, Philip, GB  
[85] 1999-05-05  
[86] 1996-11-15 (PCT/GB96/02816)  
[87] 1998-05-22 (WO98/21431)  
[30] GB (9623404.2) 1996-11-08

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[21] **2,270,656**  
[13] A1

[51] **Int.Cl. 6H01M 10/40 6H02J 7/00 6H01M 4/02 6H01M 4/58**  
[25] EN  
[54] **NONAQUEOUS ELECTROLYTE BATTERY AND CHARGING METHOD THEREFOR**  
[54] **BATTERIE A ELECTROLYTE NON AQUEUX ET PROCEDE DE CHARGE DE CELLE-CI**  
[72] NISHIO, Koji, JP  
[72] KAMINO, Maruo, JP  
[72] KIDA, Yoshinori, JP  
[72] YOSHIMURA, Seiji, JP  
[72] OHSHITA, Ryuji, JP  
[72] NOHMA, Toshiyuki, JP  
[71] SANYO ELECTRIC CO., LTD., JP  
[85] 1999-05-05  
[86] 1998-03-05 (PCT/JP98/00923)  
[87] 1998-09-17 (WO98/40923)  
[30] JP (9/54451) 1997-03-10  
[30] JP (9/323084) 1997-11-25

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[21] **2,270,657**  
[13] A1

[51] **Int.Cl. 6H04Q 11/04**  
[25] EN  
[54] **SWITCHING TRANSMISSION UNITS TO AN EQUIVALENT CIRCUIT FOR THE PURPOSES OF BIDIRECTIONAL ASYNCHRONOUS CELL TRANSFER**  
[54] **COMMUTATION SUR CIRCUIT EQUIVALENT D'UNITES DE TRANSMISSION AUX FINS DU TRANSFERT BIDIRECTIONNEL DE CELLULES EN MODE ASYNCHRONE**  
[72] KLINK, Joachim, DE  
[71] SIEMENS AKTIENGESELLSCHAFT, DE  
[85] 1999-05-05  
[86] 1997-10-27 (PCT/DE97/02495)  
[87] 1998-05-14 (WO98/20699)  
[30] DE (196 46 016.6) 1996-11-07

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[13] A1

[51] **Int.Cl. 6G01K 7/34 6G01K 17/00**  
[25] EN  
[54] **A TEMPERATURE SENSOR AND SENSING APPARATUS**  
[54] **CAPTEUR DE TEMPERATURE ET APPAREIL DE DETECTION**  
[72] REICHLER, Roger, FR  
[72] DI MAIO, Marco, DE  
[71] EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM), LU  
[85] 1999-05-05  
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[87] 1998-05-14 (WO98/20316)  
[30] GB (9623139.4) 1996-11-06

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[21] **2,270,660**  
[13] A1

[51] **Int.Cl. 6A23L 2/60 6A23L 1/236**  
[25] EN  
[54] **SWEET-STABLE SOFT DRINKS, CONCENTRATES AND SYRUPS WITH DIPEPTIDE SWEETENER AND FRUCTAN**  
[54] **BOISSONS SANS ALCOOL, CONCENTRES ET SIROPS A GOUT SUCRE STABLE CONTENANT UN EDULCORANT DIPEPTIDIQUE ET DU FRUCTOSANE**  
[72] ROOYAKKERS, Maria Mathilda Arnolda, NL  
[72] HOEK, Annette Catherina, NL  
[72] ADMIRAAL, Alida Geertruida Maria, NL  
[71] HOLLAND SWEETENER COMPANY V.O.F., NL  
[71] COOPERATIE COSUN U.A., NL  
[85] 1999-05-05  
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[30] NL (1004464) 1996-11-07

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<p style="text-align: center;">[21] <b>2,270,661</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/425 6C07D 413/00 6C07D 271/12 6C07D 263/30 6A61K 31/415 6A61K 31/42 6C07D 233/64 6C07D 233/68</b></p> <p>[25] EN [54] <b>NOVEL COMPOUNDS USEFUL AS NEURO-PROTECTIVE AGENTS</b> [54] <b>NOUVEAUX COMPOSES UTILES COMME AGENTS NEURO-PROTECTEURS</b></p> <p>[72] SHADLE, John Kevin, US [72] PANETTA, Jill Ann, US [72] HEINZ, Lawrence Joseph, US [72] PHILLIPS, Michael LeRoy, US [71] ELI LILLY AND COMPANY, US [85] 1999-05-05 [86] 1997-10-06 (PCT/US97/17963) [87] 1998-04-16 (WO98/15274) [30] US (60/027,560) 1996-10-07</p>	<p style="text-align: center;">[21] <b>2,270,665</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01N 27/327 6C12Q 1/00 6G01N 33/543 6G01N 33/569 6C12Q 1/68</b></p> <p>[25] EN [54] <b>USE OF BIOSENSORS TO DIAGNOSE PLANT DISEASES</b> [54] <b>UTILISATION DE BIOCAPTEURS POUR DIAGNOSTIQUER DES MALADIES DES PLANTES</b></p> <p>[72] SHURMANN, Evelyn, CH [72] EHRAT, Markus, CH [72] DUVENECK, Gert Ludwig, DE [72] BINDER, Andres, CH [72] ETIENNE, Laurent, FR [72] OROSZLAN, Peter, CH [71] NOVARTIS AG, CH [85] 1999-05-05 [86] 1997-11-07 (PCT/EP97/06202) [87] 1998-05-22 (WO98/21571) [30] EP (96810772.2) 1996-11-11</p>	<p style="text-align: center;">[21] <b>2,270,668</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H03M 13/00</b></p> <p>[25] EN [54] <b>SOFT DECISION OUTPUT DECODER FOR DECODING CONVOLUTIONALLY ENCODED CODEWORDS</b> [54] <b>DECODEUR A SORTIE A DECISION PONDEREE PERMETTANT DE DECODER DES MOTS DE CODE A CODAGE CONVOLUTIONNEL</b></p> <p>[72] VITERBI, Andrew J., US [72] SINDHUSHAYANA, Nagabhushana T., US [71] QUALCOMM INCORPORATED, US [85] 1999-05-05 [86] 1997-11-06 (PCT/US97/20109) [87] 1998-05-14 (WO98/20617) [30] US (08/743,688) 1996-11-06</p>
<p style="text-align: center;">[21] <b>2,270,664</b> [13] A1</p> <p>[51] <b>Int.Cl. 6H04S 3/00 6H04S 1/00</b></p> <p>[25] EN [54] <b>MULTI-CHANNEL AUDIO ENHANCEMENT SYSTEM FOR USE IN RECORDING AND PLAYBACK AND METHODS FOR PROVIDING SAME</b> [54] <b>SYSTEME D'AMPLIFICATION ACOUSTIQUE A CANAUX MULTIPLES POUVANT ETRE UTILISE POUR L'ENREGISTREMENT ET LA LECTURE ET PROCEDES DE MISE EN OEUVRE DUDIT SYSTEME</b></p> <p>[72] KRAEMER, Alan D., US [72] KLAYMAN, Arnold I., US [71] SRS LABS, INC., US [85] 1999-05-05 [86] 1997-10-31 (PCT/US97/19825) [87] 1998-05-14 (WO98/20709) [30] US (08/743,776) 1996-11-07</p>	<p style="text-align: center;">[21] <b>2,270,667</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C08F 2/00 6C08F 10/06 6C08F 4/646</b></p> <p>[25] EN [54] <b>PROCESS FOR MAKING PROPYLENE HOMO OR COPOLYMERS</b> [54] <b>PROCEDE DE PREPARATION D'HOMOPOLYMERES OU DE COPOLYMERES DE PROPYLENE</b></p> <p>[72] GAROFF, Thomas, FI [72] ALA-HUIKKU, Sirpa, FI [72] LEINONEN, Timo, FI [72] HARLIN, Ali, FI [72] BERGMANN, Fred, NO [71] BOREALIS A/S, DK [85] 1999-05-05 [86] 1997-11-17 (PCT/FI97/00702) [87] 1998-05-28 (WO98/22514) [30] FI (964572) 1996-11-15</p>	<p style="text-align: center;">[21] <b>2,270,716</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09K 7/06 6C09K 7/02</b></p> <p>[25] EN [54] <b>ENHANCED MULTICOMPONENT MIXTURES FOR SOIL DECOMPOSITION</b> [54] <b>MELANGES MULTICOMPOSANTS AMELIORES POUR LA DESAGREGATION DU SOL</b></p> <p>[72] CLAAS, Marcus, DE [72] FUES, Johann-Friedrich, DE [72] FOERSTER, Thomas, DE [72] HEROLD, Claus-Peter, DE [72] VON TAPAVICZA, Stephan, DE [72] MUELLER, Heinz, DE [71] HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN, DE [85] 1999-04-29 [86] 1997-10-21 (PCT/EP97/05797) [87] 1998-05-07 (WO98/18881) [30] DE (196 43 840.3) 1996-10-30</p>

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<p style="text-align: right;">[21] <b>2,270,717</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C11D 3/37</b> [25] EN [54] <b>LIQUID AQUEOUS BLEACHING COMPOSITIONS AND PRETREATMENT PROCESS</b> [54] <b>COMPOSITIONS LIQUIDES AQUEUSES DE BLANCHIMENT ET PROCEDE DE PRETRAITEMENT</b> [72] O'SULLIVAN, Dennis Gerard, IT [72] RICCI, Carlo, IT [72] DEL DUCA, Valerio, IT [71] THE PROCTER &amp; GAMBLE COMPANY, US [85] 1999-04-29 [86] 1997-10-30 (PCT/US97/20154) [87] 1998-05-07 (WO98/18893) [30] EP (96870137.5) 1996-10-31</p>	<p style="text-align: right;">[21] <b>2,270,766</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 38/00 6C07K 1/00 6A61K 35/14</b> [25] EN [54] <b>PRETRAUMATIC USE OF HEMOGLOBIN</b> [54] <b>UTILISATION PRE-TRAUMATIQUE D'HEMOGLOBINE</b> [72] BURHOP, Kenneth E., US [71] BAXTER INTERNATIONAL INC., US [85] 1999-05-05 [86] 1997-11-05 (PCT/US97/20074) [87] 1998-05-22 (WO98/20886) [30] US (08/747,191) 1996-11-12</p>	<p style="text-align: right;">[21] <b>2,270,772</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61B 19/00</b> [25] EN [54] <b>USE OF HEMOGLOBIN TO PREVENT SEPSIS OR TREAT SYSTEMIC INFLAMMATORY RESPONSE SYNDROME</b> [54] <b>UTILISATION D'HEMOGLOBINE POUR PREVENIR LA SEPTICEMIE OU TRAITER LE SYNDROME DE LA REPONSE INFLAMMATOIRE GENERALISEE</b> [72] PRZYBELSKI, Robert J., US [72] BURHOP, Kenneth E., US [71] BAXTER INTERNATIONAL INC., US [85] 1999-05-05 [86] 1997-11-12 (PCT/US97/15854) [87] 1998-05-22 (WO98/20803) [30] US (08/745,495) 1996-11-12</p>
<p style="text-align: right;">[21] <b>2,270,718</b> [13] A1</p> <p>[51] <b>Int.Cl. 6D06N 7/00 6B32B 27/32</b> [25] EN [54] <b>PVC-FREE FOAMED FLOORING AND WALL COVERING AND A METHOD FOR MAKING THE SAME</b> [54] <b>REVETEMENT DE SOL ET MURAL CELLULAIRE, EXEMPT DE PVC ET SON PROCEDE DE FABRICATION</b> [72] SUH, Kyung W., US [72] KENNEDY, James G., NL [72] SHMIDT, Creston D., US [72] THOEN, Johan A., NL [71] THE DOW CHEMICAL COMPANY, US [85] 1999-05-05 [86] 1997-11-04 (PCT/US97/20255) [87] 1998-05-14 (WO98/20197) [30] US (08/746,035) 1996-11-06</p>	<p style="text-align: right;">[21] <b>2,270,769</b> [13] A1</p> <p>[51] <b>Int.Cl. 6C09C 1/02 6C09C 3/00 6D21H 17/64</b> [25] EN [54] <b>STABILIZED CALCIUM CARBONATE COMPOSITION USING SODIUM SILICATE AND ONE OR MORE WEAK ACIDS OR ALUM</b> [54] <b>COMPOSITION DE CARBONATE DE CALCIUM STABILISE UTILISANT DU SILICATE DE SODIUM ET AU MOINS UN ACIDE FAIBLE OU DE L'ALUM</b> [72] RPDROGIEZ, Jose M., US [72] SNOWDEN, Kevin, US [72] WU, Kuan-Ting, TW [71] ECC INTERNATIONAL INC., US [85] 1999-05-05 [86] 1997-10-24 (PCT/US97/19357) [87] 1998-05-14 (WO98/20079) [30] US (08/743,872) 1996-11-05</p>	<p style="text-align: right;">[21] <b>2,270,773</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61F 2/26</b> [25] EN [54] <b>PROSTHESIS HAVING AN ALIGNMENT INDICATOR AND METHOD OF USING SAME</b> [54] <b>PROTHESE DOTEE D'UN INDICATEUR D'ALIGNEMENT ET PROCEDE D'UTILISATION D'UNE TELLE PROTHESE</b> [72] STEELE, Martin T., Jr., US [72] PETRICK, Timothy B., US [72] DAUGHERTY, Michael J., US [71] MENTOR CORPORATION, US [85] 1999-05-05 [86] 1997-11-11 (PCT/US97/20268) [87] 1998-05-22 (WO98/20815) [30] US (08/747,223) 1996-11-12</p>
<p style="text-align: right;">[21] <b>2,270,719</b> [13] A1</p> <p>[51] <b>Int.Cl. 6G01V 1/38</b> [25] EN [54] <b>CONTROL DEVICES FOR CONTROLLING THE POSITION OF A MARINE SEISMIC STREAMER</b> [54] <b>DISPOSITIFS DE COMMANDE DE LA POSITION D'UNE FLUTE SISMIQUE MARINE</b> [72] BITTLESTON, Simon Hastings, NO [71] SCHLUMBERGER CANADA LIMITED, CA [85] 1999-05-05 [86] 1997-12-19 (PCT/GB97/03507) [87] 1998-07-02 (WO98/28636) [30] GB (9626442.9) 1996-12-20</p>	<p style="text-align: right;">[21] <b>2,270,770</b> [13] A1</p> <p>[51] <b>Int.Cl. 6B29C 70/52 6D21G 3/00 6D21G 3/02</b> [25] EN [54] <b>CARING DOCTOR BLADE AND METHOD FOR MANUFACTURE OF SAME</b> [54] <b>DOCTEUR D'ENTRETIEN ET SON PROCEDE DE FABRICATION</b> [72] RATA, Ilkka, FI [72] VESTOLA, Juhani, FI [71] VALMET CORPORATION, FI [85] 1999-05-05 [86] 1998-09-04 (PCT/FI98/00690) [87] 1999-03-18 (WO99/12726) [30] FI (973659) 1997-09-11</p>	<p style="text-align: right;">[21] <b>2,270,775</b> [13] A1</p> <p>[51] <b>Int.Cl. 6A61K 31/445 6A61K 9/00</b> [25] EN [54] <b>IMPROVED INTRAOCULAR IRRIGATING SOLUTION CONTAINING A POLYAMINE ANTAGONIST</b> [54] <b>SOLUTION D'IRRIGATION INTRAOCULAIRE AMELIOREE CONTENANT UN ANTAGONISTE DE LA POLYAMINE</b> [72] DeSANTIS, Louis Jr., US [72] KAPIN, Michael A., US [71] ALCON LABORATORIES, INC., US [85] 1999-05-05 [86] 1996-11-06 (PCT/US96/17686) [87] 1998-05-14 (WO98/19678)</p>

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[13] A1

[51] **Int.Cl. 6C07D 215/42 6C07D 401/04 6C07D 471/04 6C07D 487/04 6A61K 31/47 6C07D 239/94**  
[25] EN  
[54] **QUINOLINE AND QUINAZOLINE DERIVATIVES HAVING CORTICOTROPIN RELEASING FACTOR (CRF) ANTAGONIST ACTIVITY**  
[54] **DERIVES DE QUINOLEINE ET DE QUINAZOLINE POSSEDANT UNE ACTIVITE ANTAGONISTE DE FACTEUR DE LIBERATION DE CORTICOTROPHINE (CRF)**  
[72] TOOROP, Gerrit P. (Deceased), NL  
[72] REINDERS, Jan H., NL  
[72] JANSEN, Johannes, W. C. M., NL  
[72] RONKEN, Eric, NL  
[72] DEN HARTOG, Jacobus A. J., NL  
[72] VISSER, Gerben M., NL  
[72] TULP, Martinus T. M., NL  
[71] DUPHAR INTERNATIONAL RESEARCH B.V., NL  
[85] 1999-05-05  
[86] 1998-09-07 (PCT/EP98/05726)  
[87] 1999-03-18 (WO99/12908)  
[30] EP (97202762.7) 1997-09-09

[21] **2,270,778**  
[13] A1

[51] **Int.Cl. 6E04F 15/02 6E04F 15/14**  
[25] EN  
[54] **AN ARRANGEMENT FOR JOINTING TOGETHER ADJACENT PIECES OF FLOOR COVERING MATERIAL**  
[54] **SYSTEME POUR RACCORDER DES ELEMENTS ADJACENTS DE MATERIAU DE REVETEMENT DE SOL**  
[72] ANDERSSON, Kjell, SE  
[71] AB GOLVABIA, SE  
[85] 1999-05-05  
[86] 1997-10-24 (PCT/SE97/01780)  
[87] 1998-05-22 (WO98/21428)  
[30] SE (9604105-8) 1996-11-08

[21] **2,270,780**  
[13] A1

[51] **Int.Cl. 6A61K 38/00 6A61K 38/04 6A61K 38/06 6A01N 33/10 6A61K 31/505 6A61K 31/55 6A61K 31/58 6A61K 31/71**  
[25] EN  
[54] **METHOD FOR TREATING ALZHEIMER'S DISEASE**  
[54] **METHODE DE TRAITEMENT DE LA MALADIE D'ALZHEIMER**  
[72] JOBST, Kim Anthony, GB  
[72] SMITH, Anthony David, GB  
[71] BRISTOL-MYERS SQUIBB COMPANY, US  
[85] 1999-05-05  
[86] 1997-11-04 (PCT/US97/20021)  
[87] 1998-05-14 (WO98/19690)  
[30] US (60/030,642) 1996-11-06

[21] **2,270,782**  
[13] A1

[51] **Int.Cl. 6F04B 3/00 6F04B 23/00 6F04B 49/00 6F01C 1/30**  
[25] EN  
[54] **CASCADED PROGRESSING CAVITY PUMP SYSTEM**  
[54] **SYSTEMES DE POMPES A CAVITE PROGRESSIVE MONTEES EN CASCADE**  
[72] WILD, Alan G., US  
[72] MIRZA, Kamran Z., US  
[72] CHANG, Sheldon S.L., US  
[71] ROBBINS & MYERS, INC., US  
[85] 1999-05-05  
[86] 1997-09-18 (PCT/US97/16891)  
[87] 1998-05-14 (WO98/20259)  
[30] US (08/746,432) 1996-11-08

[21] **2,270,817**  
[13] A1

[51] **Int.Cl. 6A01N 33/04 6C05G 3/00**  
[25] EN  
[54] **METHOD FOR INCREASING FERTILIZER EFFICIENCY**  
[54] **PROCEDE POUR ACCROITRE L'EFFICACITE D'UN FERTILISANT**  
[72] MCINTYRE, John L., US  
[72] KINNERSLEY, Cheng-Yuh, US  
[72] KINNERSLEY, Alan M., US  
[72] COLEMAN, Robert D., US  
[71] AUXEIN CORPORATION, US  
[85] 1999-05-05  
[86] 1997-11-04 (PCT/US97/20334)  
[87] 1998-05-14 (WO98/19533)  
[30] US (08/744,593) 1996-11-06

[21] **2,270,819**  
[13] A1

[51] **Int.Cl. 6H04M 11/00**  
[25] EN  
[54] **HDSL AND POTS CARRIER SYSTEM**  
[54] **SYSTEME MULTIPLEX HDSL ET POTS**  
[72] AKERS, Francis I., US  
[71] GODIGITAL COMMUNICATIONS, INC., US  
[85] 1999-05-05  
[86] 1997-11-04 (PCT/US97/20111)  
[87] 1998-05-14 (WO98/20669)  
[30] US (08/747,068) 1996-11-08

[21] **2,270,821**  
[13] A1

[51] **Int.Cl. 6A61F 6/06**  
[25] EN  
[54] **VAGINAL DEVICE FOR PREVENTING CONCEPTION OR THE TRANSMISSION OF SEXUALLY TRANSMITTED DISEASES, OR BOTH**  
[54] **DISPOSITIF VAGINAL UTILISE EN CONTRACEPTION OU DANS LA PREVENTION DE LA TRANSMISSION DES MALADIES SEXUELLEMENT TRANSMISSIBLES, OU LES DEUX**  
[72] LUUKKAINEN, J. V. Tapani, FI  
[72] MARTIN, Parthena M., US  
[72] DORFLINGER, Lanetta J., US  
[72] SOKAL, David C., US  
[71] FAMILY HEALTH INTERNATIONAL, US  
[85] 1999-05-05  
[86] 1997-11-04 (PCT/US97/20080)  
[87] 1998-05-14 (WO98/19641)  
[30] US (60/030,361) 1996-11-06  
[30] US (08/960,898) 1997-10-30

[21] **2,270,822**  
[13] A1

[51] **Int.Cl. 6H04L 12/00 6H04M 15/00 6H04Q 3/00**  
[25] EN  
[54] **A SYSTEM AND A METHOD FOR ACCESSING SERVICES**  
[54] **SYSTEME ET PROCEDE POUR ACCEDER A DES SERVICES**  
[72] MELEN, Björn, FI  
[71] TELEFONAKTIEBOLAGET LM ERICSSON, SE  
[85] 1999-05-05  
[86] 1997-11-06 (PCT/FI97/00673)  
[87] 1998-05-14 (WO98/20646)  
[30] FI (964469) 1996-11-06

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[21] **2,270,835**

[13] A1

[51] **Int.Cl. 6C11D 3/50 6C08G 73/04  
6C11D 3/37**

[25] EN

[54] **PERFUME COMPOSITIONS**

[54] **COMPOSITIONS DE PARFUM**

[72] MASSCHELEIN, Axel, BE

[72] THOEN, Christiaan Arthur Jacques, BE

[71] THE PROCTER & GAMBLE  
COMPANY, US

[85] 1999-05-05

[86] 1997-11-06 (PCT/US97/18474)

[87] 1998-05-14 (WO98/20102)

[30] EP (96870140.9) 1996-11-07

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[21] **2,270,837**

[13] A1

[51] **Int.Cl. 6A61F 9/00**

[25] EN

[54] **DEVICE FOR OPTICALLY  
EXAMINING AND/OR TREATING THE  
HUMAN EYE**

[54] **DISPOSITIF D'EXAMEN OPTIQUE  
ET/OU DE TRAITEMENT DE L'OEIL  
HUMAIN**

[72] HEACOCK, Greg, GB

[72] DURR, Ulrich, CH

[72] FANKHAUSER, Franz, CH

[71] MERIDIAN AG, CH

[85] 1999-05-05

[86] 1997-11-03 (PCT/CH97/00417)

[87] 1998-05-14 (WO98/19642)

[30] CH (2724/96) 1996-11-05

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[21] **2,270,148**

[13] A1

[51] **Int.Cl. 6B41M 5/00**

[25] EN

[54] **RECORDING PAPER, INK-JET RECORDING PROCESS AND RECORDING SYSTEM MAKING USE OF THE RECORDING PAPER**

[54] **PAPIER D'ENREGISTREMENT, METHODE D'ENREGISTREMENT A JET D'ENCRE ET SYSTEME D'ENREGISTREMENT UTILISANT CE PAPIER D'ENREGISTREMENT**

[72] HIROSE, Mifune, JP

[72] SAKAKI, Mamoru, JP

[72] SUZUKI, Eiichi, JP

[72] KATAYAMA, Masato, JP

[71] CANON KABUSHIKI KAISHA, JP

[22] 1995-03-06

[43] 1995-09-09

[62] 2144015

[30] JP (6-37004) 1994-03-08

[30] JP (6-37005) 1994-03-08

[30] JP (6-37006) 1994-03-08

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[21] **2,270,151**

[13] A1

[51] **Int.Cl. 6G01N 1/14**

[25] EN

[54] **LOW CARRYOVER SAMPLE LIQUID ANALYSIS SYSTEM AND METHOD**

[54] **ANALYSEUR D'ECHANTILLON DE LIQUIDE A FAIBLE EFFET D'ENTRAINEMENT, METHODE ET SYSTEME**

[72] UFFENHEIMER, Kenneth F., US

[72] WEITZ, Stephen L., US

[72] DI DOMENICO, Nicholas F., US

[71] BAYER CORPORATION, US

[22] 1990-06-21

[43] 1991-01-24

[62] 2019519

[30] US (384,742) 1989-07-24

## **Canadian Laid-Open Applications Previously Unavailable for Publishing**

# Index of Canadian Patents Issued

July 27, 1999

## Index des brevets canadiens délivrés

27 juillet 1999

ABC Rail Products Corporation	2,181,110	AUSIMONT S.r.l.	1,340,679	BOEHRINGER	
Adams, Julian	1,340,681	AUSIMONT S.r.l.	1,340,680	INGELHEIM (CANADA)	
Adams, Julian	1,340,683	AUTOLIV ASP, INC.	2,185,635	LTEE.	1,340,683
Adams, Julian	1,340,684	Averill, Robert G.	2,006,272	BOEHRINGER INGELHEIM	
Aebischer, Patrick	2,049,056	Ayabe, Muneo	2,136,265	(CANADA) LTD./	
AEROQUIP CORPORATION	2,209,828	Bae, Woo Hyun	2,183,960	BOEHRINGER	
AERO-TECH SPORTS		Baker, Ernest D.	2,009,780	INGELHEIM (CANADA)	
CORPORATION	2,088,468	Bapat, Ajay V.	2,091,128	LTEE.	1,340,684
Agrawal, Prathima	2,152,110	Barrios, Carlos B.	2,025,663	Bogan, Gary W.	2,002,742
Air Industrie Systemes	2,004,063	Bartz, Volker	2,017,531	Bollon, Arthur Peter	1,340,674
Air Industrie Systemes - A.I.S.	2,155,707	BASF Aktiengesellschaft	2,091,128	Bonta, Jeffrey D.	2,176,391
AIR PRODUCTS AND		BASF LACKE + FARBEN		Borchelt, James E.	2,136,134
CHEMICALS, INC.	2,171,669	AKTIENGESELLSCHAFT	2,128,863	Borretzen, Bernt	2,158,853
Akzo nv	2,050,784	Bausch & Lomb Incorporated	2,177,971	Boulanger, Roger	2,133,299
Alba, Patrick Benjamin	2,171,669	Bausch & Lomb Incorporated	2,193,480	Boutin, Jean	2,011,093
ALCATEL CANADA INC.	2,085,160	BAYER		Boyer, Pierre	2,087,120
ALCATEL USA, INC.	2,187,289	AKTIENGESELLSCHAFT	2,023,721	Braun, Robert D.	2,053,436
Allard, Delphine	2,142,099	Bazel, Teresa L.	2,076,002	British Telecommunications	
ALLEN, John Leon	2,248,595	Bear Archery, Inc.	2,194,413	public limited company	2,195,437
Allford, Frederick G.	2,048,642	Beaulieu, Pierre Louis	1,340,681	Brown University Research	
Alt, Gerhard Horst	2,004,013	Beaulieu, Pierre Louis	1,340,682	Foundation	2,049,056
ALTECH COMPANY LIMITED	2,157,229	Beaulieu, Pierre Louis	1,340,683	Brown, Roy G.	2,076,002
Alvarez, Eldiberto F.	2,025,663	Beaulieu, Pierre Louis	1,340,684	Brun, Pierre	2,011,093
Alves, James F.	2,177,517	Beck, James M.	2,163,863	Buchholz, Brian S.	2,192,769
Amada Metrecs Company,		Becker, Thomas P.	2,053,436	Buchner, Tomasz	2,166,528
Limited	2,113,708	Becton, Dickinson and Company	2,077,981	Buck Werke GmbH & Co.	2,005,288
Amano, Tadashi	2,036,186	Becton, Dickinson and Company	2,161,731	Bundy Corporation	2,060,495
American Recreation Products,		BELOIT TECHNOLOGIES,		Bunker, Sanford Mark	2,185,635
Inc.	2,175,771	INC.	2,141,809	Burns, Michael Eugene	2,162,362
Ami, Kazuhiro	2,164,661	Bennett, Michael T.	2,088,468	Burzio, Fulvio	1,340,680
Amin, Mohamed-Samy A.	2,189,641	Bergamin, Renzo	2,007,048	Calapp, David E.	2,088,468
Ancel, Jean-Erick	2,176,199	Berntsson, Peter	2,176,884	CALDWELL	
Anderson, Richard L.	2,141,492	Bhola, Rakesh	2,150,037	MANUFACTURING	
Anderson, Thomas Wayne	2,195,490	Bienayme, Hugues	2,176,199	COMPANY	2,171,660
Animal Ultrasound Services, Inc.	2,115,999	Bilak, Roman A.	2,187,751	CAMCO INC.	2,062,016
Applied Research Systems ARS		Bingham, John A. C.	2,040,558	Cancro, Lewis Patrick	2,152,347
Holding N.V.	2,071,989	Birtwistle, David H.	2,075,767	Canon Kabushiki Kaisha	2,064,669
Argade, Pramod Vasant	2,172,748	Bishop, Robert J.	2,076,002	Canon Kabushiki Kaisha	2,106,706
Arimoto, Keigo	2,172,030	Blum, Harald	2,023,721	Canon Kabushiki Kaisha	2,154,970
Armstrong, Graeme D.	2,030,451	Blumenthal, Michael M.	2,011,307	CAOUTCHOUC	
Asada, Hidekazu	2,102,977	BOBST S.A.	2,152,003	MANUFACTURE ET	
Ascione, Jean-Marc	2,142,099	Bock, Wotjek J.	2,122,782	PLASTIQUES	2,166,972
ASHLAND INC.	2,096,235	BOEHRINGER INGELHEIM		Carney, Scott Nelson	2,185,133
AT&T Corp.	2,150,729	(CANADA) LTD./		Carolan, Michael Francis	2,171,669
AT&T CORP.	2,152,110	BOEHRINGER		Caron, Clément	2,105,221
AT&T CORP.	2,183,284	INGELHEIM (CANADA)		Caskey, Paul F.	2,153,869
AT&T IPM Corp.	2,172,748	LTEE	1,340,681	Cassano, James R.	2,076,835
ATLANTIC RESEARCH		BOEHRINGER INGELHEIM		Cateye Co., Ltd.	2,143,238
CORPORATION	2,076,002	(CANADA) LTD./		Cavallotti, Claudio	1,340,679
Atochem	2,032,355	BOEHRINGER		Cavallotti, Claudio	1,340,680
ATR Human Information		INGELHEIM (CANADA)		CCP, Inc.	2,153,869
Processing Research		LTEE	1,340,682	CELANESE GMBH	2,165,887
Laboratories	2,133,490	BOEHRINGER INGELHEIM		CF&I Steel, L.P., a limited	
Atsumi, Tetsuya	2,106,706	(CANADA) LTD./		partnership	2,069,888



## Index of Canadian Patents Issued July 27, 1999

Chappel, Scott C.	2,071,989	Downton, Galen Edward	2,155,966	Furuhashi, Hiroyuki	2,032,517
Charbonnel, Alain	2,005,593	Dretzka, Andrew P.	2,163,507	Furukimi, Osamu	1,340,687
Chen, Jeane Shu-Chun	2,103,134	Dries, Willy Maria Albert Carlo	2,170,622	Gallops, Henry M., Jr.	2,194,413
Chen, Yuhpyng L.	2,170,700	Dubois, Michel	2,107,261	Galyon, Stanley D.	2,081,903
Cheng, Alan T.	2,114,446	Dunkman, Dewey Duane	2,048,806	Gamble, Donald W.	2,040,590
Chiari, Mauro	2,152,003	Duplantier, Allen J.	2,181,175	Gao, Yang	2,156,952
Chiron Corporation	1,340,675	Duplantier, Allen Jacob	2,166,721	Gautheron, Michel	2,166,972
Choi, Yang Gyu	2,183,960	Du Pont Canada Inc.	2,014,813	Gawell, Peter	2,176,884
CHRISTIAN BROTHERS, INC.	2,088,468	Durland, Scott C.	2,076,835	GEC Alsthom Limited	2,158,161
Clark, Paul Eaton	2,158,161	Dutton, Christopher James	1,340,678	GEC-MARCONI LIMITED	2,010,959
Cleveland Range Ltd.	2,042,195	Dyer, Paul Nigel	2,171,669	Gellert, Jobst Ulrich	2,010,855
Coley, John	2,026,209	E.J. BROOKS COMPANY	2,181,821	GENERAL ELECTRIC COMPANY	2,005,529
Collins, Jerome Howard	2,162,362	EASTMAN CHEMICAL COMPANY	2,143,092	GENERAL ELECTRIC COMPANY	2,048,806
Compagnie Européenne du Zirconium Cezus	2,011,093	Easton, David Joseph	2,119,812	Generation II Orthotics Inc.	2,171,022
Consejo Superior Investigaciones Cientificas	2,025,663	Eaton Corporation	2,135,337	Gengler, Mark S.	2,171,158
CONTAINER CENTRALEN A/S	2,151,900	Eatwell, Graham P.	2,159,589	Gentile, James Louis	2,152,347
Cordier, André	2,004,063	Eckmann, Elizabeth J.	2,156,457	Georgopoulos, George	2,181,821
Cordier, André	2,155,707	EDGETECH I.G. LTD.	2,195,449	Gibson, Stephen Paul	1,340,678
Crass, Matthew M.	2,053,436	Elam, Dennis C.	2,068,963	Gleason Works	2,156,404
Creative Packaging Corporation	2,163,863	Eldridge, Robert B.	2,141,492	Glover, Michael	2,195,449
CRISSEY, Glenn C.	2,211,807	Eli Lilly and Company	2,009,074	Godek, Dennis Michael	2,101,433
CRISSEY, Merrill E.	2,211,807	Ellard, Terence R.	2,175,771	Goldberg, Aaron Jay	2,152,110
Cronin, Donal G.	2,030,451	Ellis, David A.	2,111,298	Goldman, Shelley B.	2,183,284
Cryderman, Robert L.	2,069,888	Ellwanger, Charles G.	2,156,404	GOODYEAR TIRE & RUBBER COMPANY (THE)	2,006,986
CTI, INC.	2,087,188	Endoh, Koichi	2,163,893	Gounot, Marie-Thérèse	2,009,562
Cussler, Edward L.	2,167,395	Engel, Ruediger	2,155,966	Graefe, Hans Albert	2,050,784
Dahlin, Jan Erik Ake Steiner	2,033,340	Engsbråten, Björn	2,116,463	Gray, Thomas A.	2,164,550
Dainichiseika Color & Chemicals Mfg. Co., Ltd.	2,157,064	ENSR Corporation	2,006,453	Green, David John	2,185,635
Dale, Rodney A.	2,176,845	ENVIRONMENTAL SYSTEMS PRODUCTS, INC.	2,088,030	Green, Ken	2,151,317
Dalen, Are	2,158,853	Ertele, Karl	2,031,217	Green, Martin Richard	2,173,444
DAMOTECH INC.	2,232,178	Estomba, Maria del Carmen Ochoa	2,025,663	Grenier, Louis	1,340,683
DANIEL INDUSTRIES, INC.	2,075,950	Evans, Ronald A.	2,164,550	Grice, Lonnie E.	2,009,780
Dante, Lee G.	2,157,475	Eyraud, Alain	2,155,707	Grosius, Paul	2,032,355
Darian, Saeed T.	2,006,453	FANUC Robotics North America, Inc.	2,178,284	Groswith, Charles T., III	2,065,006
Das Gupta, Sankar	2,140,495	Fattouche, Michel	2,064,975	Gryaznov, Sergei M.	2,158,883
Dasgupta, Sankar	2,150,037	Feuer, Mark S.	2,162,728	Guillemin, Fabrice	2,087,120
Dastin, Richard M.	2,076,835	Fich, Preben Bo	2,132,330	Gunn, Robert T.	2,141,407
Davis Paul James	2,026,209	Fickes, Stanley Lloyd	2,103,134	Habbersett, John I.	2,171,660
de Garis, Hugo R.	2,133,490	Findley, James K.	2,142,172	Hall, Christopher S.	2,081,752
Deere & Company	2,119,812	Finlay, David A.	2,142,172	Halloran, Daniel J.	2,043,409
DEERE & COMPANY	2,199,166	Fischer, Addison M.	2,120,666	Hamon, Ray C.	2,096,235
Deger, Hans-Matthias	1,340,676	Fischer, Christa Maria	2,155,960	Hancovsky, John P.	2,105,247
Denoya, Claudio D.	2,167,520	Fittraxx, Inc.	2,162,728	Hanix Co., Ltd.	2,164,661
Deziel, Robert	1,340,681	Fladby, Tron-Halvard	2,049,352	Hansenne, Isabelle	2,142,099
Deziel, Robert	1,340,682	Fleming, Bruce	2,171,022	Hanson, Gary D.	2,187,289
Deziel, Robert	1,340,683	FMC CORPORATION	2,054,748	Harada, Koichi	2,133,267
DHV International, Inc.	2,136,545	Foladare, Mark Jeffrey	2,183,284	Harding, Michael H.	2,162,728
Diaz, Antonio D.	2,025,663	Foucher, Jean-Claude	2,005,593	Harman, Stephen G.	2,162,501
DICTAPHONE CORPORATION	2,111,298	FRANCE TELECOM	2,087,120	Harnischfeger Corporation	2,163,507
Dietrich, Allan H.	2,081,903	François, Marc Karel Jozef	2,170,622	Harnischfeger of Australia Pty. Ltd.	2,067,906
DiMaio, John	1,340,683	Frantom, Richard L.	2,076,002	Harper, Heather Jean	2,155,960
Dina, Dino	1,340,675	Freeman, Gary M.	2,089,388	Harper, Heather Jean	2,155,966
Dinwiddie, John M. Jr.	2,009,780	Fresenius AG	2,017,531	Hart, Frank J.	2,157,742
DION, Dany	2,232,178	Frezza, Pierre	2,155,575	Hartlen, Bryan R.	2,103,134
Doherty, Andrew (deceased)	1,340,676	Frommer, Wolf-Bernd	2,006,454	Hasegawa, Katsuji	2,031,871
Dolan, John W.	2,175,618	Fujii, Katsuhiko	2,090,269	Hasegawa, Tomoko	2,164,661
Dorfel, G. Walter	2,141,809	Fujii, Satoshi	2,133,267	Hautala, Jouko	2,018,177
Dorsch, Norman	2,107,261	Fujisawa, Hirotoshi	2,016,559	Hayashi, Fumio	2,163,893
Dow Chemical Company (The)	2,002,742	Fuke, Motohiro	1,340,674	Heidari, A. Ryan	2,111,298
Dow Chemical Company (The)	2,007,317	Fukutomi, Takashi	2,157,064	Heiler, David J.	2,177,971
Dow Corning Corporation	2,043,409	Fung, Steven	2,158,883	Heiler, David J.	2,193,480
		Furuhashi, Hiroyuki	2,032,508		

**Index des brevets canadiens délivrés  
27 juillet 1999**

HELIOS CONTAINER SYSTEMS, INC.	2,165,625	JAPAN NUCLEAR CYCLE DEVELOPMENT INSTITUTE	2,058,904	Kuffner, Stephen Leigh	2,185,133
Hemmi, Hitoshi	2,133,490	Javerlhac, Jean-Charles	2,051,623	Kuramoto, Takeo	2,109,462
Henderson, Ken	2,164,550	Jensen, Berno Holmgaard	2,151,900	Kurata, Thomas Dowas	2,103,134
Hendry, George Orr	2,087,188	JOHNSON & JOHNSON INC.	2,133,299	Kurata, Yukio	2,084,103
Henry, William John, Jr.	2,155,960	Johnston, James Pyott	2,120,776	LABORATOIRE AGUETTANT	2,155,575
Herbig, Scott M.	2,167,395	Johnston, John Griffith	2,195,437	Lagrange, Alain	2,160,073
Herbst, Richard	2,071,640	Jonasse, Matthew S.	2,177,971	Lai, Louis Chiu	2,135,337
Herrmann, Wolfgang A.	2,165,887	Jonasse, Matthew S.	2,193,480	Lamaze, Airy-Pierre	2,011,093
Higashi, Takashi	2,106,289	Jordan, Franklin Frederick	2,149,507	Lapresle, Philippe	2,068,675
Hisatomi, Yoshiro	2,015,700	Joyce, James M.	2,009,780	Laramée, André	2,085,160
Hochstein, Peter A.	2,169,037	Junsheng, Zhang	2,003,376	Lavallee, Pierre	1,340,682
HOECHST AKTIENGESELLSCHAFT	1,340,676	KABUSHIKI KAISHA KATAYAMA	2,166,735	Lavallee, Pierre	1,340,683
Hoechst Scherling AgrEvo GmbH	2,006,454	Kaku, Toshihiko	2,163,893	Lavallee, Pierre	1,340,684
Hoff, Axel	2,005,288	Kämpfer Hans-Peter	2,109,137	Leadford, Kevin F.	2,193,273
Hoff, Gunter	2,005,288	Kanazawa, Seizaburo	2,032,508	Leduc, Madeleine	2,160,073
Hofsteenge, Jan	1,340,685	Kanazawa, Seizaburo	2,032,517	Lee, Benedict M.	2,143,092
Hollywood, Steven	2,195,437	Kasai, Ichiro	2,141,034	Lee, Caroline Marian	2,173,444
Holopainen, Pentti	2,018,177	Kasten Chase Applied Research Limited	2,081,752	Lee, Shih-Jen Edward	1,340,678
Honda, Takaharu	2,080,591	Katayama, Hiroshi	2,166,735	Lee, Yoo Chul	2,183,960
Hook, Christopher	2,081,752	Katayama, Taro	2,166,735	Lehner, John A.	2,040,590
Horiguchi, Shojiro	2,157,064	Kato, Takayuki	2,150,312	Lesca, Giuseppe	2,106,180
Huber, Hans-Peter	2,105,955	Kato, Yoshiyuki	2,058,904	Lesslie, David James	2,005,529
Hucul, Dennis A.	2,007,317	Kaufman, Dennis D.	2,176,845	Leung, Kin K.	2,183,284
HUGHES MISSILE SYSTEMS COMPANY	2,177,517	KAWAHATA, Kazunari	2,197,518	Levy, Bernard S.	2,136,134
HUGHES MISSILE SYSTEMS COMPANY	2,193,435	Kawai, Jyoji	2,168,591	Libra Laboratories, Inc.	2,011,307
HUNTER DOUGLAS INTERNATIONAL N.V.	2,176,884	Kawakami, Shigeru	2,071,283	Lim, William	2,164,550
Hurwitz, Marni	2,117,299	Kawano, Susumu	2,113,708	Limberg, Allen LeRoy	2,149,584
IBM CANADA LIMITED - IBM CANADA LIMITEE	2,103,134	KAWASAKI STEEL CORPORATION	1,340,687	Linville, Gregory	2,136,545
IDEAssociates Ltd.	2,132,330	Kawashima, Shunichi	2,006,788	Litke, Manfred	2,155,966
Ihara, Tomohiko	2,152,216	Kelly, David E.	2,166,528	Liu, Yujun	2,115,999
Ikeda, Toshiaki	2,106,289	Kendrick, Ray	2,075,950	Loffredo, John M.	2,009,780
ILLINOIS TOOL WORKS INC.	2,156,457	KFfx Inc.	2,129,006	Lonza Ltd.	2,007,048
Imai, Masafumi	2,032,508	Kilgore, Bruce J.	2,012,141	Lopez, Jose Manuel Cerecedo	2,154,970
Imai, Masafumi	2,032,517	Kim, Jung Ju	2,183,960	L'ORÉAL	2,142,099
Ingber, Abraham	2,052,340	Kimball, Dan Vance	2,082,393	L'Oréal	2,145,603
Ingvarstén, Peder Hans	2,151,900	KIMBERLY-CLARK WORLDWIDE, INC.	2,005,803	L'ORÉAL	2,160,073
Inland Steel Company	2,136,134	Kimura, Kazumi	2,064,669	Lowe, John A., III	2,164,804
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,009,780	Kish, Frederick A.	2,156,457	LUCENT TECHNOLOGIES INC.	2,195,490
INTERNATIONAL BUSINESS MACHINES CORPORATION	2,103,134	Kitamura, Toshiya	2,041,292	Luckhardt, Christoph Heinrich (deceased)	2,133,438
Isaacs, Jack L.	2,004,767	Kiyota, Yoshisato	1,340,687	Luckhardt, Wolfgang	2,133,438
Ishigaki Company Limited	2,080,591	KLOCKE Verpackungs-Service GmbH	2,105,955	Lude, John M.	2,136,134
Ishigaki, Eiichi	2,080,591	Klocke, Hartmut	2,105,955	Lundberg, George Albert, Jr.	2,181,821
Ishihara Sangyo Kaisha, Ltd.	2,006,729	Knobbe, Alan J.	2,003,301	Mabee, Gordon P.	2,042,195
Ishikawajima-Harima Heavy Industries Co., Ltd.	2,136,265	Kobayashi, Yoshikazu	2,106,289	Mackenzie, Alexander Roderick	2,155,837
Isota, Yoji	2,167,359	Koenhen, Dirk Marinus	2,132,683	Magnusson, Rolf	2,116,463
Iwamura, Keiichi	2,154,970	Koga, Toshimichi	2,036,186	Malecke, Joseph F.	2,176,845
Iwazaki, Kenichi	2,182,751	Koike, Yasuhiro	2,110,046	Malone, Peter Grimm	2,135,337
Izumi, Masao	2,090,269	Kondoh, Isao	2,058,904	MANKA Développement de concepts produits	2,105,955
J. M. Huber Corporation	2,089,388	Konishi, Yoshihiko	2,167,359	Marcou, Jean-Claude	2,142,172
Jacob, Adir	2,013,533	Koppelman, Edward	2,129,006	Mark, Jack	2,085,160
Janssen Pharmaceutica, naamloze vennootschap	2,170,622	Kornelow, Leslie	2,149,507	Mark, Jack	2,085,160
		Kosaka, Tetsuo	2,164,661	Marovskis, Harijs B.	2,087,333
		Kotzin, Michael D.	2,176,391	Marquardt, Rudiger	1,340,676
		Krajewski, Alexander Anthony	2,005,529	Marsh, David A.	2,177,971
		Kreiner, Fred W.	2,162,728	Marsh, David A.	2,193,480
		Kremer, Robert M.	2,076,002	Martial, Joseph	1,340,675
		Krenz, Eric Leroy	2,185,133	MARTIN, Louis-Marie Joseph	2,214,336
		Krummheuer, Wolf Rüdiger	2,050,784	MARTIN, Louis-Marie Joseph	2,240,666
		Kubitz, Terry E.	2,163,863	Martin, Olin H.	2,084,830
				Maruyama, Motohisa	2,157,064
				Maryan, Jacek P.	2,103,134
				Masuda, Shigeru	2,172,030
				Matsukura, Yoshiaki	2,041,292
				Matsumoto, Kiyoshi	2,141,717

## Index of Canadian Patents Issued July 27, 1999

Matsunaga, Makoto	2,167,359	Monaghan, Sandra Marina	2,155,837	Noritsu Koki Co., Ltd.	2,172,030
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,071,283	Mondet, Jean	2,145,603	Noritsu Koki Co., Ltd.	2,183,145
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,151,078	MONSANTO COMPANY	2,075,069	Norsk Hydro a.s	2,158,853
Matthews International Corporation	2,105,247	MONTELL NORTH AMERICA INC.	2,106,180	NORTHERN TELECOM LIMITED	2,162,501
Matthews, Anthony J.	2,189,641	Moriguchi, Makoto	2,163,893	NORTHERN TELECOM LIMITED	2,177,163
Matthews, Anthony J.	2,189,743	Mornhed, Goran	2,162,769	NOVARTIS AG	1,340,685
Mattos, Louis Joseph	2,181,821	Morris, Robert Allan	2,005,529	Novo Nordisk A/S	2,171,290
Maxwell Laboratories Inc., Sierra Capacitor/Filter Division	2,004,241	MOSSMAN, Michael Wayne	2,199,166	NSI ENTERPRISES, INC.	2,193,273
Maxwell, Michael William	2,155,966	Motika, Stephen Andrew	2,171,669	Obana, Yasuo	2,163,893
Mayreder Consult of the United States Inc.	2,038,374	Motorola, Inc.	2,101,328	Ocker, Klaus	2,076,002
McAlister, Donald Ray	2,075,069	Motorola, Inc.	2,176,391	Oden, Kenneth W.	2,151,776
MCCRACKEN, Donald G.	2,209,828	Motorola, Inc.	2,185,133	Ogawa, Hisao	2,041,292
McFall, Ronald Ray	2,165,312	Mougin, Nathalie	2,145,603	Oguma, Naomi	2,157,064
McGinley, Emanuel Joseph	2,054,748	Mudge, Paul R.	1,340,686	Ohmori, Takashi	2,016,559
McIlroy, James William	1,340,673	Mueckl, Jerry W.	2,053,436	Ohmura, Masanori	2,182,751
McKay, Dan N.	2,103,134	Mueller, Peter Walter	2,048,806	Ohnishi, Masaru	2,069,129
McNaughton, James	2,060,495	MULTIFASTENER CORPORATION	2,133,438	Ohtsuka, Masataka	2,167,359
Medendorp, Dale Frederick	2,101,328	Murakami, Motoaki	2,183,145	Okada, Masamichi	2,150,312
Meesey, Christopher J.	2,175,771	Murasawa, Sadao	2,006,729	Okada, Yuji	2,150,312
Meilland, Pierre	2,176,199	MURATA MANUFACTURING CO., LTD.	2,197,518	Okamoto, Satoru	2,152,216
MEINAN MACHINERY WORKS, INC.	2,031,871	Murata, Masahide	2,032,508	Omoto, Noriaki	2,071,283
Meins, Frederick	1,340,685	Murata, Masahide	2,032,517	Onda, Katsumasa	2,151,078
Mejean, Pascal	2,115,457	Murphy, James C.	2,003,301	Ono, Moriaki	2,182,751
Messerli, Alan Joseph	2,005,529	Murphy, Patrick J.	2,142,172	Ono, Tomoaki	2,133,267
METALLGESELLSCHAFT AKTEINGESELLSCHAFT	2,015,057	Murphy, Patrick J.	2,142,172	Orava, Risto Olavi	2,191,100
Michelin Recherche et Technique S.A.	2,137,733	Murtiashaw, Charles William	2,101,433	O'Shea, Timothy	2,175,771
Miller, Dale C.	2,115,999	Myhren, Finn	2,158,853	Osteonics Corp.	2,006,272
Minert, Daniel Glenn	2,185,635	Mylari, Banavara L.	2,016,504	Oura, Kazumitsu	2,080,591
MINNESOTA MINING AND MANUFACTURING COMPANY	2,017,630	Nagahama, Yutaka	2,182,751	Oy Tampella Ab	2,018,177
Misawa, Rintaro	2,190,427	Nagle, John S.	2,157,475	Pacific Corporation	2,183,960
Missenard, Gilles	2,068,675	Nakahara, Makoto	2,090,269	Pacific Pharmaceutical Co., Ltd.	2,183,960
Mitani, Toshiharu	2,015,700	Nakahara, Shintaro	2,167,359	Pacitto, Angelo	2,060,495
Mitchell, Joseph	2,005,803	Nakamura, Michiei	2,157,064	Packard, Thomas N.	2,142,172
Mitel Corporation	2,164,550	Nakano, Akira	2,032,508	Palmere, Vincent R.	2,081,903
Mitsubishi Denki Kabushiki Kaisha	2,069,129	Nakano, Akira	2,032,517	Panicucci, Rick	2,177,971
MITSUBISHI DENKI KABUSHIKI KAISHA	2,141,717	Nakata, Yasuo	2,084,103	Parfenie, Mihai	2,143,732
MITSUBISHI DENKI KABUSHIKI KAISHA	2,167,359	Nakatsu, Yuji	2,069,129	Parkman, Kenneth D.	2,189,743
MITSUBISHI DENKI KABUSHIKI KAISHA	2,168,591	National Starch and Chemical Corporation	1,340,686	PASS & SEYMOUR, INC.	2,142,172
MITSUBISHI DENKI KABUSHIKI KAISHA	2,174,684	Nayar, Harbhajan S.	2,173,531	Patel, Chandrakant Bhailalbhai	2,149,584
Mitsubishi Pencil Kabushiki Kaisha	2,164,661	NEC CORPORATION	2,102,977	Patte, Philippe	2,004,063
MITSUI CHEMICALS, INC.	2,015,700	NEC Corporation	2,112,710	Pedain, Josef	2,023,721
MITSUI CHEMICALS, INC.	2,033,416	NEC Corporation	2,122,880	Pedersen, Harry	2,156,404
Mitsutake, Hideaki	2,064,669	NEC Corporation	2,122,880	Petajan, Eric David	2,150,729
Miyake, Takahiro	2,084,103	NEC Corporation	2,138,730	Peterman, Thomas H.	2,087,333
Miyoshi, Yasuo	2,015,700	NEC Corporation	2,163,420	Petersen, Bent Riber	2,171,290
Mizoguchi, Satoshi	2,157,064	NEC Corporation	2,163,420	Peyrot, Christian	2,115,457
Mogensen, Erling Kristen	2,151,900	Nelson, Robert B.	2,164,804	Pfizer Inc.	2,016,504
Mohlenkamp, Marvin Joseph, Jr.	2,155,960	Nestell, Bengt	2,161,731	Pfizer Inc.	2,101,433
Mohlenkamp, Marvin Joseph, Jr.	2,155,966	Netravali, Arun Narayan	2,150,729	PFIZER INC.	2,164,804
Moller, Anders Juel	2,171,290	Nielsen, Ghita Studsgaard	2,171,290	PFIZER INC.	2,166,721
		Nike International Ltd.	2,012,141	PFIZER INC.	2,167,395
		Nippon Oil and Fats Company, Limited	2,041,292	PFIZER INC.	2,167,520
		Nippon Petrochemicals Co., Ltd.	2,110,046	PFIZER INC.	2,170,700
		Nippon Steel Corporation	2,163,893	PFIZER INC.	2,181,175
		Nisus Corporation	2,081,903	PFIZER LIMITED	1,340,678
		Nitro Nobel AB	2,116,463	Pfizer Research and Development Company, N.V./S.A.	2,155,837
		NKK CORPORATION	2,182,751	Phillips Petroleum Company	2,141,492
		Noda, Satoshi	2,109,462	Phillips, Wendell Gary	2,004,013
		Noguki, Genji	2,036,186	Phimmasone, Anopet	2,052,340
		NOISE CANCELLATION TECHNOLOGIES, INC.	2,159,589	PHOTONICS CORPORATION	2,103,134
		Nordson Corporation	2,003,301	Pickett, Terence Daniel	2,119,812
		Noritsu Koki Co., Ltd.	2,124,381	Piehl, James R.	2,053,436
		Noritsu Koki Co., Ltd.	2,124,387	Pierin, Christophe	2,155,707

**Index des brevets canadiens délivrés  
27 juillet 1999**

Pillai, Chithambarathanu G.	2,015,057	Romanini, Daniele	2,106,180	SHOWA DENKO K.K.	2,109,462
Pinard, Deborah L.	2,164,550	Romer, Karin	2,155,960	Shuster, Donald E.	2,003,301
Pisarczyk, Kenneth S.	2,015,057	Romer, Karin	2,155,966	Siejak, Volker	2,050,784
Plante, Raymond	1,340,684	Ronen, Yzhak	2,183,284	Silverman, David Phillip	2,183,284
Pneumafil Corporation	2,171,158	Rose, James	2,076,002	Simage Oy	2,191,100
Porter, Philip	2,026,209	ROYAL VENDORS, INC.	2,151,776	Smith, Kelly L.	2,167,395
Poth, Ulrich	2,128,863	Rutherford, David B.	2,001,080	SNAP-ON TOOLS	
Potter, Daniel R.	2,012,141	Ryals, John	1,340,685	CORPORATION	2,053,436
Prager, Jay M.	2,029,209	S & C Electric Company	2,012,365	Solow, Howard J.	2,162,728
PRATT & WHITNEY CANADA		Sacriste, Jean-François	2,068,675	Sommer, Oswin	2,107,261
INC.	2,189,641	Saderholm, Davin Givhan	2,185,635	Sonnenwald, Uwe	2,006,454
PRATT & WHITNEY CANADA		Saito, Makoto	2,132,460	Sony Corporation	2,016,559
INC.	2,189,743	Saito, Rie	2,106,706	Sony Corporation	2,031,387
Pratt, John Kennedy	2,004,013	Sakai, Keiji	2,084,103	Sony Corporation	2,031,470
Praxair S.T. Technology, Inc.	2,156,952	Sakai, Makoto	2,133,267	Sorensen, Kent Weel	2,151,900
Praxair Technology, Inc.	2,114,446	Sakai, Takekazu	2,109,462	Space Systems/Loral, Inc.	2,040,590
Prestipino, Vincent	2,052,340	Sakurai, Kiyokazu	2,164,661	Spartiotis, Konstantinos	
PROCTER & GAMBLE		Samsung Electronics Co., Ltd.	2,149,584	Evangelos	2,191,100
COMPANY (THE)	2,120,776	Sanderson, Kenneth R.	2,009,780	Speeder A.S.	2,049,352
PROCTER & GAMBLE		Sanken Chemical Co., Ltd.	2,090,269	Spencer, John W., Jr.	2,175,618
COMPANY (THE)	2,155,960	Sano, Shigeaki	2,006,788	Sperisen, Christoph	1,340,685
PROCTER & GAMBLE		Sarakinos, Miltiadis Evangelos	2,191,100	Srouji, Gabriel Hanna.	2,004,013
COMPANY (THE)	2,155,966	Sasahara, Shuichi	2,106,289	St. Louis, Robert Maurice	2,062,016
Procter & Gamble Company		Sasaki, Keisuke	2,110,046	Statmann, Marina	2,006,454
(The)	2,162,362	Sasanuma, Nobuatsu	2,106,706	Stein Industrie	2,005,593
PROCTER & GAMBLE		SASIB S.p.A.	2,001,080	Steinberg, Mitchell Irvin	2,009,074
COMPANY (THE)	2,165,312	Sato, Akio	2,182,751	Stevenson, Joseph Timothy	2,048,806
PROCTER & GAMBLE		Schend, David J.	2,053,436	Stockler, Jerry R.	2,011,307
COMPANY (THE)	2,187,442	Schlanger, Gabriel Gary	2,183,284	Stoffel, Josef	2,007,048
Prota, Giuseppe	2,173,444	SCHLUMBERGER CANADA		Stokke, Kjell Torgeir	2,158,853
Pruett, Donald N.	2,004,241	LIMITED	2,009,562	Stonom, Elbert	2,048,806
PUGH, Dana	2,234,735	Schneider (USA) Inc.	2,160,796	Storey, James Kirk	2,185,635
Pyyyhtia, Jouni Ilari	2,191,100	Schneider, Daniel Robert	2,075,069	Stouffer, James R.	2,115,999
Quittmann, Wilhelm	2,007,048	Schroder, Richard	2,187,289	Strasser, Alois	2,107,261
R.D. IMPEX APS	2,151,900	Schulman, Tom Gunnar	2,191,100	Strohhausl, Siegfried	2,038,374
Rahn, Christopher D.	2,040,590	Schulter, Alfred	2,038,374	Stryker Corporation	2,068,675
Rakhit, Sumanas	1,340,684	SCHWARTZ, Donna Pruess	2,215,327	SUGEN, INC.	2,215,327
Randolph, Bruce B.	2,141,492	Scott, Graham Ansloe	2,005,529	Sugito, Yoshifumi	2,157,064
Ransburg Corporation	2,158,127	Secretary of State for Defence in		Sumitomo Electric Industries,	
Ratley, Patrick L.	2,158,127	her Britannic Majesty's		Ltd.	2,152,216
RAYTHEON COMPANY	2,141,034	Government	2,048,642	SUNWA LTD.	2,190,427
Read, E. Lawrence	2,187,289	Sedaries, Didier	2,155,707	Suzuki, Hiroshi	2,112,710
Recalde, Carlos E.	2,025,663	Sekine, Yukio	2,182,751	Suzuki, Toru	2,058,904
Regan, Roger Henry	2,158,161	Sekisui Kaseihin Kogyo		Swaine, Robert Leslie, Jr.	2,155,960
Region Wallonne	1,340,675	Kabushiki Kaisha	2,106,289	Swanson, Roger M.	2,076,835
Reinhardt, Bertold	2,017,531	Sensel, Steven D.	2,187,289	Syverson, Suzanne M.	2,012,365
Remington, James A.	2,181,110	Serekian, Paul	2,006,272	Tae-Woo, Yoo	2,140,387
Renard, Andre	1,340,675	Servel, Michel	2,087,120	Takeda, Goro	2,143,238
Renfroe, Donald W.	2,076,002	Sharma, Vinod	2,122,880	Takeuchi, Hitoshi	2,157,064
REXAM REBOUL	2,115,457	SHARP KABUSHIKI KAISHA	2,084,103	Takizawa, Minoru	2,157,064
RHONE-POULENC		Sharpless, John	2,003,301	Tamura, Toshiharu	2,157,229
NUTRITION ANIMALE	2,176,199	SHAWVER, Laura Kay	2,215,327	Tanaka, Eiichi	2,006,788
Richard, Hervé	2,160,073	Shelton, Lawrence S.	2,156,457	Tanaka, Masato	2,031,387
Riley, David Clifford	2,014,813	Shepherd, Stuart Craig	2,178,284	Tanaka, Masato	2,031,470
Ring, Ralph Damon	2,006,986	Shimizu, Masami	2,136,265	Tanibata, Toru	2,124,381
Rioux, Marc	2,043,336	Shimizu, Toshihide	2,081,031	Tanibata, Toru	2,124,387
Rizzi, George Peter	2,155,966	Shin Caterpillar Mitsubishi Ltd.	2,133,267	Targoff, Donald M.	2,193,435
Robertson, David Wayne	2,009,074	Shin-Etsu Chemical Co., Ltd.	2,036,186	Tatum, Gary	2,075,950
Robinette, Jean	2,085,160	Shin-Etsu Chemical Co., Ltd.	2,081,031	Taurus Tetraconcepts, Inc.	2,065,006
Robinson, Martyn	1,340,676	Shinshi, Hideaki	1,340,685	Taxis, Michael	2,141,809
Rocha-Sosa, Mario	2,006,454	Shiozaki, Tsuyoshi	2,182,751	Taylor, Michael A.	2,091,128
Röcker, Hans	2,177,980	Shiraishi, Katsuhiko	2,164,661	Taylor, Scott K.	2,006,272
Röckrath, Ulrike	2,128,863	Shirakawa, Hirokazu	2,150,312	TECUMSEH PRODUCTS	
Rogalskyj, Jill S.	2,193,480	Shogaki, Toshihiro	2,071,283	COMPANY	2,192,769
Rogers, John N.	2,088,030	Shoji, Takashi	2,109,462	Telebit Corporation	2,040,558
Rohm and Haas Company	2,004,013	SHORT BROTHERS LIMITED	1,340,673	Telefonaktiebolaget LM Ericsson	2,033,340

## Index of Canadian Patents Issued July 27, 1999

ten Dam, Paul Johan	2,109,137	Wahlberg, Lars	2,049,056
TETRA LAVAL HOLDINGS & FINANCE S.A.	2,087,333	Walker, James L.	1,340,686
The BOC Group, Inc.	2,173,531	Walls, Raymond J.	2,010,959
THE PERKIN-ELMER CORPORATION	2,158,883	Walter, James	2,175,618
Then, Johann	1,340,676	Wamprecht, Christian	2,023,721
Theriault, Larry M.	2,187,751	WANZL METALLWARENFABRIK GMBH	2,031,217
Thompson, Harvey W.	2,162,769	Wanzl, Rudolf	2,031,217
Timmerman, George	2,088,030	Warwick, Alastair Anthony	2,177,163
Toman, John R.	2,141,034	Watabe, Masataka	2,109,462
Tomitaka, Shuichi	2,150,312	Watanabe, Mikio	2,081,031
TONEN CORPORATION	2,032,508	Watanabe, Niro	2,069,129
Tonen Corporation	2,032,517	Weinberg, Stephen P.	2,006,453
Tonen Corporation	2,132,460	Weirathmueller, Friedrich	2,169,386
Toppaan Moore Company, Ltd.	2,006,788	Wendel, Herbert	2,105,955
Toppaan Printing Co., Ltd.	2,069,129	Wenzler, Herman C.	1,340,685
Torczynski, Richard Michael	1,340,674	Wheeler, Todd	2,087,333
Toyota Jidosha Kabushiki Kaisha	2,150,312	White, George R., III	2,173,531
Tozawa, Shoji	2,133,267	Wierenga, Thomas James	2,187,442
Trigen Energy Corporation	2,162,769	Wigger, Georg	2,128,863
Trotter, John Andrew	2,152,110	WI-LAN INC.	2,064,975
Trouiller, Jean-Claude	2,009,562	Willard, Walter Lee, Jr.	2,137,733
TRW Inc.	2,166,528	Wiley, Alan David	2,162,362
TRW Inc.	2,176,845	Williams, David Robert	2,152,347
Tsubouchi, Toshiyasu	2,152,216	Williams, Joel L.	2,077,981
Tsutsui, Toshiyuki	2,033,416	Williams, Timothy F.	2,103,134
Tuason, Domingo Custodio, Jr.	2,054,748	Willmitzer, Lothar	2,006,454
Uda, Mamoru	2,165,625	Wilson, Richard	2,175,618
Ueda, Takashi	2,033,416	Wilson, Robert W.	2,017,630
Ueda, Takashi	2,143,238	Winebarger, Charles S.	2,143,092
Umeno, Takashi	2,164,661	Winkley, John C.	2,069,888
Umezu, Keiichi	2,163,420	Winterberg, Friedwart	2,005,288
Unilever PLC	2,026,209	Wohner, Gerhard	1,340,676
Unilever PLC	2,030,451	Wollert, Gary S.	2,053,436
Unilever PLC	2,075,767	Wood, Michael	2,067,906
Unilever PLC	2,152,347	Wu, Leu Lih-Fen	2,195,490
Unilever PLC	2,173,444	XEROX CORPORATION	2,076,835
United States Surgical Corporation	2,004,767	X-Flow B.V.	2,132,683
UNIVERSITÉ DU QUÉBEC A HULL	2,122,782	Yagura, Shigenori	2,163,893
Urban, Frank John	2,101,433	Yamada, Keiki	2,069,129
Urbanczyk, Waclaw	2,122,782	YAMAKI, Kazuhisa	2,197,518
Valley Machine Works Ltd.	2,169,386	Yamamoto, Hiroyuki	2,084,103
Van Eikeren, Paul	2,167,395	Yamamoto, Katsuji	2,136,265
Van Tassell, Harry	2,011,307	Yamamoto, Toshio	2,041,292
Vance Jeffrey D.	2,160,796	Yamamoto, Yuushin	2,168,591
Vanderplas, Brian Clement	2,101,433	Yamamoto, Yuushin	2,174,684
Vanhoye, Didier	2,032,355	Yanaka, Kiyotaka	2,031,387
Venturello, Carlo	1,340,679	Yanqin, Xu	2,003,376
Venturello, Carlo	1,340,680	Yashiro, Teruo	2,032,508
Vezzoli, Annibale	2,106,180	Yashiro, Teruo	2,032,517
Vignaud, Jean-Louis	2,068,675	Yatagai, Tetsuya	2,138,730
Villalobos, Maria A. C.	2,025,663	Yeung, Wing Yiu	2,042,195
Vincent, Judith M.	2,043,409	Yoshida, Naoki	2,157,229
Vinciarelli, Patrizio	2,029,209	Yoshida, Yoshio	2,084,103
VLT CORPORATION	2,029,209	Young, John	2,162,769
Vo, Long Van	2,187,289	Young, Raymond Devon	2,187,442
Voiculescu, Romeo Titel	1,340,677	Zagloul, Hatim	2,064,975
W. L. Gore & Associates, Inc.	2,175,618	ZANDER, David G.	2,209,828
Wacker, Robert L.	2,003,301	Zembrowski, William J.	2,016,504
Wacker-Chemie GmbH	2,107,261	Zito, Thomas Carl	2,178,284
WADLEY TECHNOLOGIES, INC.	1,340,674	Zvenyatsky, Boris	2,004,767
Wagner, Harald	2,038,374		

# Index of Canadian Laid-Open Applications

June 13, 1999 - June 19, 1999

## Index des demandes canadiennes mises à la disponibilité du public

13 juin 1999 - 19 juin 1999

A.T.X. INTERNATIONAL, INC.	2,254,685	ASH, Carlton Edwin	2,256,226	BOULOS, John	2,256,200
ABB RESEARCH LTD.	2,256,571	AT&T CORP.	2,255,355	BOURGAULT INDUSTRIES LTD.	2,224,854
ABDEL-MALEK, Aiman Albert	2,248,395	AT&T WIRELESS SERVICES, INC.	2,254,393	BOWLING, Donald W.	2,254,596
ABE, Kouzou	2,256,094	AT&T WIRELESS SERVICES, INC.	2,255,475	BRADEN, Michael L.	2,255,457
ABLOY OY	2,256,068	AUER, Emmanuel	2,256,827	BRADLEY, Gary W.	2,256,104
ACAN WINDOWS INC.	2,225,119	BABIN, Denis L.	2,224,796	BRADLEY, Roger M.	2,256,208
ADAMEC, Andrew J.	2,256,113	BADEJO, Ibraheem T.	2,255,158	BRADLEY, Roger M.	2,256,210
AGENCE SPATIALE EUROPEENNE	2,255,494	BAGGOT, James L.	2,248,727	BRADLEY, Roger M.	2,256,243
AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY, MINISTRY OF INTERNATIONAL T	2,255,984	BALLINGER, Bruce Henry	2,252,033	BRAND, Patrick M.	2,256,277
AICH, Palok	2,218,443	BALLINGER, Bruce Henry	2,252,040	BREITSCHIEDL, Boris	2,255,235
AICH, Palok	2,229,386	BALLINGER, Bruce Henry	2,252,928	BRENTINI, Attilio	2,255,546
AICH, Palok	2,255,113	BARKER, Donald E.	2,249,480	BRETON, Lionel	2,255,222
AIZAWA, Masatoshi	2,256,239	BARNARD, Chris Wilhelm	2,254,593	BRETON, Lionel	2,255,226
AKZO NOBEL N.V.	2,225,164	BASF CORPORATION	2,244,023	BRETON, Lionel	2,255,229
AL GHATTA, Hussain	2,255,315	BASF CORPORATION	2,246,631	BRIDGESTONE CORPORATION	2,255,319
ALBORANTE, Giancarlo	2,230,848	BASF CORPORATION	2,250,285	BRIDGESTONE/FIRESTONE, INC.	2,255,353
ALCATEL	2,255,169	BASF CORPORATION	2,254,332	BRISEBOIS, Michel A.	2,256,221
ALCATEL	2,255,232	BATESVILLE CASKET COMPANY, INC.	2,254,596	BROWN, Jack L.	2,249,547
ALCATEL	2,255,272	BATZ-SOHN, Christoph	2,256,134	BROWN, Michael A.	2,256,205
ALDEN, Wayne S., III	2,255,982	BAUDE, Dominique	2,255,213	BRUEWER, Timothy B.	2,255,482
ALEXANDER, Brian S.	2,255,353	BAUER, Annemarie	2,256,215	BUJAK, Walter E., Jr.	2,252,351
ALLAN, Frederic James	2,225,263	BAUER, Gerd	2,256,050	BURKE, Andrea	2,250,322
ALLEN, Gerald M.	2,256,263	BAYER		BURKWALD, Susan Kay	2,254,692
ALOI, Traci L.	2,225,157	AKTIENGESELLSCHAFT	2,255,968	BURNS, Timothy M.	2,256,155
ALT, Hans Christian	2,256,134	BAYER CORPORATION	2,249,778	BUSKE, Kenneth	2,225,196
ALTURA LEIDEN HOLDING B.V.	2,255,431	BAYER CORPORATION	2,255,158	BUTLER, Gilbert S.	2,255,264
ALUMA SHIELD INDUSTRIES, INC.	2,256,319	BAYER CORPORATION	2,255,224	BUTT, David J.	2,225,122
ALVAREZ, Andres	2,256,222	BECK, H. Richard	2,256,205	CABLE, Julian Frank Barry	2,256,187
AMIEL, Olivier	2,253,718	BECKER, Harry H.	2,225,884	CAFE 98 INDUSTRIES LIMITED	2,256,595
AMSTED INDUSTRIES INCORPORATED	2,242,078	BEHL, Walter	2,256,827	CAIN, Frederick William	2,255,980
AMSTED INDUSTRIES INCORPORATED	2,248,773	BELEC, Eric A.	2,249,480	CALL, Ronald W.	2,253,017
ANDERSEN, Raymond	2,225,325	BENDIK, Gary W.	2,248,773	CALLSEN, Christian J.	2,255,131
ANDREWS, Stephen Mark	2,255,459	BERGERON, Roma	2,222,858	CALLSEN, Christian J.	2,256,610
ANTHONY, Edward J.	2,224,901	BERKEBILE, Kevin	2,248,727	CALLSEN, Christian J.	2,256,613
ARATA, Masami	2,256,270	BERRIER, Walter Gene	2,254,253	CALLSEN, Christian J.	2,256,675
ARBEUS, Ulf	2,256,272	BESESTY, Pascal	2,256,003	CALVIAC, Jean-Claude	2,256,170
ARCHER DANIELS MIDLAND COMPANY	2,255,130	BEUTHER, Paul D.	2,248,722	CAMCO INTERNATIONAL INC.	2,255,482
ARCHER-DANIELS-MIDLAND COMPANY	2,256,118	BI, Qi	2,254,401	CAMILI, Marcello	2,255,157
ARMCO INC.	2,249,547	BIGI, Daniele	2,255,434	CAMPOLO, Steve	2,256,208
ARMCO INC.	2,254,564	BINDER, Thomas P.	2,255,130	CANON KABUSHIKI KAISHA	2,256,024
ARMCO INC.	2,254,584	BIRD, Peter Dane	2,254,591	CAPITAL TOOL & DESIGN LIMITED	2,256,154
ASAKA, Kinji	2,255,984	BISSELL INC.	2,255,142	CARRIER CORPORATION	2,252,351
ASAVA, Anand	2,255,978	BLACK & DECKER INC.	2,256,021	CAVANAUGH, Ken M.	2,255,128
		BLANCHE, Stephen Arthur	2,254,668	CAVANAUGH, Ken M.	2,255,131
		BOEGLI, Charles	2,256,325	CAVANAUGH, Ken M.	2,255,133
		BOEGLI-GRAVURES S.A.	2,256,325	CAVANAUGH, Ken M.	2,255,393
		BOGEMA, Gary W.	2,244,360	CAVANAUGH, Ken M.	2,255,406
		BOLLINGER, Heinrich	2,256,251	CAVANAUGH, Ken M.	2,256,613
		BONAQUIST, Dante Patrick	2,256,274		
		BORNHORST, John B.	2,249,754		
		BOULOS, John	2,224,919		

**Index of Canadian Laid-Open Applications**  
**June 13, 1999 - June 19, 1999**

CAVANAUGH, Ken M.	2,256,675	DE LEO, Guido	2,256,151	FASCETTI, Eugenio	2,255,157
CELGARD LLC	2,253,017	DE MARCHI, Andrea	2,256,188	FEINBERG, Arnie	2,255,982
CENTEON PHARMA GMBH	2,255,531	DECARO, Dana	2,255,553	FENDER, Michael	2,254,399
CHATEAU, Nicolas	2,255,213	DECKER, Owen H.	2,255,533	FERGEN, Alfons	2,254,366
CHAWLA, Kapil K.	2,255,355	DEERE & COMPANY	2,240,780	FETTERMAN, Donald B.	2,256,148
CHEN, Chao-Kuang	2,255,978	DEGUSSA		FIELDHOUSE, John W.	2,255,353
CHEN, Makan	2,256,571	AKTIENGESELLSCHAFT	2,256,134	FILTEC	
CHEN, Sen-Yang	2,225,056	DEGUSSA		FILTERTECHNOLOGIE	
CHEN, Songhua	2,256,101	AKTIENGESELLSCHAFT	2,256,636	FUR DIE	
CHENG, Chao-Tai	2,225,056	DEGUSSA		ELEKTRONIKINDUSTRIE	
CHIACCHIRA, Thomas A.	2,256,222	AKTIENGESELLSCHAFT	2,256,639	GMBH	2,256,099
CHONTAS, Trent A.	2,256,205	DEGUSSA		FISCHER, Urs Karl	2,254,649
CHOWN, David Philip Martin	2,247,699	AKTIENGESELLSCHAFT	2,256,827	FISHER, Theodore Fringelin	2,256,274
CHU, Nancy S.	2,256,040	DEMERS, Mychelin	2,218,475	FISHER, Thomas S.	2,254,540
CHUANG, Ming-Hung	2,224,939	DENKIN, Nathan Myron	2,252,209	FISHMAN, Daniel A.	2,252,209
CIBA SPECIALTY		DERIVE, Nathalie	2,256,170	FLEMMING, Hans-Wolfram	2,256,941
CHEMICALS HOLDING		DESCHLER, Ulrich	2,256,134	FLETCHER BURGESS, James	2,255,468
INC.	2,255,459	DIETRICHSTEINER, Manfred	2,256,133	FLOCKHART, Andrew D.	2,252,236
CISTERNINO, Francesco	2,256,188	DINGENOTTO, Meinolf	2,256,099	FOSTER, Robin H.	2,252,236
CITAREL, Louis	2,250,626	DOFASCO INC.	2,256,307	FRANK, Christopher L.	2,245,977
CLEVELAND, Dean	2,224,854	DOHERTY, Niall Stephen	2,256,303	FRANK, Robert J.	2,250,591
CLIFFORD, David D'Arcy	2,256,307	DONALDSON, Jimmie L.	2,254,456	FUJI PHOTO FILM CO., LTD.	2,256,992
COBROR, Sandro	2,255,315	DOW CORNING		FUJITA, Miyuki	2,256,024
COHEN, Steven E.	2,249,480	CORPORATION	2,256,160	FUJIWARA, Masatoshi	2,256,094
COLEMAN, John	2,225,325	DRUZYNSKI, Frank Casmere	2,256,319	FUJIWARA, Naoko	2,255,984
COMAU Spa	2,230,848	DUPRAT, Alain	2,225,791	FULMER, John William	2,255,484
COMMISSARIAT A		DYCKERHOFF & WIDMANN		FUSCA, Martino	2,242,107
L'ÉNERGIE ATOMIQUE	2,256,003	AG	2,253,077	GABRIELE, Angelo	2,224,834
CONSOLIDATED EDISON		E & M LAMORT (SOCIÉTÉ		GAGNON, Peter R.	2,243,255
COMPANY OF NEW		ANONYME)	2,256,005	GAGNON, Peter R.	2,243,449
YORK, INC.	2,254,219	EARLE, Mark	2,255,788	GALDERMA RESEARCH &	
CONTI, Rino	2,249,953	EASTON, David Joseph	2,240,780	DEVELOPMENT	2,255,204
COOK, Pierre C.	2,253,017	EATON CORPORATION	2,256,205	GALLAGHER, Don	2,255,788
COOPER, John	2,255,494	ECC INTERNATIONAL LTD.	2,256,818	GAO, Qingshan	2,256,118
COOPER, Kevin L.	2,256,142	ÉCOLUX INC.	2,225,005	GAO, Xiaoliang	2,225,014
COOPER, Robert W.	2,241,057	EGAN, Sean E.	2,225,126	GARG, Rohit	2,255,406
CORNWELL, James H.	2,256,218	EGAN, Sean E.	2,255,109	GARLAND, Stuart Mandel	2,254,453
COTTON, Kenneth J.	2,249,932	EHRET, Charles	2,256,079	GARRATT, Gary	2,251,461
COVELEY, Michael	2,225,227	EICK, Stephen Gregory	2,254,692	GARRATT, Gary	2,256,073
CRENSHAW, Joe David	2,256,118	EISENBERG, Melvin I.	2,256,683	Gas Liquids Engineering Ltd.	2,225,293
CRESCENZI, Francesco	2,255,157	ENGLBERGER, Werner	2,256,007	GASHUS, Ove Kris	2,255,132
CROTZER, David R.	2,255,982	ENITECNOLOGIE S.p.A	2,255,157	GEE, David Martin	2,247,699
CSELT - CENTRO STUDI E		EPROVA AG	2,256,251	GEE, Ronald Paul	2,256,160
LABORATORI		ESSILOR INTERNATIONAL		GELLERT, Jobst Ulrich	2,224,796
TELECOMUNICAZIONI		(Compagnie Générale		GELLERT, Jobst Ulrich	2,225,287
S.P.A.	2,256,188	d'Optique)	2,255,213	GENERAL ELECTRIC	
CSELT - CENTRO STUDI E		ETCO INCORPORATED	2,254,668	COMPANY	2,248,395
LABORATORI		ETHICON, INC.	2,256,036	GEORGI, Daniel T.	2,256,101
TELECOMUNICAZIONI		ETHICON, INC.	2,256,040	GIANNESI, Fabio	2,256,033
S.P.A.	2,256,197	EULER, Axel	2,254,399	GIRARDI, Raffaele	2,256,188
CUCCHI, Silvio	2,255,232	EVANS, Stephen	2,256,187	GIRERD, Florence	2,255,222
DADE BEHRING MARBURG		EXPRESSO DEUTSCHLAND		GIRERD, Florence	2,255,226
GMBH	2,256,087	TRANSPORTGERÄTE		GIRERD, Florence	2,255,229
DADE BEHRING MARBURG		GMBH	2,256,217	GIVAUDAN-ROURE	
GMBH	2,256,089	EXXON RESEARCH AND		(INTERNATIONAL) SA	2,256,079
DAITA, Arindam	2,256,142	ENGINEERING		GLASS, David R.	2,254,393
DALRYMPLE, David Craig	2,252,033	COMPANY	2,252,033	GOEDECKE, Ralf	2,256,134
DALRYMPLE, David Craig	2,252,040	EXXON RESEARCH AND		GOODWIN, David Malcolm	2,255,431
DALRYMPLE, David Craig	2,252,928	ENGINEERING		GOPINATHAN,	
DALY, Andrew T.	2,255,543	COMPANY	2,252,040	Changaramponnath	2,255,484
DANA CORPORATION	2,256,218	EXXON RESEARCH AND		GOPINATHAN, Sarada	2,255,484
DANFORTH, Richard Louis	2,256,226	ENGINEERING		GORBATY, Martin Leo	2,252,033
DANIELS, Michael H.	2,225,235	COMPANY	2,252,928	GORMAN, William B.	2,255,353
DAVIDSON, Gilbert L.	2,255,264	FAGG, Stephen Leonard	2,256,187	GRABHER, Kurt	2,254,649
DE ANGELIS, Francesco	2,256,033	FANG, Wei-Chiao William	2,252,209	GRAPHIC CONTROLS	
DE LAFORCADE, Vincent	2,255,209	FÄRBER, Dagmar	2,242,107	CORPORATION	2,250,591

**Index des demandes canadiennes mises à la disponibilité du public  
13 juin 1999 - 19 juin 1999**

GRAVELL, Linda V.	2,255,998	HUARNG, Roger Jyh-Chiang	2,246,631	KAWATSU, Shigeyuki	2,256,276
GRAVELL, Linda V.	2,256,178	HUGHES, Trevor L.	2,255,354	KELLY, Matthew	2,255,468
GREENBERG, Michael	2,256,154	HURLEY, James M.	2,244,023	KELLY, Matthew	2,256,657
GREENE, Michael J.	2,255,158	HUSCO INTERNATIONAL, INC.	2,255,991	KEMPNER, James Szkolnick	2,256,642
GREENMASTER INDUSTRIAL CORP.	2,224,827	HUX, Shawn E.	2,253,017	KENMOCHI, Yasuhiko	2,256,094
GRIFFITH, Gary L.	2,251,996	HUXEL, Shawn T.	2,256,142	KERR, Terrence S.	2,255,401
GROPP, Ronald	2,248,727	IHARA, Tomohiko	2,256,077	KHALEGHI, Farideh	2,254,593
GRUNENTHAL GMBH	2,256,007	ILLINOIS TOOL WORKS INC.	2,254,250	KIJLSTRA, Johan	2,255,968
GRUPPO ELETTRIC 80 BIEFFE S.R.L.	2,255,139	ILLINOIS TOOL WORKS INC.	2,254,253	KIMBERLY-CLARK WORLDWIDE, INC.	2,248,722
GRUTSCH, George A.	2,224,949	IMAGAWA, Seiki	2,255,983	KIMBERLY-CLARK WORLDWIDE, INC.	2,248,727
GUENTHER, Hans	2,224,796	INDIGO MEDICAL, INC.	2,256,142	KIMBERLY-CLARK WORLDWIDE, INC.	2,253,704
GUERET, Jean-Louis	2,255,231	INOUE, Hiroo	2,256,024	KIVIOJA, Pekka	2,256,078
GUERRA, Gina	2,256,307	INTERNATIONAL VERIFACT INC.	2,225,268	KLEAR-VU CORPORATION	2,241,057
GULA, Lance	2,256,205	ISHIKAWA, Hisashi	2,256,024	KLIEBHAN, Daniel Francis	2,254,430
GUNTHER HEISSKANAL- TECHNIK GMBH	2,254,629	ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES CO., LTD.	2,243,045	KLIPPEL, Todd W.	2,255,401
GUNTHER, Herbert	2,254,629	ITT MANUFACTURING ENTERPRISES, INC.	2,256,272	KM EUROPA METAL AG	2,256,207
HABIF, Stephen Samuel	2,255,108	IVOCLAR AG	2,254,649	KNAPP, Volker	2,256,134
HALDOR TOPSOE A/S	2,256,215	IWAKIRI, Haruhisa	2,256,135	KNISELY, Douglas N.	2,254,483
HALL, Hans	2,255,502	IWASE, Masayoshi	2,256,276	KNITTEL, Gerald H.	2,256,057
HALL, Terry	2,256,657	JACOBS, Paul Taylor	2,256,036	KOCH, Russell W.	2,255,319
HALL, Werner	2,255,502	JACOBS, Paul Taylor	2,256,040	KOGEL, Babette-Yvonne	2,256,007
HALLIBURTON ENERGY SERVICES, INC.	2,256,104	JACQUIER, Isabelle	2,255,203	KOHLE, Hans-Jürgen	2,254,399
HAMADA, Hitoshi	2,256,276	JANESKY, Lawrence M.	2,230,628	KOHLER, Joylee E.	2,252,236
HAMKINS, Eric P.	2,255,991	JANSEN, Bernhard	2,255,968	KONIG, Joachim	2,255,968
HANDFORTH, Martin Ridgway	2,225,235	JENSEN, Roy A.	2,252,236	KONNO, Yuji	2,256,024
HANSEN, Eric J.	2,255,142	JENSEN, Roy A.	2,254,540	KONOSHIMA CHEMICAL CO., LTD.	2,255,983
HARRINGTON, John Leslie	2,254,253	JINDAL, Anita	2,255,128	KOPIETZ, Jan	2,256,639
HARRIS, Russell W.	2,242,148	JINDAL, Anita	2,255,406	KORB, Gerhard	2,256,941
HASEGAWA, Hiroshi	2,255,337	JODOIN, Sylvain	2,244,312	KORDOSKY, Gary A.	2,243,925
HASKELL, Phil	2,218,490	JODOIN, Sylvain	2,251,459	KOWALYSHEN, Henry W.	2,255,397
HEERTJES, Johannes	2,251,211	JOHNS MANVILLE INTERNATIONAL, INC.	2,256,262	KRATZENBERG, Wolfgang	2,256,217
HEIDEMANN, Rolf	2,255,272	JOHNSON, Robert Elliott	2,225,300	KRAUS, Michael	2,256,087
HEMSCHMEIER, Hans-Jürgen	2,256,207	JOHNSON, Troy A.	2,252,260	KRAUS, Michael	2,256,089
HERR, Joel L.	2,253,137	JOHNSON, Troy A.	2,253,137	KRESSNER, Bernhardt E.	2,248,727
HERSHER, John Erik	2,248,395	JONES, Barry W.	2,256,097	KRIMMEL, Heinz	2,255,272
HEWLETT-PACKARD COMPANY	2,247,699	JONES, Timothy Gareth John	2,255,320	KRISHNAN, Sanjeev	2,255,128
HILL, Douglas B.	2,255,401	JONES, Timothy Gareth John	2,255,354	KRISHNAN, Sanjeev	2,255,406
HILMART, Sune	2,256,209	JONES, Timothy Gareth John	2,255,356	KROSAKI CORPORATION	2,255,123
HIRABE, Masashi	2,256,171	JUAN, Shao-Min	2,255,978	KUAN, Feng-Shian	2,224,939
HITOSHI, Takada	2,256,182	KABUSHIKI KAISHA KOBE SEIKO SHO ALSO KNOWN AS KOBE STEEL, LTD.	2,256,135	KUBO, Hitoshi	2,255,983
HOECHST MARION ROUSSEL DEUTSCHLAND GMBH	2,256,941	KABUSHIKI KAISHA TOSHIBA	2,255,295	KUO, Wen-Yi	2,254,401
HOLBEIN, Edward Bruce	2,225,370	KADABA, Narendra S.	2,249,898	KUO, Wen-Yi	2,254,483
HOMMELTOFT, Sven Ivar	2,256,215	KAHR, Joseph C.	2,234,813	KURZ, Martin	2,256,251
HONDA CANADA INCORPORATED	2,255,788	KAMIJO, Tsunao	2,256,135	KUTCHMAREK, Darrell J.	2,256,158
HONDA GIKEN KOGYO KABUSHIKI KAISHA	2,255,788	KAMIMURA, Kunio	2,255,547	LAHTINEN, Juha	2,256,078
HONEYWELL INC.	2,254,703	KANEKA MEDIX CORPORATION	2,255,984	L'AIR LIQUIDE, SOCIÉTÉ ANONYME POUR L'ÉTUDE ET L'EXPLOITATION DES PROCÉD	2,256,170
HORVATH, Istvan	2,257,083	KANEKA MEDIX CORPORATION	2,255,993	LAKNER, Martin	2,256,571
HOWARD, Anthony	2,255,468	KANETO, Keiichi	2,255,993	LASKY, William M.	2,256,218
HOWARD, Thomas J., Jr.	2,256,021	KANG, Sang I.	2,243,925	LAURENTS, Karsten	2,256,215
HOZER, Leszek	2,256,240	KARASA, Alvydas P.	2,256,021	LAUZON, Eric	2,244,312
HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP	2,225,126	KAWADA, Minoru	2,255,359	LAWLOR, Michael	2,224,919
HSC RESEARCH AND DEVELOPMENT LIMITED PARTNERSHIP	2,255,109	KAWADA, Minoru	2,256,152	LAWLOR, Michael	2,256,200
HUANG, Mitsy	2,256,206	KAWAMOTO, Noriyuki	2,255,337	LEADBEATER, John Michael	2,250,465
HUARNG, Roger Jyh-Chiang	2,244,023	KAWATOKO, Norihiro	2,256,024	LEAVITT, Frederick Wells	2,256,076
				LEE, David K.	2,255,998
				LEE, David K.	2,256,115
				LEE, David K.	2,256,178
				LEE, Jeremy S.	2,218,443



**Index of Canadian Laid-Open Applications**  
**June 13, 1999 - June 19, 1999**

LEE, Jeremy S.	2,229,386	LUCENT TECHNOLOGIES		MIWA, Katsuhiko	2,256,190
LEE, Jeremy S.	2,255,113	INC.	2,254,692	MIYAGAWA, Kazuya	2,256,135
LEECH, David	2,256,269	LUNDEN, Sidney L.	2,235,647	MIZE, James Brian	2,256,260
LEHMANN, Thomas	2,256,827	LUNDHOLM, Gary Allen	2,256,262	MIZUNO, Seiji	2,256,276
LEHNERT, Rudolf	2,256,941	LUNDY, Quintin	2,256,657	MOECHNIG, Bruce Willard	2,256,118
LEMETTINEN, Jaakko	2,256,068	LUYKEN, Hermann	2,255,235	MOHAN, Sankar K.	2,256,155
LEMONIER, Bryon James	2,256,262	MACDONALD, Walter Martin	2,225,370	MOILANEN, Arto	2,255,789
LERCH, Konrad	2,256,079	MACK, Joseph A.	2,254,703	MOLD-MASTERS LIMITED	2,224,796
LEUCA, Ileana A.	2,255,475	MACKENZIE, Douglas H.	2,225,293	MOLD-MASTERS LIMITED	2,225,287
LEVITON MANUFACTURING		MAGIERA, Robert	2,256,134	MONEREAU, Christian	2,256,170
CO., INC.	2,256,208	MAHAN, Laura	2,256,221	MONGEON, Jean-Pierre	2,218,959
LEVITON MANUFACTURING		MAJMUJAR, Sudhir	2,225,235	MONTELL NORTH AMERICA	
CO., INC.	2,256,210	MALANDRA, Charles R., Jr.	2,256,167	INC.	2,255,434
LEVITON MANUFACTURING		MALANDRA, Charles R., Jr.	2,256,273	MONTELL NORTH AMERICA	
CO., INC.	2,256,243	MALENFANT, Martin	2,225,004	INC.	2,255,467
LeVOIR, Donald L.	2,255,247	MALENFANT, Martin	2,225,005	MONTFORT, Christophe	2,256,170
LG ELECTRONICS	2,256,240	MANKU, Tanjinder	2,224,953	MONTGOMERY, Robert Keith	2,254,456
LILLARD, James	2,256,250	MANSER, Ian Jay	2,256,319	MONTGOMERY, William Eric	2,243,255
LIN, Chester H.	2,255,397	MARCHIORI, Michele	2,255,232	MONTGOMERY, William Eric	2,243,449
LIN, Szu-Min	2,256,036	MARLIN, John D.	2,255,468	MOORMAN	
LIN, Szu-Min	2,256,040	MARQUEZ, Joseph D.	2,250,322	MANUFACTURING	
LINDENMAN, Thomas W.	2,256,658	MARTIN, Kevin V.	2,243,925	COMPANY	2,256,118
LINDERSON, Paul E.	2,254,685	MASAHARU, Kiriki	2,256,182	MORAN, John C.	2,251,996
LIU, Liqing	2,224,870	MASCHINENFABRIK RIETER		MORDON, Serge	2,255,204
LIVINGSTON, Peter M.	2,255,436	AG	2,256,050	MORFORD, Stephen A.	2,255,549
LO, Steve Chung-Bun	2,255,401	MASSEY, Phillip S.	2,254,253	MORGAN ADHESIVES	
LOGAN, Eric R.	2,255,175	MASTERS, Michael T.	2,256,267	COMPANY	2,256,057
LOGLIFT OY AB	2,255,789	MATHEWS, Eugene P.	2,252,236	MORIA SA	2,225,791
LONG, Lawrence E.	2,253,077	MATSUNUMA, Kenji	2,250,629	MORIMOTO, Shinichi	2,255,337
LOOTS, Arie	2,255,980	MATSUSHITA ELECTRIC		MORTON INTERNATIONAL,	
L'ORÉAL	2,255,148	INDUSTRIAL CO., LTD.	2,255,323	INC.	2,255,533
L'ORÉAL	2,255,168	MATSUSHITA ELECTRIC		MORTON INTERNATIONAL,	
L'ORÉAL	2,255,203	INDUSTRIAL CO., LTD.	2,256,190	INC.	2,255,543
L'ORÉAL	2,255,206	MATSUSHITA ELECTRICAL		MOSZNER, Norbert	2,254,649
L'ORÉAL	2,255,209	INDUSTRIAL CO., LTD.	2,256,136	MULLER, Hans Rudolf	2,256,251
L'ORÉAL	2,255,222	MATTISON, Phillip L.	2,243,925	MUNSCH, William D.	2,256,205
L'ORÉAL	2,255,226	MAUBRU, Mireille	2,255,206	MUNTER, Claes	2,256,209
L'ORÉAL	2,255,229	MAURER, Michael	2,255,169	MUNZENBERG, Jörg	2,256,134
L'ORÉAL	2,255,231	MAYTAG CORPORATION	2,252,253	MYER, Robert Evan	2,252,210
LOREE, Dwight N.	2,225,297	MAYTAG CORPORATION	2,252,260	MYER, Robert Evan	2,254,456
LOTZ, Reinhard	2,255,532	MAYTAG CORPORATION	2,253,137	MYER, Robert Evan	2,254,542
LOUDERMILK, Dannie S.	2,249,547	McCOY, Rick	2,256,658	MYERS, Jonathan L.	2,242,078
LOVELAND, James B.	2,249,246	McKAGUE, Alan R.	2,254,564	NADEAU, Raymond	2,251,459
LUCENT TECHNOLOGIES		McKAGUE, Alan R.	2,254,584	NAITO, Hiroyuki	2,255,337
INC.	2,251,996	MERCK PATENT		NAKAGAMA, Syoji	2,256,077
LUCENT TECHNOLOGIES		GESELLSCHAFT MIT		NAKAYAMA, Hajime	2,255,471
INC.	2,252,209	BESCHRÄNKTER		NALCO CHEMICAL	
LUCENT TECHNOLOGIES		HAFTUNG	2,242,107	COMPANY	2,255,457
INC.	2,252,210	MERCURIO, Frank	2,254,685	NANDA, Sanjiv	2,254,483
LUCENT TECHNOLOGIES		MERTZEL, Elaine A.	2,250,626	NCR CORPORATION	2,256,113
INC.	2,252,236	MESHER, Shaun T.E.	2,225,297	NEC CORPORATION	2,256,169
LUCENT TECHNOLOGIES		META HANDELS-		NEC CORPORATION	2,256,171
INC.	2,254,401	GESELLSCHAFT M.B.H.	2,256,133	NEC CORPORATION	2,256,562
LUCENT TECHNOLOGIES		METZGAR, Richard E.	2,255,457	NEC CORPORATION	2,256,583
INC.	2,254,430	MEUBUS, Charles J.	2,251,459	NEC CORPORATION	2,256,837
LUCENT TECHNOLOGIES		MEYERS, Martin Howard	2,254,401	NEIGER, Benjamin B.	2,256,208
INC.	2,254,453	MEYERS, Martin Howard	2,254,483	NEIGER, Benjamin B.	2,256,210
LUCENT TECHNOLOGIES		MICHELSSEN, Theodore W.	2,256,262	NEIGER, Benjamin B.	2,256,243
INC.	2,254,456	MIKAMI, Tadashi	2,255,337	NELSON, John M.	2,244,360
LUCENT TECHNOLOGIES		MILLER, Thomas M.	2,225,223	NEMCO, INC.	2,255,259
INC.	2,254,483	MILLER, W. Scott	2,225,157	NEW VENTURE GEAR, INC.	2,255,303
LUCENT TECHNOLOGIES		MITSUBISHI HEAVY		NEW VENTURE GEAR, INC.	2,255,438
INC.	2,254,540	INDUSTRIES, LTD.	2,255,359	NEW VENTURE GEAR, INC.	2,256,155
LUCENT TECHNOLOGIES		MITSUBISHI HEAVY		NEWMAN, Elaine B.	2,224,776
INC.	2,254,542	INDUSTRIES, LTD.	2,256,152	NEWMAN, Elaine B.	2,255,460
		MIWA, Katsuhiko	2,256,136	NGUYEN, Khuy V.	2,253,017

## Index des demandes canadiennes mises à la disponibilité du public

13 juin 1999 - 19 juin 1999

NIAN, Chin Fu	2,225,106	PASS & SEYMOUR, INC.	2,250,322	QIU, Xiaoxin	2,255,355
NIEMAN, James	2,225,325	PATEL, Dahyabhai U.	2,256,595	QUACCHIA, Marco	2,256,197
NIPPON SHOKUBAI CO., LTD.	2,256,182	PATEL, Mohan	2,254,456	QUEMIN, Eric	2,255,148
NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2,256,179	PATERSON, Donald G.	2,225,235	QUEMIN, Eric	2,255,168
NIRO PROCESS TECHNOLOGY B.V.	2,256,244	PATTERSON, Steven H.	2,254,692	QUINN, Robert L.	2,256,240
NOMURA, Masaru	2,255,390	PAUL, Willi	2,256,571	QUIRION, Yvan	2,247,655
NORTHERN ELASTOMERIC	2,246,524	PEARSE, James N.	2,256,208	R2M Distribution Inc.	2,225,190
NORTHERN TELECOM LIMITED	2,225,235	PEARSE, James N.	2,256,210	R2M Distribution Inc.	2,225,236
NORTHERN TELECOM LIMITED	2,244,312	PEARSE, James N.	2,256,243	RAATIKAINEN, Juha	2,256,068
NORTHERN TELECOM LIMITED	2,249,129	PEARSON, Harry	2,225,257	RASIG, Gerhard	2,256,134
NORTHERN TELECOM LIMITED	2,250,275	PEDICONE, John T.	2,256,222	RASMUSSEN, Tristen	2,256,285
NORTHERN TELECOM LIMITED	2,251,459	PEEVLER, Gary M.	2,242,078	RAVIZZA PACKAGING SRL	2,256,146
NORTHERN TELECOM LIMITED	2,254,591	PENKSA, Christine Marie	2,255,108	RAVIZZA, Roberto	2,256,146
NORTHERN TELECOM LIMITED	2,254,593	PERSON, David V.	2,244,360	RAYMENT, Paul	2,218,482
NORTHERN TELECOM LIMITED	2,255,978	PERSSON, Michael	2,256,141	REAL 3-D	2,256,222
NORTHERN TELECOM LIMITED	2,256,066	PFIZER PRODUCTS INC.	2,256,227	REIMAN, Martin I.	2,254,540
NORTHERN TELECOM LIMITED	2,256,187	PFIZER PRODUCTS INC.	2,256,303	REINHARDT, Paul A.	2,256,102
NORTHERN TELECOM LIMITED	2,256,221	PIERCE, Perry A.	2,255,998	RENAULT, Béatrice	2,255,222
NOVA Chemicals Ltd.	2,225,014	PIERCE, Perry A.	2,256,115	RENAULT, Béatrice	2,255,226
NOVAK, Howard L.	2,256,870	PIERCE, Perry A.	2,256,167	RENAULT, Béatrice	2,255,229
NUCKOLS, William M.	2,250,322	PIERCE, Perry A.	2,256,178	RENVALL, Jorma	2,255,789
OAKLEY, Glenn Robin	2,225,190	PIERCE, Perry A.	2,256,273	REPO, Asko	2,255,789
OAKLEY, Glenn Robin	2,225,236	PIERCE, Perry A.	2,256,671	RETHMANN, Ralf	2,256,207
OATRIDGE, Mike	2,255,788	PIERCE, Perry A.	2,225,325	RHEINBERGER, Volker	2,254,649
O'DAY, Therese J.	2,256,683	PIERS, Edward	2,255,467	RICCOBENE, Thomas S.	2,226,067
OGURO, Keisuke	2,255,984	PIERSON, Teresa A.	2,256,066	RICE, Daphne J.	2,255,158
OHTA, Yoshinori	2,256,992	PINO, Locillo G.	2,256,068	RICHARDSON, Christopher	2,234,039
OKADA, Tomoyuki	2,256,136	PIRINEN, Ari	2,249,480	RICO, Nathalie	2,244,312
OKADA, Tomoyuki	2,256,190	PITNEY BOWES INC.	2,255,998	RILEY, David W.	2,255,998
OKAMOTO, Tatsuaki	2,256,179	PITNEY BOWES INC.	2,256,115	RILEY, David W.	2,256,115
OKARVI, Subhani M.	2,225,326	PITNEY BOWES INC.	2,256,167	RILEY, David W.	2,256,178
OKAWA, Junji	2,255,337	PITNEY BOWES INC.	2,256,173	RIVARD, Kurt David	2,254,692
OLSON, Brian Francis	2,256,262	PITNEY BOWES INC.	2,256,178	ROß, Karl-Heinz	2,255,235
OLVERA, Gilbert	2,254,250	PITNEY BOWES INC.	2,256,273	ROBERGE, Michel	2,225,325
ONISHI, Kazuo	2,255,984	PITNEY BOWES INC.	2,256,275	ROBERT, Francyn	2,218,976
OPFER, John C.	2,255,397	PITNEY BOWES INC.	2,256,277	ROBERTS, Edward M.	2,256,205
ORSUCCI, Marzio	2,255,232	PITNEY BOWES INC.	2,256,671	ROBERTSON, Robert	2,256,189
OSi SPECIALTIES, INC.	2,256,206	PITRE, Franck	2,255,204	ROCHE, Ronald H.	2,249,932
OSRAM SYLVANIA INC.	2,243,255	PLASCO, INCORPORATED	2,256,683	RODE, Dirk	2,256,207
OSRAM SYLVANIA INC.	2,243,449	PLASTICAN, INC.	2,249,953	ROEMISCH, Stefania	2,256,188
OTSUBO, Toshifumi	2,256,049	POLAROID CORPORATION	2,249,898	ROHM AND HAAS COMPANY	2,256,642
OTSUKI, Haruka	2,256,270	POLYSOURCE, INC.	2,254,417	ROICK, Thomas	2,255,968
OTTO, Karin	2,256,636	POMAYBO, Robert M.	2,256,205	ROKUGO, Yoshinori	2,256,583
OTTO, Kurt	2,248,727	PONTE, Gary W.	2,252,943	Rolls-Royce plc	2,225,263
Owens Corning	2,225,157	PORCELLI, Filippo	2,255,157	ROODENRIJS, Jacobus Petrus	2,256,244
PALIT, Kalipada	2,256,240	PRABHU, Ashok Narayan	2,256,240	ROSE, William J.	2,256,208
PANIAN, Karen L.	2,256,205	PRAXAIR TECHNOLOGY, INC.	2,256,076	ROSE, William J.	2,256,210
PAQUETTE, Pierre	2,224,908	PRAXAIR TECHNOLOGY, INC.	2,256,260	ROSE, William J.	2,256,243
PAQUETTE, Pierre	2,256,138	PRESTON, Janet Susan	2,256,818	ROSEANU, Ecaterina Gabriela	2,225,370
PARR, Michael J.	2,225,328	PRIME PERFORATING SYSTEMS LIMITED	2,224,870	ROSS, John Anderson Fergus	2,248,395
		PRISMO LIMITED	2,256,269	ROTH, Judy A.	2,256,057
		PROSPERI, Giulio	2,255,157	ROUGE, Dominique	2,256,170
		PROULX, Stephane	2,244,312	ROULIER, Véronique	2,255,148
		PSC Technologies, Inc.	2,225,223	ROULIER, Véronique	2,255,168
		PUCKETTE, Charles McDonald	2,248,395	RUMPHORST, André	2,254,649
		PUGIA, Michael J.	2,249,778	RUTZEL, Karl-Heinz	2,256,134
		PURACCHIO, Gerald A.	2,243,255	RYAN, Frederick W.	2,256,173
		PURACCHIO, Gerald A.	2,243,449	RYAN, Frederick W.	2,256,178
		PUTZ, Claudia	2,256,007	RYAN, Frederick W.	2,256,275
		PY, Daniel	2,256,593	RYAN, Frederick W., Jr.	2,255,998
		PYRCE, John David	2,254,692	RYAN, Frederick W., Jr.	2,256,115
				S&C ELECTRIC COMPANY	2,255,397
				S&C ELECTRIC COMPANY	2,255,401
				SACCEDDU, Pasquale	2,255,157
				SACKMANN, Günter	2,255,968
				SADR, Changize	2,256,808

**Index of Canadian Laid-Open Applications**  
**June 13, 1999 - June 19, 1999**

SAFETRAN SYSTEMS CORPORATION	2,255,247	SHELL INTERNATIONALE RESEARCH		STROH, Peter	2,256,636
SAITO, Hidetoshi	2,250,629	MAATSCHAPPIJ B.V.	2,256,226	SUMIAN, Chryslain	2,255,204
SAKAMOTO, Koichi	2,256,992	SHEPHERD, David J.	2,250,591	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,250,629
SAKCRISKA, Glenn	2,256,140	SHEU, Hrong Roang	2,250,285	SUMITOMO ELECTRIC INDUSTRIES, LTD.	2,256,077
SALDIN, Wallace R.	2,254,703	SHEU, Hrong Roang	2,254,332	SUN MEDICAL CO., LTD.	2,256,270
SALFLEX POLYMERS LTD.	2,256,808	SHIMIZU, Masakata	2,256,135	SUN MICROSYSTEMS, INC.	2,255,128
SALOMON, James A.	2,249,480	SHIMODA, Kouhei	2,256,077	SUN MICROSYSTEMS, INC.	2,255,131
SALZ, Ulrich	2,254,649	SHIMOE, Nariaki	2,256,049	SUN MICROSYSTEMS, INC.	2,255,133
SANCHEZ, Matthew E.	2,255,998	SHIOIRI, Noriaki	2,255,337	SUN MICROSYSTEMS, INC.	2,255,393
SANDEFUR, Charles W.	2,255,224	SHIROUCHI, Shoji	2,256,135	SUN MICROSYSTEMS, INC.	2,255,406
SANDERS, Charles Albert	2,254,401	SHORT, Michael L.	2,249,754	SUN MICROSYSTEMS, INC.	2,256,610
SANTHANAM, Uma	2,255,108	SHU-HUA WU, Richard	2,256,642	SUN MICROSYSTEMS, INC.	2,256,613
SARNOFF CORPORATION	2,256,240	SIECOR CORPORATION	2,255,175	SUN MICROSYSTEMS, INC.	2,256,675
SARTORI, Guido	2,252,033	SIERRA MEDINA, Manuel	2,252,489	SUNDERLAND, Charles-Austin	2,253,718
SARTORI, Guido	2,252,040	SIGMA-TAU INDUSTRIE FARMACEUTICHE		SUNDHAR, Kalyan R.	2,249,129
SARTORI, Guido	2,252,928	RIUNITE SPA	2,256,033	SURESH, Mavanur R.	2,225,326
SASTRI, Munigoti S.	2,256,319	SIGNORELLI, John A.	2,254,219	TACHIBANA, Koichi	2,255,337
SATO, Minoru	2,255,788	SILVESTRIN, Pierluigi	2,255,494	TAILLON, Armand P.	2,255,270
SATO, Susumu	2,255,337	SIMIONI, Lino	2,225,216	TAIRA, Toshimitsu	2,255,123
SAUCIER, Marcel	2,225,225	SIMMONS, George R.	2,256,057	TAJIKI, Hiroshi	2,256,024
SAVAGE, David William	2,252,033	SIMPSON, John F.	2,248,773	TAKADA, Yoshinori	2,256,837
SAVAGE, David William	2,252,040	SINCO RICERCA S.P.A.	2,255,315	TAKAGI, Nobuaki	2,255,123
SAVAGE, David William	2,252,928	SLUSHER, Carter C.	2,255,353	TAKAHASHI, Kei	2,255,567
SCANILEC B.V.	2,251,211	SMITH, David B.	2,254,453	TAKAHASHI, Kenji	2,256,024
SCARPA, Jack G.	2,255,468	SMITH, Mark H.	2,225,157	TAKAHASHI, Yoshiaki	2,243,045
SCARPA, Jack G.	2,255,473	SMITH, Stephen W.	2,256,148	TAKASHIMA, Wataru	2,255,993
SCARPA, Jack G.	2,256,657	SNIDER, William L.	2,244,360	TAKENAKA, Yoshimichi	2,256,135
SCHAUB, Herbert Raymond	2,256,076	SNYDER, Timothy S.	2,255,549	TANAKA, Harumi	2,256,270
SCHELP, Carsten	2,256,087	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2,250,465	TANAKA, Yoshinori	2,256,094
SCHELP, Carsten	2,256,089	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2,253,718	TANG, DucQuang	2,256,233
SCHIANCHI, Mirco	2,255,139	SOLARI, Stefano	2,256,151	TARNOSKI, Charles P.	2,255,533
SCHIESSER, Hans-Georg	2,254,399	SOLHEIM, Alan Glen	2,254,593	TELEFONAKTIEBOLAGET LM ERICSSON	2,256,141
SCHLAGE LOCK COMPANY	2,256,166	Solucorp Industries Ltd.	2,225,367	TERLSON, Brad A.	2,254,703
SCHLUMBERGER CANADA LIMITED	2,255,320	SON, Yong Sik	2,225,119	THE MINSTER MACHINE COMPANY	2,249,754
SCHLUMBERGER CANADA LIMITED	2,255,354	SONG, Cheng Q.	2,255,434	THE RELIABLE AUTOMATIC SPRINKLER CO., INC.	2,252,943
SCHLUMBERGER CANADA LIMITED	2,255,356	SONY CORPORATION	2,255,471	THE STANDARD PRODUCTS COMPANY	2,250,626
SCHMIDHAUSER, John Christopher	2,255,484	SONY CORPORATION	2,256,239	The University of British Columbia	2,225,325
SCHMIDT, Jonathan M.	2,248,426	SONY ELECTRONICS, INC.	2,245,977	THE UNIVERSITY OF MANITOBA	2,255,286
SCHMIDT-HEBBEL, Harald	2,256,108	SOUTHWORTH, Robert O.	2,254,685	The University of Saskatchewan	2,218,443
SCHNARR, Raymond H.	2,256,166	SOWA, William A.	2,255,549	The University of Saskatchewan	2,229,386
SCHUY, Wilhelm	2,256,087	SPRINGS WINDOW FASHIONS DIVISION, INC.	2,256,158	THE UNIVERSITY OF SASKATCHEWAN	2,255,113
SCHWANINGER, Peter	2,256,251	SREERAM, Attinganl Narayanaswamy	2,256,240	The University of Waterloo	2,224,953
SCHWARZ, Edward L.	2,254,703	SSP CO., LTD.	2,255,337	THE VIKING CORPORATION	2,222,763
SEIDERS, Richard L.	2,256,158	ST.-GEORGE, Marilyn F.	2,256,221	THIELE, Bernd	2,255,968
SEKI, Katsutoshi	2,256,562	STAFFORD, Jamie	2,225,133	THOMAS & BETTS CORPORATION	2,255,532
SELVAAG HOMES AS	2,255,338	STAFFORD, Jamie	2,256,316	THOMAS & BETTS INTERNATIONAL, INC.	2,255,982
SELVAAG, Olav	2,255,338	STANDARD CAR TRUCK COMPANY	2,255,270	THOMAS, John E.	2,253,137
SERRES, Alain	2,256,005	STARK, Jeffrey Z.	2,225,302	THOMPSON, Brian L.	2,255,224
SEVENSON ENVIRONMENTAL SERVICES, INC.	2,242,148	STAROSTOVIC, Edward J., Jr.	2,256,181	THOMPSON-HILL, Richard	2,256,269
SEVERINI, Tonino	2,255,315	STAUCH, Werner	2,256,079	THORSNES, Ola O.	2,255,338
SEWA, Shingo	2,255,984	STEARNS, Stanley D.	2,225,204	TIETZ, Martin	2,256,108
SEWA, Shingo	2,255,993	STEIN, Siegfried	2,256,217	TIMBERCO, INC.	2,256,181
SHAH, Jitendra T.	2,255,457	STEMMLE, Denis J., Sr.	2,249,480	TINTI, Maria Ornella	2,256,033
SHAH, Lori P.	2,249,898	STENKE, Udo	2,256,827	TODD, John M.	2,254,695
SHAH, Navin B.	2,255,543	STEVENS, Joseph Michael	2,255,130	TOMIKAWA, Tamotsu	2,256,270
SHAND, Mark A.	2,225,223	STORK ENGINEERING AB	2,256,209		
SHANNON, Charles E.	2,255,224	STRASSBURGER, Wolfgang	2,256,007		
SHARP KABUSHIKI KAISHA	2,255,390	STRICKLAND, Glenna L.	2,225,297		
SHARP KABUSHIKI KAISHA	2,255,547				

**Index des demandes canadiennes mises à la disponibilité du public  
13 juin 1999 - 19 juin 1999**

TONG, Wen	2,225,231	WAGSTAFF, Ian	2,225,164	ZARETSKY, Albert	2,256,210
TOYOTA JIDOSHA		WAHL, Peter	2,255,235	ZDENECK, Jerrold Scott	2,256,097
KABUSHIKI KAISHA	2,256,276	WALBRO CORPORATION	2,249,932	ZHUANG, Helen	2,225,287
TRINITY INDUSTRIES, INC.	2,256,148	WALKER, Frederick Herbert	2,225,164	ZICKELL, Thomas J.	2,246,524
TRUAX, Perin E.	2,222,763	WANG, Leao	2,224,827	ZIESSE, Norman Gerard	2,254,456
TRW INC.	2,255,436	WANG, Qinyan	2,225,014	ZIMMER, Oswald	2,256,007
TRYSOL LIMITED	2,225,297	WANG, Rui	2,225,231	ZIVOJINOVIC, Vojin	2,225,227
TSUGA, Kazuhiro	2,256,136	WATANABE, Masatoshi	2,255,323	ZORICAK, Peter	2,225,014
TSUGA, Kazuhiro	2,256,190	WATANABE, Takashi	2,255,295	ZWIKSTRA, Nico	2,255,980
TUBOSCOPE VETCO		WATERS, Dixie Green	2,256,226		
INTERNATIONAL, INC.	2,244,360	WATSKY, Eric Jacob	2,256,227		
TUCK, Michael C.	2,253,704	WEAVER, Carl Francis	2,254,401		
TUGGLE, W. Gregory	2,255,259	WEBER, Joseph Alfred	2,256,274		
TURLEY, Eva A.	2,237,051	WEBER, Ronald G.	2,250,626		
TUSTIN, Gary John	2,255,320	WEBSTER, William C.	2,225,367		
TUSTIN, Gary John	2,255,354	WEHTJE, Erik W.	2,254,417		
TUSTIN, Gary John	2,255,356	WEIMER, Thomas	2,255,531		
UAB FOUNDATION	2,256,250	WENDT, Alan C.	2,256,054		
UCHIMURA, Soichiro	2,255,788	WENDT, Alan C.	2,256,144		
UCHIYAMA, Shigenori	2,256,179	WENZ, Eckhard	2,255,968		
UEKI, Hideyuki	2,256,270	WERNER, Paul	2,225,204		
UENOHARA, Yuzo	2,255,788	WESTCOTT, Ray	2,256,269		
UEYAMA, Hideyuki	2,255,547	WESTERN ATLAS			
ULTRAFRAME (UK) LIMITED	2,234,039	INTERNATIONAL, INC.	2,256,101		
UNI-CHARM CORPORATION	2,256,049	WESTERN ATLAS			
UNI-CHARM CORPORATION	2,256,094	INTERNATIONAL, INC.	2,256,102		
UNILEVER PLC	2,255,108	WESTINGHOUSE AIR BRAKE			
UNILEVER PLC	2,255,553	COMPANY	2,234,813		
UNITED TECHNOLOGIES		WHEELER, Mason G., Jr.	2,242,148		
CORPORATION	2,255,549	WHITE, Jamie	2,256,808		
UNIVERSITY OF GUELPH	2,248,426	WIEGAND, Andreas	2,256,089		
UNKNOWN	2,218,475	WIESCHNOWSKY, Udo	2,256,639		
USBI CO.	2,255,468	WILLIAMS, Jesse J.	2,255,142		
USBI CO.	2,255,473	WILLIAMS, Randolph C.	2,255,303		
USBI CO.	2,256,657	WILLIAMS, Randolph C.	2,255,438		
USBI CO.	2,256,870	WINKLER & DUNNEBIER AG	2,254,366		
USG INTERIORS, INC.	2,256,054	WISHART, David	2,225,326		
USG INTERIORS, INC.	2,256,144	WIST, Bernard	2,256,325		
VAGENAS, John	2,225,224	WITCO SURFACTANTS			
VAGENAS, Tasso	2,225,224	GMBH	2,254,399		
VALMET CORPORATION	2,256,078	WITZEL, Tom	2,255,235		
VALYI, Emery I.	2,225,305	WONG, Chi-Keung	2,250,275		
VAN DOMESELAAR, Gary	2,225,326	WONG, Yiu Kong	2,225,268		
VAN DYKE, Kevin J.	2,255,549	WRIGHT, Sarah Lucy	2,256,187		
VAN WAVERN, Beth	2,256,657	WU, Su-Syin S.	2,256,040		
VANDE HAAR, Evan R.	2,252,253	WUDARSKI, Jill Ann	2,256,642		
VANLAAR, Brian L.	2,248,773	XACTWARE INFORMATION			
VARATTA, Thomas Robert	2,254,668	SERVICES, INC.	2,249,246		
VAUGHAN, Barry John	2,247,699	YAGI, Hideki	2,255,983		
VELAN, George M.	2,254,250	YAGI, Tomotaka	2,256,136		
VIDAILLAC, Pierre	2,256,339	YAGI, Tomotaka	2,256,190		
VIDAL, Laurent	2,255,206	YAHKIND, Alexander Leo	2,225,164		
VIGLIONE, Louis	2,222,858	YAMAMOTO, Takashi	2,256,270		
Vinylbilt Shutters Systems Inc.	2,224,834	YAMAMOTO, Takeshi	2,256,169		
VIRNIG, Michael J.	2,243,925	YAMAZAKI, Kazuo	2,255,337		
VOGEL, Karl	2,256,639	YANAGITANI, Takagimi	2,255,983		
VOGLER, Conny	2,256,639	YING, Wen-Ping	2,255,475		
VOIT, Guido	2,255,235	YOKOYAMA, Toshio	2,255,337		
VOITH SULZER		YOSHIDA, Yuki	2,243,045		
PAPIERTECHNIK		YOSHIMURA, Joji	2,256,276		
PATENT GMBH	2,256,108	YOSHITAKE, Eizo	2,254,564		
VOSA, Renato	2,255,315	YOSHITAKE, Eizo	2,254,584		
VRONTAKIS, Maria E.	2,255,286	YU, Wei-Ching	2,253,017		
VYAKAMAM, Murty N.	2,256,142	YUAN, Jie Jenny	2,256,142		
WAGMAN, Richard S.	2,255,175	YUEN, Ki Sheung	2,225,268		
WAGNER, Ruedi	2,256,050	YUZAKI, Tsuneo	2,256,152		

**Index of Canadian Laid-Open Applications  
June 13, 1999 - June 19, 1999**

# Index of PCT Applications Entering the National Phase

## Index des demandes PCT entrant en phase nationale

3-DIMENSIONAL PHARMACEUTICALS, INC.	2,270,527	AOKI, Katsuko	2,270,169	BEHRENDTS, Sabine	2,270,551
A.E. STALEY MANUFACTURING COMPANY	2,270,522	AOSHIMA, Yoshio	2,270,416	BEHRENDT, Matthias	2,270,216
AALTONEN, Rami	2,270,338	AQUATIC BIOENHANCEMENT SYSTEMS	2,270,440	BELLOTTI, Vittorio	2,270,362
AB GOLVABIA	2,270,778	AQUATIC BIOENHANCEMENT SYSTEMS	2,270,470	BENDTSEN, Lars	2,270,531
AB KOMPOSITPRODUKTER VIKMANSHYTTAN	2,270,363	ARAAKE, Minako	2,270,558	BENJAMIN, Menashe	2,270,217
ABEYSEKERA, Brian Fredrick	2,270,242	ARAI, Kazuyoshi	2,270,199	BENNETT, Alison Margaret Anne	2,270,243
ACHTMANN, Hans	2,270,537	ARCH CHEMICALS, INC.	2,270,549	BEN-YEHUDA, Yariv	2,270,247
ADAMO, Mark M.	2,270,348	ARCHIMBAULT, Philippe	2,270,581	BERGGREN, Sören	2,270,340
ADEY, Walter H.	2,270,440	ARMSTRONG, John	2,270,461	BERGLUND, Kurt	2,270,567
ADEY, Walter H.	2,270,470	ARNOLD, Grégoire	2,270,069	BERGMANN, Fred	2,270,667
ADMIRAAL, Alida Geertruida Maria	2,270,660	ASCOM INFRASYS AG	2,270,445	BEVACQUA, Andrew J.	2,270,073
ADVALOVIC, Nebojsa	2,270,560	ASEA BROWN BOVERI AB	2,270,340	BHARGAVA, Ashok K.	2,270,627
AGGARWAL, Ishwar D.	2,270,435	ASEA BROWN BOVERI AB	2,270,341	BHP MINERALS INTERNATIONAL INC.	2,270,079
AGRAFIOTIS, Dimitris K.	2,270,527	ASEA BROWN BOVERI AB	2,270,342	BICKFORD, Karin Staffin	2,270,625
AHR, Nicholas Albert	2,270,480	ASEA BROWN BOVERI AB	2,270,342	BILLIAR, Timothy R.	2,270,619
AILOVA, Maria	2,270,185	ASEA BROWN BOVERI AB	2,270,390	BINDER, Andres	2,270,665
AIR LIQUIDE SANTÉ (INTERNATIONAL)	2,270,551	ASHER, Sanford A.	2,270,346	BINDER, Sidney	2,270,384
AIR LIQUIDE SANTE (INTERNATIONAL)	2,270,473	ASHLAND INC.	2,270,611	BIOPOLYMERIX, INC.	2,270,258
AIZAWA, Katsuo	2,270,558	ATHANASSIOU, Charalambos N.	2,270,357	BIOSTAR, INC.	2,270,421
AKERBLOM, Ingrid E.	2,270,156	ATHANIKAR, Narayan K.	2,270,520	BISCHOF, Daniel F.	2,270,413
AKERS, Francis I.	2,270,819	ATLANTIC RESEARCH CORPORATION	2,270,196	BITTLESTON, Simon Hastings	2,270,719
AKZO NOBEL N.V.	2,270,208	ATX RESEARCH, INC.	2,270,604	BJ SERVICES COMPANY	2,270,556
AKZO NOBEL N.V.	2,270,229	AUDOUSSET, Marie-Pascale	2,270,576	BLANKENBECKLER, Nicole Lee	2,270,615
ALA-HUIKKU, Sirpa	2,270,667	AUGUSTINE MEDICAL, INC.	2,270,436	BODOLAY, Michael J.	2,270,358
ALAM, Dawood	2,270,149	AUGUSTINE, Scott D.	2,270,436	BODOLAY, William A.	2,270,358
ALCATEL SEL AKTIENGESELLSCHAFT	2,270,139	AUXEIN CORPORATION	2,270,817	BOGART, Gregory R.	2,270,421
ALCON LABORATORIES, INC.	2,270,349	AUZINGER, Dietmar	2,270,450	BOKSTROM, Monica	2,270,598
ALCON LABORATORIES, INC.	2,270,775	AYE, Thein Thein	2,270,178	BOLLIGER, Martin	2,270,069
ALEXANDER, Warren S.	2,270,171	BAINBRIDGE, Marlene	2,270,110	BOLOGNA, William J.	2,270,565
ALFA LAVAL AGRI AB	2,270,108	BAKKE OIL TOOLS AS	2,270,224	BOM, Nicolaas	2,270,534
ALFERINK, Petrus Johannes Theodorus	2,270,229	BAKKE, Stig	2,270,224	BONNET, Henri	2,270,370
ALGOTEC SYSTEMS LTD.	2,270,217	BALBONTIN, Giulio	2,270,239	BOREALIS A/S	2,270,667
ALTENBURGER, Jean-Michel	2,270,478	BANDMAN, Olga	2,270,173	BORISOV, F. N.	2,270,397
ALTS, Thorsten	2,270,251	BANDMAN, Olga	2,270,291	BORMAN, Petrus Cornelis	2,270,521
ALUMINIUM PECHINEY	2,270,582	BANDMAN, Olga	2,270,407	BORMAN, Petrus Cornelis	2,270,552
ALUSUISSE TECHNOLOGY & MANAGEMENT AG	2,270,069	BANDO, Akihiko	2,270,416	BORTON, Noel T.	2,270,413
AMAL, Rose	2,270,207	BARCHET, Heinrich	2,270,117	BOUAMRA, Mohamed	2,270,578
AMBROSY, Anton	2,270,139	BARLOW, Scott W.	2,270,412	BOUILLON, Roger	2,270,373
AMERICAN HOME PRODUCTS CORPORATION	2,270,373	BAR-SELA, Ran	2,270,217	BRANDOLINI, Jean-Louis	2,270,584
ANDERLOHR, Stefan	2,270,445	BARTHOLOMEUSZ, Angeline Ingrid	2,270,178	BRANISTEANU, Dumitru	2,270,373
ANDERSEN, Carsten	2,270,180	BASF AKTIENGESELLSCHAFT	2,270,230	BRANNON, Harold D.	2,270,556
ANDERSSON, Kjell	2,270,778	BASF AKTIENGESELLSCHAFT	2,270,545	BRAUN, Andreas	2,270,132
ANDO, Takayuki	2,270,343	BASTIOLI, Catia	2,270,362	BRAY, Andrew Jonathan	2,270,613
ANDORFER, Josef	2,270,450	BATES, David John	2,270,624	BRENNAN, John	2,270,433
ANDRE, Jean-Luc	2,270,579	BAUDITZ, Peter	2,270,180	BRIERTON, Mark Joseph	2,270,526
ANDREWS, Edward A.	2,270,240	BAUDITZ, Peter	2,270,593	BRISTOL-MYERS SQUIBB COMPANY	2,270,780
		BAXTER INTERNATIONAL INC.	2,270,413	BROWNING TRANSPORT MANAGEMENT, INC.	2,270,434
		BAXTER INTERNATIONAL INC.	2,270,766	BROWNING, Wilson J., Jr.	2,270,434
		BAXTER INTERNATIONAL INC.	2,270,772	BRUCE, Larry D.	2,270,406
		BEALL, Brian B.	2,270,556	BUDSWORTH, Paul	2,270,175
		BEAUFOUR, Albert	2,270,115	BUNCE, Samantha Justine	2,270,422
		BEELEY, Lee James	2,270,431	BUNSCHOTEN, Gerrit Klaas	2,270,175
		BEGEMANN HOLDING B.V.	2,270,104	BUONGIORNO, Livio	2,270,077
		BEHRENDTS, Sabine	2,270,473		

## Index of PCT Applications Entering the National Phase

BURGSTINER, Carson B. (deceased)	2,270,223	COHESION CORPORATION	2,270,379	DI MAIO, Marco	2,270,659
BURGSTINER, Jacqueline Cook	2,270,223	COLEMAN, Robert D.	2,270,817	DIDILLON, Blaise	2,270,574
BURHOP, Kenneth E.	2,270,766	COLLET, Pierre André	2,270,197	DIONEX CORPORATION	2,270,560
BURHOP, Kenneth E.	2,270,772	COLLINS, Gary J.	2,270,162	DISCOVISION ASSOCIATES	2,270,149
BURKERT, James	2,270,220	COLLINS, Matthew James	2,270,149	DJIAUW, Lie Khong	2,270,623
BURNS, David W.	2,270,070	COLUMBIA LABORATORIES (BERMUDA) LIMITED	2,270,565	DODIER, Philippe	2,270,584
BURY, Paul Stanley	2,270,111	COMMUNAUTE EUROPEENNE (CE)	2,270,168	DOECKE, Christopher William	2,270,433
BURY, Paul Stanley	2,270,113	COMPAGNIE GERVAIS DANONE	2,270,588	DOLECEK, Victor D.	2,270,526
BUSSE, Lynda E.	2,270,435	COMPOSITE SCANDINAVIA AB	2,270,567	DONCK, Daniel	2,270,575
BUSTAMANTE, Heriberto Alejandro	2,270,207	CONNOR, Andrew F.	2,270,348	DONCKERS, Joseph Michael II	2,270,615
BUZDYGAR, Timur Valerievich	2,270,260	CONSTON, Stanley R.	2,270,379	DORFLINGER, Lanetta J.	2,270,821
BYCOSIN AKTIEBOLAG	2,270,218	CONVENTS, Daniel	2,270,339	DORMER, Robert Leslie	2,270,355
BYSTROM, Hakan	2,270,218	COOPERATIE COSUN U.A.	2,270,660	DOW, Robert Lee	2,270,386
C TECHNOLOGIES AB	2,270,477	CORBIN, Bruce A.	2,270,348	DRANSFIELD, Peter	2,270,553
CABOT CORPORATION	2,270,250	CORDIS WEBSTER, INC.	2,270,235	DREWES, Joel A.	2,270,421
CALIS, Gijbertus Hendrikus Maria	2,270,595	CORNET, Maurice	2,270,592	DREXELBROOK CONTROLS, INC.	2,270,398
CAMCO INTERNATIONAL, INC.	2,270,236	COSMO ACE CO.	2,270,533	DSM N.V.	2,270,521
CAMERON, Charles	2,270,574	COTTERET, Jean	2,270,576	DSM N.V.	2,270,552
CAMPANELLA, S. Joseph	2,270,133	COUCH, Richard W., Jr.	2,270,164	DSM N.V.	2,270,595
CAMPANELLA, S. Joseph	2,270,134	CRAVATT, Benjamin F.	2,270,293	D'SOUZA, Godfrey P.	2,270,122
CANNON, Dale E.	2,270,348	CRAWFORD, Mark A.	2,270,234	DUBLIN CITY UNIVERSITY	2,270,375
CARDIOTRONICS SYSTEMS, INC.	2,270,074	CROSBY, Mark	2,270,421	DUMONT, Larry Joe	2,270,202
CARLSON, David V.	2,270,402	CRYOVAC, INC.	2,270,077	DUNMEAD, Stephen D.	2,270,183
CARRINGTON, Janice	2,270,071	CURRO, John Joseph	2,270,606	DUPHAR INTERNATIONAL RESEARCH B.V.	2,270,777
CARROLL, David W.	2,270,415	CUTBERTSON, Alan	2,270,120	DUPUIS, Christine	2,270,591
CARROLL, James L.	2,270,415	CYTEC TECHNOLOGY CORP.	2,270,384	DURR, Ulrich	2,270,837
CARROLL, Stephen Fitzhugh	2,270,290	DA SILVA, Claudio Camilo	2,270,212	DUVENECK, Gert Ludwig	2,270,665
CARROLL, Wendell L.	2,270,415	DAI NIPPON PRINTING CO., LTD.	2,270,525	DUVICK, Jon	2,270,116
CARSON, Stephen W.	2,270,170	DAILEY, Stuart	2,270,609	DUYVESTEYN, Willem P. C.	2,270,079
CASTILLO, Brad	2,270,350	DAINABOT CO., LTD.	2,270,068	DYRBY, Erik Bjorn	2,270,449
CATERPILLAR INC.	2,270,427	DALGAUER, Don	2,270,399	E. I. DU PONT DE NEMOURS AND COMPANY	2,270,385
CAVALLARO, William A.	2,270,539	DALTON, David Richard	2,270,200	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,243
CELLA, Gian Domenico	2,270,362	DAMMANN, Laurence G.	2,270,611	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,245
CESPEDES, Edoardo Ignacio	2,270,534	DARBY, Dennis Allen	2,270,620	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,245
CEULEMANS, Raphael Angelina Alfons	2,270,383	DASSEL, Mark W.	2,270,532	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,521
CHAIKOF, Elliot L.	2,270,144	DAUGHERTY, Michael J.	2,270,773	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,552
CHALLENGE BIOPRODUCTS CO., LTD.	2,270,599	DAVID, Yair	2,270,247	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,615
CHAN, John Geoffrey	2,270,395	DAVIES, David Huw	2,270,149	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,617
CHANG, Sheldon S.L.	2,270,782	DE BLOCK, Franciscus Joseph Madeleine	2,270,383	E.I. DU PONT DE NEMOURS AND COMPANY	2,270,617
CHAPIN, Stephen R., Jr.	2,270,410	DE BRUIJN, Frank Albert	2,270,595	EASTERN VIRGINIA MEDICAL SCHOOL OF THE MEDICAL COLLEGE OF HAMPTON ROADS	2,270,412
CHAPMAN, Aubrey I.	2,270,418	de MAN, Robert A.	2,270,178	ECC INTERNATIONAL INC.	2,270,769
CHAPMAN, John	2,270,413	DEAN, Thomas R.	2,270,349	EDHOLM, Philip K.	2,270,544
CHARLES, Paul	2,270,538	DeBOUCK, Christine Marie	2,270,153	EDINGTON, Howard David James	2,270,619
CHAUVETTE, Gaetan	2,270,476	DE-CERDA, Luisa Navarro	2,270,465	EHRAT, Markus	2,270,665
CHEMPOLIS OY	2,270,524	DECOSTER, David C.	2,270,532	EIMER, Klaus	2,270,214
CHEN, Chia-Hwang	2,270,462	DEGERMAN, Rolf	2,270,347	EIMER, Klaus	2,270,216
CHEYENNE SOFTWARE INTERNATIONAL SALES CORP.	2,270,462	DEL DUCA, Valerio	2,270,717	E-L MANAGEMENT CORP.	2,270,073
CHIANG, Casper W.	2,270,350	DEL GIUDICE, Luciano	2,270,362	ELAD, Michael	2,270,217
CHIRON CORPORATION	2,270,163	DELANSORNE, Rémi	2,270,158	ELECTRONIC DATA SYSTEMS CORPORATION	2,270,025
CHISSO CORPORATION	2,270,167	DEMIRORS, Mehmet	2,270,165	ELECTRONIC DATA SYSTEMS CORPORATION	2,270,112
CHOI, Oong	2,270,184	DEN HARTOG, Jacobus A. J.	2,270,777	ELF ATOCHEM NORTH AMERICA, INC.	2,270,170
CHORLEY, Brian	2,270,354	DEPARTMENT OF THE ARMY, U.S. GOVERNMENT	2,270,123	ELI LILLY AND COMPANY	2,270,433
CHRISTIANSEN, Lise Brown	2,270,111	DEPEW, M. Catherine	2,270,475	ELI LILLY AND COMPANY	2,270,661
CHRISTIANSEN, Lise Brown	2,270,113	DeSANTIS, Louis Jr.	2,270,775	ELLIS, William Y.	2,270,123
CHRISTY, Sam	2,270,191	DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH	2,270,445	EMORY UNIVERSITY	2,270,144
CIOCA, Gheorge	2,270,073	DEUTSCHE VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH	2,270,225	EMRICH, Thomas	2,270,408
CLAAS, Marcus	2,270,716	DEVEREUX, Ian	2,270,193		
CLARIANT GMBH	2,270,218	DEVILLE, Jean	2,270,582		
CLINICAL MICRO SENSORS	2,270,633	DEVRIES, Keith Michael	2,270,386		
CLYNES, Martin Michael	2,270,375	DEZEURE, Freddy	2,270,391		
COBE LABORATORIES, INC.	2,270,110				
COBE LABORATORIES, INC.	2,270,202				
COBE LABORATORIES, INC.	2,270,526				

## Index des demandes PCT entrant en phase nationale

ENDOSONICS CORPORATION	2,270,534	GAUTREAU, Christophe	2,270,574	HARRIS, G. Christopher	2,270,134
ENEROTH, Göran	2,270,463	GAVIT, Patrick D.	2,270,290	HART, George Henry	2,270,392
ENKVIST, Jens Petter	2,270,338	GELLER, David A.	2,270,619	HASHIMOTO, Seiji	2,270,181
ENTERPRISE IRELAND (TRADING AS BIORESEARCH IRELAND)	2,270,375	GELLING, Onko Jan	2,270,521	HAVERKAMP BEGEMANN, Roeland	2,270,104
ENZON, INC.	2,268,433	GELLING, Onko Jan	2,270,552	HAWKINS, Phillip R.	2,270,156
EP TECHNOLOGIES, INC.	2,270,150	GEMPLUS S.C.A.	2,270,197	HAYASHIZAKI, Yoshihide	2,270,414
EP TECHNOLOGIES, INC.	2,270,172	GENESPAN CORPORATION	2,270,137	HEACOCK, Greg	2,270,837
ERBACHER, Christoph	2,270,396	GENESPAN CORPORATION	2,270,557	HEAD EXPLORER APS	2,270,531
ERIKSSON, Bertil	2,270,371	GEORGE-MARCHAL, Nathalie	2,270,590	HEATH, Perry Clark	2,270,433
ESMON, Charles T.	2,270,160	GERTMAR, Lars	2,270,341	HECKMANN, Hado	2,270,225
ETEX CORPORATION	2,270,185	GIACCAI, Jennifer	2,270,226	HEIDBREDE, Andreas	2,270,257
ETHNIC-AMERICAN BROADCASTING CO.	2,270,429	GIBBONS, Kevin D.	2,270,161	HEIDEN, Ryan Matthew	2,270,389
ETIENNE, Laurent	2,270,665	GILBERT, Carl W.	2,268,433	HEIDOLPH, Barbara B.	2,270,432
ETTER, Jeffrey B.	2,270,421	GILLETTE CANADA INC.	2,270,350	HEINZ, Lawrence Joseph	2,270,661
ETZEL, Brian Thomas	2,270,530	GILULA, Norton B.	2,270,293	HELLEBUST, Halldis	2,270,120
EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM)	2,270,391	GLASCOCK, Joan K.	2,270,432	HELLENKAMP, Johann F.	2,270,430
EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM)	2,270,659	GLAXO GROUP LIMITED	2,270,174	HELLMICH, Wolfram	2,270,555
EUROPEX SYSTEMS, INC.	2,270,426	GLOBAL PALM PRODUCTS SDN. BHD.	2,270,344	HENKEL CORPORATION	2,270,157
EVANS, James W.	2,270,428	GLOBOL CHEMICALS (UK) LIMITED	2,270,131	HENKEL KOMMANDITGESELLSCH AFT AUF AKTIEN	2,270,257
EVEREADY BATTERY COMPANY, INC.	2,270,200	GODIGITAL COMMUNICATIONS, INC.	2,270,819	HENKEL KOMMANDITGESELLSCH AFT AUF AKTIEN	2,270,716
EYAL, Aharon M.	2,270,522	GOFER, Yossef	2,270,226	HERB, William R.	2,270,070
FAHRAEUS, Christer	2,270,477	GOFFE, Adeelia S.	2,270,137	HERMAN, Robert E.	2,270,413
FAMILY HEALTH INTERNATIONAL	2,270,821	GOFFE, Randal A.	2,270,137	HERMANS, Nicolaas M.A.	2,270,165
FANKHAUSER, Franz	2,270,837	GOFFE, Randal A.	2,270,557	HERNNÄS, Bo	2,270,390
FEUSTEL, Michael	2,270,218	GOLAD, Adar	2,270,471	HEROLD, Claus-Peter	2,270,257
FICHT GMBH & CO. KG	2,270,388	GOLDEN ENTERPRISES, INC.	2,270,348	HEROLD, Claus-Peter	2,270,716
FICHT GMBH & CO. KG	2,270,555	GOLI, Surya K.	2,270,156	HERRING, Russell M.	2,270,604
FISCH, Herbert	2,270,230	GOLI, Surya K.	2,270,173	HERSHEY, Donald Emerson	2,270,210
FISHER CONTROLS INTERNATIONAL, INC.	2,270,253	GOLI, Surya K.	2,270,291	HERTEL, Günther	2,270,218
FOCUSED ENERGY HOLDING INC.	2,270,418	GOLI, Surya K.	2,270,407	HEUVELSLAND, Albert J.	2,270,165
FOERSTER, Thomas	2,270,716	GOLZI, Roberto	2,270,254	HEWITT, Aaron	2,270,121
FOGELHOLM, Rabbe	2,270,367	GOODSON, Gary Wayne	2,270,174	HIGAKI, Hitoshi	2,269,120
FORD, Katherine Jeannette	2,270,174	GORONCY-BERMES, Peter	2,270,551	HIGHFILL, Louis A.	2,270,432
FOREMAN, Paul B.	2,270,220	GOTO, Yoshikazu	2,269,120	HILLE, Thomas	2,270,220
FOSS ELECTRIC A/S	2,270,222	GOTTSCHELICH, Rudolf	2,270,359	HILLENBRAND, Gary F.	2,270,365
FOTI, George	2,270,190	GOZIN, Michael	2,270,633	HILLMAN, Jennifer L.	2,270,156
FOWLKES, Dana M.	2,270,394	GRAVIT-E	2,270,155	HILLMAN, Jennifer L.	2,270,407
FOXCROFT, Thomas	2,270,149	GREEN, Lawrence M.	2,270,145	HILTON, Douglas J.	2,270,171
FRANCISCO, Edu Correia	2,270,212	GREENBERGER, Joel	2,270,357	HINZE, Robert L.	2,270,231
FRANSEN, Andreas Skaerlund	2,270,222	GRESHAM, Andrew Mark	2,270,542	HINZPETER, Matthias	2,270,408
FREEMAN, Abigail	2,270,379	GRIFFIN CORPORATION	2,270,234	HJORNEVIK, Leif	2,270,468
FREEMAN, Jennifer L.	2,270,164	GROL, Michael	2,270,408	HOEK, Annette Catherina	2,270,660
FRELINGER, Jeffrey A.	2,270,394	GU, Jian-Ming	2,270,160	HOFF, Lars	2,270,120
FUES, Johann-Friedrich	2,270,716	GUAN, Jing	2,270,207	HOGSET, Anders	2,270,120
FUJII, Hidetsugu	2,268,974	GUEDIRA, Nour-Eddine	2,270,465	HOLLAND SWEETENER COMPANY V.O.F.	2,270,660
FUJISAWA PHARMACEUTICAL CO., LTD.	2,270,181	GUIFFANT, Alain	2,270,592	HOLTZ, John H.	2,270,346
FUKAZAWA, Tominaga	2,270,546	GUILFORD PHARMACEUTICALS INC.	2,270,242	HONEYWELL INC.	2,270,070
FUKAZAWA, Tooru	2,270,167	GULEVICH, Yuri V.	2,270,239	HOSHINO, Kenji	2,270,343
FUKUNAGA, Atsuo F.	2,270,541	GUPTA, Amit	2,270,480	HOTTINGER MASCHINENBAU GMBH	2,270,612
FUKUNAGA, Blanca M.	2,270,541	GUSTAFSSON, Per	2,270,464	HOUGH, Gary S.	2,270,142
FULLER, Gerald G.	2,270,379	H2O TECHNOLOGIES, LTD.	2,270,142	HOUGH, Gary S.	2,270,402
G.D. SEARLE & CO.	2,270,469	H2O TECHNOLOGIES, LTD.	2,270,402	HSIEH, William	2,270,462
GALTIER, Daniel	2,270,478	HÄGGQVIST, Jan-Eric	2,270,598	HSU, Jay Chiehlung	2,270,424
GALVAN LEON, Inés	2,270,168	HAI LOO TRADING PTE LTD.	2,270,344	HUANG, Peisen S.	2,270,228
GARAVAGLIA, Antonio	2,270,254	HALKIER, Torben	2,270,180	HUBESCH, Bruno Albert Jean	2,270,383
GARD, Marvin O.	2,270,547	HALLETT, John	2,270,548	HUGUENIN, Denis	2,270,577
GAROFF, Thomas	2,270,667	HAMAMOTO, Tomoki	2,270,211	HULL, George R.	2,270,143
GARVEY, David S.	2,270,118	HAMELIN, Richard	2,270,476	HUSKY INJECTION MOLDING SYSTEMS LTD.	2,270,238
GASQUE, Marilyn A.	2,270,562	HAMPRECHT, Gerhard	2,270,545	HYDE-DERUYSCHE, Robin Parish	2,270,394
GASQUE, Samuel N., Jr.	2,270,562	HANAOKA, Yukihiro	2,270,169	HYDRO PACIFIC TECHNOLOGIES INC.	2,270,152
		HANNUS, Lars Hakan Mikael	2,270,338		
		HANSEN, Peter Kamp	2,270,180		
		HANSEN, Peter Kamp	2,270,593		
		HARKE, Hans-Peter	2,270,473		
		HARLE, Virginia	2,270,590		
		HARLIN, Ali	2,270,667		



## Index of PCT Applications Entering the National Phase

HYPERTHERM, INC.	2,270,164	KAPPUS, John J.	2,270,526	LABORATOIRE THERAMEX	2,270,158
ICC INDUSTRIES, INC.	2,270,234	KARLSSON, Magne	2,270,467	LABORATOIRES CHOISY LTÉE	2,270,476
ICHIKAWA, Bryan K.	2,270,261	KASHIRIN, Alexandr Ivanovich	2,270,260	LAHANAS, Konstantinos M.	2,270,073
IMPRESS METAL PACKAGING B.V.	2,270,411	KASTNER, Rainer Walter	2,270,225	LAKELAND MICRO, INC.	2,270,358
IMRELL, Torbjörn (deceased)	2,270,390	KASTNER, Wolfgang	2,270,596	LAKHANI, Nauman Noorali	2,270,424
INCYTE PHARMACEUTICALS, INC.	2,270,156	KASZTELAN, Slavik	2,270,590	LAMATA D'ANGELO, Patricia	2,270,197
INCYTE PHARMACEUTICALS, INC.	2,270,173	KAWAMURA, Ichirou	2,269,120	LAMERANT, Jean-Michel	2,270,582
INCYTE PHARMACEUTICALS, INC.	2,270,291	KAY, Brian K.	2,270,394	LAMPSON, Patricia Lee	2,270,480
INCYTE PHARMACEUTICALS, INC.	2,270,407	KAYYEM, Jon F.	2,270,633	LANCEÉ, Charles Theodoor	2,270,534
INFORMATION SYSTEM DEVELOPMENT INSTITUTE	2,270,444	KEARNS, Kevin A.	2,270,025	LARSSON, Bertil	2,270,340
INGLE, Fred E.	2,270,184	KEARNS, Kevin A.	2,270,112	LASSALLE, Gilbert	2,270,478
INNOGENETICS N.V.	2,270,176	KEENAN, Robert Daniel	2,270,255	LASSNIG, Herbert	2,270,225
INSTITUT FRANÇAIS DU PÉTROLE	2,270,574	KEEVILL, Peter Anthony	2,270,149	LE LOARER, Jean-Luc	2,270,573
INSTITUT FRANÇAIS DU PÉTROLE	2,270,590	KELLEM, Carl W.	2,270,632	LE NEVEZ, Yves	2,270,197
INTERNATIONAL CARD TECHNOLOGY	2,270,410	KELLER, Muriel	2,270,110	LECLERC, Gérard	2,270,581
ISHIGE, Kazuya	2,270,211	KELLY, Kathleen	2,270,154	LECROY CORPORATION	2,270,140
ITO, Hideki	2,270,219	KELSHEIMER, Jack W.	2,270,427	LEE, Dosuk D.	2,270,185
IZUMI, Koji	2,270,559	KENNAMETAL HERTEL AG		LEE, Jung Sik	2,270,195
JACKSON, Beverly Ann Julian	2,270,480	WERKZEUGE + HARTSTOFFE	2,270,135	LEE, Song Deuk	2,270,195
JACOBSEN, Poul	2,270,111	KENNEDY, James G.	2,270,718	LEE, Thomas Chau-Jen (deceased)	2,270,599
JACOBSEN, Poul	2,270,113	KERSTEN, Peter	2,270,139	LEE, Victor	2,270,234
JACOT, Jean-Pierre	2,270,445	KIDA, Yoshinori	2,270,656	LEGENDRE, François	2,270,476
JÄGER, Horst	2,270,135	KILBARGER, Alan C.	2,270,157	LEHNHARDT, William F.	2,270,522
JÄNEN, Johannes	2,270,215	KILLIAN, Jeffrey G.	2,270,226	LEIBROCK, Joachim	2,270,359
JAHANIAN, Teresa R.	2,270,025	KIM, Yong-Je	2,270,188	LEIJON, Mats	2,270,340
JAHANIAN, Teresa R.	2,270,112	KIM, Yong-Je	2,270,189	LEIJON, Mats	2,270,342
JANSEN, Johannes, W. C. M.	2,270,777	KIMBERLY-CLARK WORLDWIDE, INC.	2,270,424	LEIMU, Juha	2,270,338
JANSSENS, Willem	2,270,391	KIMBERLY-CLARK WORLDWIDE, INC.	2,270,529	LEINONEN, Timo	2,270,667
JAPAN ARTIFICIAL BAIT CO., LTD.	2,270,221	KIMBERLY-CLARK WORLDWIDE, INC.	2,270,530	LEIS, Karl-Heinz	2,270,208
JAPAN ENERGY CORPORATION	2,270,546	KINNERSLEY, Alan M.	2,270,817	LERNER, Richard A.	2,270,293
JEFFREY, Raymond E.	2,270,025	KINNERSLEY, Cheng-Yuh	2,270,817	LERNOUT & HAUSPIE SPEECH PRODUCTS N.V.	2,270,461
JEFFREY, Raymond E.	2,270,112	KISELEV, A. Y.	2,270,397	LeVEILLE, Greg R.	2,270,538
JENKINES, Randall C.	2,270,630	KLAVENESS, Jo	2,270,120	LEVINE, Howard L.	2,270,565
JENNINGS, James K.	2,270,630	KLAYMAN, Arnold I.	2,270,664	LEWIS, Robert Drennan	2,270,480
JENSEN, Rigmor	2,270,531	KLEINER, Hans-Jerg	2,270,628	LI, Wenguang	2,270,534
JEON, Jong-Gu	2,270,188	KLINE, Joel N.	2,270,345	LIGHTSHOT SYSTEMS, INC.	2,270,143
JEON, Jong-Gu	2,270,189	KLINK, Joachim	2,270,657	LIN, Ching-Kuan	2,270,599
JOBST, Kim Anthony	2,270,780	KLJUEV, Oleg Fedorovich	2,270,260	LINDGREN, Claes	2,270,535
JOHANSON, Jerry R.	2,270,536	KLUGE, Ralf	2,270,203	LINDGREN, Claes	2,270,563
JOHNSON, Freddy	2,270,468	KNIGHT, John Keith	2,270,553	LINDGREN, Mats	2,270,363
JOHNSON, Troy T.	2,270,142	KNOFF, Warren Francis	2,270,615	LINDSKOG, Mats Kristian	2,270,192
JOHNSTONE, Robert L.	2,270,133	KOBAYASHI, Eiji	2,270,068	LINDSTROM, Jan	2,270,338
JONES, Robert Brian	2,270,545	KOCH, Lothar	2,270,391	LITTLE, Daniel P.	2,270,132
JOSMAN LABORATORIES, INC.	2,270,520	KOENHEN, Dirk Marinus	2,270,114	LIU, Yan	2,270,560
JUFFINGER, Ludwig	2,270,388	KOHLER, Wolfgang	2,270,596	LOBANOV, Victor S.	2,270,527
JUNGFER, Herbert	2,270,117	KOJIMA, Yasuhiko	2,268,974	LOCARNINI, Stephen Alister	2,270,178
JURINKE, Christian	2,270,132	KOMUKAI, Tetsuro	2,270,525	LOHR INDUSTRIE	2,270,579
KABUSHIKI KAISHA TOKAI- RIKA-DENKI-SEISAKUSHO	2,270,343	KONG, Chung San	2,270,195	LONG, Miguel	2,270,462
KAKU, Mureo	2,270,617	KOPP, Karl Walter	2,270,208	L'OREAL	2,270,576
KALEND, Andre M.	2,270,357	KORDIS, Thomas F.	2,270,172	L'OREAL	2,270,591
KALLDIN, Hans-Olof	2,270,340	KORNERUP, Klaus	2,270,449	LOUGH, David M.	2,270,132
KALLDIN, Hans-Olof	2,270,390	KOSTER, Hubert	2,270,132	LOVHAUG, Dagfinn	2,270,120
KAMINO, Maruo	2,270,656	KRAEMER, Alan D.	2,270,664	LTS LOHMANN THERAPIE- SYSTEME GMBH	2,270,220
KANADE, Takeo	2,270,357	KRAMER, L. Jonathan	2,270,398	LU, Zhipeng	2,270,164
KANSTRUP, Anders	2,270,111	KRIEG, Arthur M.	2,270,345	LUHRMANN, Reinhard Georg	2,270,176
KANSTRUP, Anders	2,270,113	KRISTINSSON, Ossur	2,270,366	LUND, Mark Thomas	2,270,210
KAPIN, Michael A.	2,270,775	KUHNEL, Bruce Thomas	2,270,553	LUUKKAINEN, J. V. Tapani	2,270,821
		KUNG, Frederic	2,270,435	LYNCH, Roland M.	2,270,365
		KUNIEDA, Makoto	2,270,559	MACAUDIERE, Pierre	2,270,577
		KUNIN, Calvin M.	2,270,123	MACCARONE, David A.	2,270,365
		KURIHARA, Masaaki	2,270,525	MADSEN, Ulf	2,270,531
		KUROIWA, Yurkari	2,270,558	MALLANT, Ronald Karel Antoine Maria	2,270,595
		KWAK, Kyung Eun	2,270,195	MALMBERG, Mats Anders	2,270,550
		KYLANDER, Gunnar	2,270,342	MALTBY, Frederick L.	2,270,398
		KYOTO PHARMACEUTICAL INDUSTRIES, LTD.	2,270,119	MALTHA, Annemarieke	2,270,229
				MARATHON OIL COMPANY	2,270,162
				MARGOLIN, Jacob	2,270,217

## Index des demandes PCT entrant en phase nationale

MARINHO, Artur Rogério Monteiro	2,270,212	MORRIS, Arthur J.	2,270,236	O.O.O. OBNINSKY TSENTR	
MARMON, Samuel Edward	2,270,529	MOSHER, Walter W., Jr.	2,270,352	POROSHKOVOGO	
MARSH, David	2,270,538	MOTOMURA, Kazuhiko	2,270,219	NAPYLENIA	2,270,260
MARTIN, Parthena M.	2,270,821	MOUTREY, Theodore A.	2,270,427	O'BRIEN, William L.	2,270,157
MARTIN, Valerie	2,270,478	MUELLER, Heinz	2,270,257	O'CONNOR, Stephen D.	2,270,633
MASFERRER, Jaime L.	2,270,469	MUELLER, Heinz	2,270,716	OGAWA, Takahiro	2,270,119
MASSCHELEIN, Axel	2,270,389	MULLER, Gebhard	2,270,135	OHSHITA, Ryuji	2,270,656
MASSCHELEIN, Axel	2,270,835	MURRAY, Noel William	2,270,553	OKADA, Masanori	2,270,381
MASSEY-BROOKER, Anju Deepali	2,270,465	MURRY, Lynn E.	2,270,156	OKLAHOMA MEDICAL	
MATHIEU, Chantal	2,270,373	MURRY, Lynn E.	2,270,173	RESEARCH FOUNDATION	2,270,160
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,269,120	MUTO, Akihiro	2,270,546	OKUYAMA, Kiyoshi	2,270,211
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.	2,270,233	MYSPEACE AB	2,270,076	OLESEN, Jes	2,270,531
MAY, Jesse A.	2,270,349	NAEVSTAD, Anne	2,270,120	O'LOUGHLIN, Robert M.	2,270,143
MAYR, Herbert	2,270,225	NAGATA, Shigekazu	2,270,423	O'LOUGHLIN, Terry P.	2,270,143
MC DANIEL, Patricia Roberts	2,270,518	NAKAJIMA, Minoru	2,270,416	OMG AMERICAS, INC.	2,270,183
MCGEE, David	2,270,150	NAKATA, Kuniko	2,269,120	OMOFOMA, Matt A.	2,270,079
MCI WORLDCOM, INC.	2,270,261	NAKAYAMA, Hiroshi	2,270,233	ORICA AUSTRALIA PTY. LTD.	2,270,542
MCINTYRE, John L.	2,270,817	NAKAZAWA, Chiyoshige	2,270,169	OROCIO, Reuel S.	2,270,352
McKENZIE, Robert J.	2,270,152	NAKAZAWA, Masataka	2,270,525	OROSZLAN, Peter	2,270,665
McKNIGHT, Robert Nelson	2,270,246	NARDELLI, Norman	2,270,398	OSAKA BIOSCIENCE	
McPHERSON, Margaret Ann	2,270,355	NASSOYI, Stephen R.	2,270,399	INSTITUTE	2,270,423
MEDICAL INNOVATIONS LIMITED	2,270,561	NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION	2,270,220	OSSUR USA INC.	2,270,366
MEDLIS CORP.	2,270,541	NATOH, Tatsuya	2,270,199	OSSUR, HF.	2,270,366
MEHEUS, Lydie	2,270,176	NEDEZ, Christophe	2,270,573	OSTERLING, Jacob Kristian	2,270,192
MEIJA SEIKA KAISHA, LTD.	2,270,558	NEGORO, Fumio	2,270,444	OSTROFF, Rachel M.	2,270,421
MELEN, Björn	2,270,822	NEVADA, UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF, on behalf of	2,270,548	O'SULLIVAN, Dennis Gerard	2,270,717
MENGES, Markus	2,270,545	DESERT	2,270,548	OTIS ELEVATOR COMPANY	2,270,219
MENKE, Olaf	2,270,545	NEWSOM, Morris F.	2,270,365	PALL CORPORATION	2,270,413
MENTOR CORPORATION	2,270,246	NG, Daniel	2,270,528	PANESCU, Dorin	2,270,150
MENTOR CORPORATION	2,270,773	NICHOLSON, Sandra E.	2,270,171	PANESCU, Dorin	2,270,172
MERCK & CO., INC.	2,270,179	NICKELSEN, Michael G.	2,270,145	PANETTA, Jill Ann	2,270,661
MERCK PATENT GESELLSCHAFT MIT BESCHRÄNKTER HAFTUNG	2,270,359	NICOLA, Nicos A.	2,270,171	PAPANU, Victor D.	2,270,170
MERIDIAN AG	2,270,837	NILSEN, Thor W.	2,270,227	PARIS, Jacques	2,270,158
METCALF, Donald	2,270,171	NILSSON, Jan	2,270,477	PARK, Edward Hosung	2,270,350
MI.beta.LITZ, Ulf	2,270,545	NINOMIYA, Kenji	2,270,559	PARK-CHO, Myung-ok	2,268,433
MICHAELS, Alan S.	2,270,379	NIPPON GOHSEI KAGAKU KOGYO KABUSHIKI KAISHA	2,270,559	PARKER, Andrew Ernest	2,270,121
MIDORIKAWA, Yuichiro	2,270,211	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2,270,525	PARKER, Ian S.	2,270,152
MIGNARD, Samuel	2,270,590	NISHIMOTO, Kiyohiro	2,270,533	PARKER, Jonathan	2,270,149
MILES, Michael D.	2,270,143	NISHIMOTO, Tetsuro	2,270,533	PARKER, Michael Patrick	2,270,613
MILSOM, Frederick Paget	2,270,206	NISHINO, Yukio	2,269,120	PARKER, Michael Patrick	2,270,624
MIRZA, Kamran Z.	2,270,782	NISHIO, Koji	2,270,656	PARKS, Donald	2,270,632
MITCHELL, Herman R.	2,270,209	NISHIOKA, Atsushi	2,270,169	PATTERSON, Lawrence Edward	2,270,433
MITTELSTÄDT, Dirk	2,270,214	NISHIOKA, Atsushi	2,270,169	PATZIG, Dieter	2,270,216
MIYAI, Jiro	2,270,416	NITROMED INC.	2,270,118	PAYNE, David Norman	2,270,594
MIYAZAKI, Jinsei	2,270,233	NOGUCHI, Toshitada	2,270,211	PEDERSEN, Soren Christian	2,270,222
MIZ CO., LTD.	2,270,199	NOHMA, Toshiyuki	2,270,656	PEERDIRECT INC. (FORMERLY CURRENT NETWORK TECHNOLOGIES CORPORATION)	2,270,387
MOBLEY, Larry W.	2,270,630	NOLAN, John Matthew	2,270,149	PEFFLY, Marjorie Mossman	2,270,210
MOCHIDA PHARMACEUTICAL CO., LTD.	2,270,423	NORSK HYDRO ASA	2,270,468	PEREGO, Gabriele	2,270,362
MODIC, Michael John	2,270,623	NORTHERN TELECOM LIMITED	2,270,544	PEREGO, Vittorio	2,270,077
MOHR, Michael	2,270,551	NOVAK, Abram	2,270,429	PEREIRA, Malcolm Martin Claude	2,270,355
MONKMAN, Andrew	2,270,609	NOVALON PHARMACEUTICAL CORPORATION	2,270,394	PERMEABLE TECHNOLOGIES, INC.	2,270,249
MONSANTO COMPANY	2,270,368	NOVAMONT S.P.A.	2,270,362	PERRAULT, James J.	2,270,074
MONTELL TECHNOLOGY COMPANY B.V.	2,270,239	NOVARTIS AG	2,270,665	PESCHEL, Dietmar	2,270,445
MONTINO, Sandro	2,270,362	NOVO NORDISK A/S	2,270,111	PETERS, Wallace	2,270,138
MOONEY, Jeffrey L.	2,270,153	NOVO NORDISK A/S	2,270,113	PETERSEN, Lars-Göran	2,270,463
MOORE BUSINESS FORMS, INC.	2,270,399	NOVO NORDISK A/S	2,270,180	PETERSEN, Paul M.	2,270,220
MOORE, Sanders H.	2,270,549	NOVO NORDISK A/S	2,270,593	PETRICK, Timothy B.	2,270,773
MOO-YOUNG, Alfred J.	2,270,177	NOWOTNIK, David Peter	2,270,242	PETROLEO BRASILEIRO S.A. - PETROBRAS	2,270,212
MOREAU, Jacques-Pierre	2,270,115	NYCOMED IMAGING AS	2,270,120	PETTERSON, Torbjörn Karl Ingemar	2,270,108
MORINI, Giampiero	2,270,239	NYGREN, Jan-Anders	2,270,341	PFIZER INC.	2,270,386
		O, Boen Ho	2,270,229	PHARMA MAR, S.A.	2,270,138
				PHILLIPS, Michael LeRoy	2,270,661
				PICARD, Antoni	2,270,139
				PICHLER, Rudolf	2,270,450

## Index of PCT Applications Entering the National Phase

PIETRI-ROUXEL, France	2,270,581	RHODIA CHIMIE	2,270,577	SCANNON, Patrick J.	2,270,290
PINGEL, Alexandrine	2,270,588	RICCI, Carlo	2,270,717	SCHAD, Robert D.	2,270,238
PIONEER HI-BRED INTERNATIONAL, INC.	2,270,116	RICE, Ginger A.	2,270,399	SCHÄFER, Peter	2,270,545
PIPPER, Gunter	2,270,230	RICHARDS, Geoffrey	2,270,218	SCHENK, Johannes	2,270,225
PIROTTE, Robert Jean Marie Denis	2,270,242	RICHARDSON, Rachael T.	2,270,171	SCHENKER, Martin	2,270,445
PITTENGER, Gary I.	2,270,412	RICHARDSON, William M.	2,270,140	SCHILLING, Antonio Jorge Leitao	2,270,212
PLANETARISCHE MOTOREN AKTIENGESELLSCHAFT	2,270,397	RIDDER, Carsten	2,270,222	SCHINDLER, Michael	2,270,472
PLATA, Miroslaw	2,270,069	RIDDIFORD, Martin Philip	2,270,213	SCHLUMBERGER CANADA LIMITED	2,270,719
PLUM ENTERPRISES	2,270,071	RIDPATH, George F.	2,270,418	SCHNEIDER, Sigrun	2,270,139
PODUBRIN, Stefan	2,270,257	RIEHM, George	2,270,632	SCHOKOLS, Manfred	2,270,588
POEHLER, Theodore O.	2,270,226	RIETER AUTOMOTIVE (INTERNATIONAL) AG	2,270,251	SCHONFELD, Mark	2,270,445
POHLANDT, Werner	2,270,612	RINGDAL, Ole	2,270,468	SCHRECK, Berthold	2,270,257
POINT PLASTICS INCORPORATED	2,270,105	RIVERWOOD INTERNATIONAL CORPORATION	2,270,215	SCHULZE, Jens	2,270,139
POLA CHEMICAL INDUSTRIES INC.	2,270,381	RIVIELLO, John M.	2,270,560	SCHUSTER, Hans-Michael	2,270,214
POLITO, Alan	2,270,163	ROAPER, Robert Bernard II	2,270,625	SCHUSTER, Hans-Michael	2,270,216
POLLOCK, Flavil M.	2,270,554	ROBBINS & MYERS, INC.	2,270,782	SCHWARTZ, Scott J.	2,270,170
POLYPROBE, INC.	2,270,227	ROCHE DIAGNOSTICS GMBH	2,270,117	SCHWELLINGER, Pius	2,270,069
PORTE, Philippe	2,270,197	ROCHE DIAGNOSTICS GMBH	2,270,166	SEARSON, Peter C.	2,270,226
POSTER, Maurice	2,270,249	ROCHE DIAGNOSTICS GMBH	2,270,408	SEB S.A.	2,270,584
PRADA-SILVY, Ricardo Alfredo	2,270,465	ROCKLABS LIMITED	2,270,193	SEGAWA, Toshikazu	2,270,525
PRANITIS, Leo J., Jr.	2,270,528	ROESCH, Mark A.	2,270,365	SEIDNER, Leonard	2,270,249
PRECISION DYNAMICS CORPORATION	2,270,352	ROESINK, Hendric Dirk Willem	2,270,114	SEIKO EPSON CORPORATION	2,270,169
PREMARK FEG L.L.C.	2,270,554	ROETERDINK, Johan Willem	2,270,411	SEIRAFFI, Mohammed Ali	2,270,612
PRIDDY, Duane B.	2,270,165	ROMANOWSKI, Michael J.	2,270,183	SEITZ, Thomas	2,270,628
PRINGLE, Ronald E.	2,270,236	RONGVED, Pal	2,270,120	SEKISUI CHEMICAL CO., LTD.	2,270,416
PRITCHARD, Norman Jason	2,270,175	RONKEN, Eric	2,270,777	SELESKY, Donald Bryant	2,270,461
PROCATALYSE	2,270,573	ROOD, Tracy A.	2,270,116	SENJU PHARMACEUTICAL CO., LTD.	2,270,119
PROCEDYNE CORP.	2,270,625	ROOYAKKERS, Maria Mathilda Arnolda	2,270,660	SEPHA PHARMACEUTICALS LIMITED	2,270,121
PRUCHER, Helmut	2,270,359	ROSENBERG, Gail Esther	2,270,385	SEQUENOM, INC.	2,270,132
PRZYBELSKI, Robert J.	2,270,772	ROSENBLUM, Charles I.	2,270,179	SHADLE, John Kevin	2,270,661
PUCHSTEIN, Burghard	2,270,551	ROSTAMI, Ader M.	2,270,532	SHALON, Tadmor	2,270,258
PURGASON, Richard	2,270,440	ROTHMAN, Bengt	2,270,340	SHAPE CORPORATION	2,270,540
PURGASON, Richard	2,270,470	ROTHMANS INTERNATIONAL SERVICES LIMITED	2,270,613	SHARPE, Brian D.	2,270,549
PUTMAN, Karl F.	2,270,253	ROTHMANS INTERNATIONAL SERVICES LIMITED	2,270,624	SHEARS, Larry L., II	2,270,619
QIAGEN GMBH	2,270,396	ROUSU, Esa	2,270,524	SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.	2,270,623
QUALCOMM INCORPORATED	2,270,668	ROUSU, Päivi	2,270,524	SHERMAN, Joseph Fredrich	2,270,389
QUAN, Stella	2,270,163	ROUSU, Pasi	2,270,524	SHICHIRI, Tokushige	2,270,416
QUEEN'S UNIVERSITY AT KINGSTON	2,270,475	RPDROGIEZ, Jose M.	2,270,769	SHIMIZU, Shio	2,270,181
RAFAELOFF, Ronit	2,270,412	RUIMERMAN, Jacob	2,270,411	SHIMOGA, Karun B.	2,270,357
RAILROAD TECHNOLOGIES PTY. LTD.	2,270,553	RUPPERT, Andreas	2,270,132	SHIMOMURA, Yozo	2,270,167
RAMSBURG, Douglas	2,270,399	SACHDEV, Dharmendra Kumar	2,270,182	SHIMOSATO, Isao	2,270,381
RANDELL, Robert Edwin	2,270,553	SAENZ DE TEJADA, Inigo	2,270,118	SHINTANI, Makoto	2,270,546
RAPOR, INC.	2,270,632	SAHADEVAN, Velayudhan	2,270,568	SHMIDT, Creston D.	2,270,718
RASMUSSEN, Roy Martin	2,270,548	SALEMME, Francis R.	2,270,527	SHURMANN, Evelyn	2,270,665
RATA, Ilkka	2,270,770	SAM CHUN DANG PHARM. CO., LTD.	2,270,195	SIDEL	2,270,592
RAYMACKERS, Joseph	2,270,176	SAMPSON, John Roger	2,270,613	SIEMENS AKTIENGESELLSCHAFT	2,270,393
RAZ, Amiram	2,270,469	SAMSUNG ELECTRONICS CO., LTD.	2,270,188	SIEMENS AKTIENGESELLSCHAFT	2,270,596
REBOURT, Eymard	2,270,609	SAMSUNG ELECTRONICS CO., LTD.	2,270,189	SIEMENS AKTIENGESELLSCHAFT	2,270,657
RECKITT & COLMAN PRODUCTS LIMITED	2,270,594	SAMUEL, Ifor David William	2,270,609	SIERRA, David H.	2,270,379
RECORDATI S.A. CHEMICAL AND PHARMACEUTICAL COMPANY	2,270,254	SAMUELS, Brett Peter	2,270,529	SIKKEMA, Kevin D.	2,270,165
REICHLE, Roger	2,270,659	SANCHEZ Y DE LA CAMARA, Felipe Alberto	2,270,205	SINDHUSHAYANA, Nagabhushana T.	2,270,668
REICHMAN, Yosef	2,270,217	SANGHERA, Jasbinder S.	2,270,435	SINGH, Rina	2,270,611
REINDERS, Jan H.	2,270,777	SANITROL SYSTEMS, INC.	2,270,145	SIU, Stanley C.	2,270,428
REINHARD, Robert	2,270,545	SANNOMIYA, Isei	2,270,416	SMALL, Hamish	2,270,560
REINHARDT, Jörg	2,270,139	SANPEI, Akihiko	2,270,167	SMITH, Anthony David	2,270,780
REINHART, Richard Nicholas Jr.	2,270,480	SANTUS, Giancarlo	2,270,254	SMITH, Boyd E.	2,270,155
RENDINA, Antonio	2,270,464	SANYO ELECTRIC CO., LTD.	2,270,656	SMITH, Lowell R.	2,270,368
RENNIE, George Kerr	2,270,374	SARKER, Haripada	2,270,226	SMITH, Nigel Peter	2,270,131
REY, Christian	2,270,185	SATO, Hideharu	2,270,546	SMITHKLINE BEECHAM CORPORATION	2,270,153
REYNOLDS, Rick J.	2,270,427	SATOH, Fumitake	2,270,199	SMITHKLINE BEECHAM P.L.C.	2,270,431
		SAWAN, Samuel P.	2,270,258		

## Index des demandes PCT entrant en phase nationale

SNOWDEN, Kevin	2,270,769	TELEFONAKTIEBOLAGET LM		THE PROCTER & GAMBLE	
SOCIETE DE CONSEILS DE		ERICSSON	2,270,190	COMPANY	2,270,835
RECHERCHES ET		TELEFONAKTIEBOLAGET LM		THE REGENTS OF THE	
D'APPLICATIONS		ERICSSON	2,270,192	UNIVERSITY OF	
SCIENTIFIQUES S.A. (	2,270,115	TELEFONAKTIEBOLAGET LM		CALIFORNIA	2,270,428
SODERBERG, Ulf	2,270,479	ERICSSON	2,270,367	THE RESEARCH FOUNDATION	
SODERLUND, Patrik	2,270,477	TELEFONAKTIEBOLAGET LM		OF STATE UNIVERSITY OF	
SOKAL, David C.	2,270,821	ERICSSON	2,270,463	NEW YORK	2,270,228
SOLBAKKEN, Magne	2,270,120	TELEFONAKTIEBOLAGET LM		THE SCRIPPS RESEARCH	
SOLUTIA INC.	2,270,432	ERICSSON	2,270,822	INSTITUTE	2,270,293
SONG, Dong-II	2,270,188	TELIA AB	2,270,367	THE UNITED STATES OF	
SONG, Dong-II	2,270,189	TEMPLIN, Peter	2,270,341	AMERICA, AS	
SPEEDLINE TECHNOLOGIES,		TENHOFF, Harm	2,270,150	REPRESENTED BY THE	
INC.	2,270,539	TERAJIMA, Keisuke	2,270,546	ADMINISTRATOR OF THE	2,270,518
SPLIT VISION DEVELOPMENT		TETRA LAVAL HOLDINGS &		THE UNIVERSITY OF IOWA	
AB	2,270,371	FINANCE SA	2,270,464	RESEARCH FOUNDATION	2,270,345
SRS LABS, INC.	2,270,664	TETRA LAVAL HOLDINGS &		THE WALTER AND ELIZA	
ST. CLAIR, Terry Lee	2,270,518	FINANCE SA	2,270,467	HALL INSTITUTE OF	
STAFFIN, Herbert Kenneth	2,270,625	THE DOW CHEMICAL		MEDICAL RESEARCH	2,270,171
STARR, John Donal	2,270,246	COMPANY	2,270,165	THEREFORE LIMITED	2,270,213
STARR, Kerry L.	2,270,348	THE DOW CHEMICAL		THIELEN, Alain	2,270,250
STARR, Robyn	2,270,171	COMPANY	2,270,630	THOEN, Christiaan Arthur	2,270,389
STEAFFENS, Jeffrey W.	2,270,421	THE DOW CHEMICAL		THOEN, Christiaan Arthur Jacques	2,270,835
STEELE, Martin T., Jr.	2,270,773	COMPANY	2,270,718	THOEN, Johan A.	2,270,718
STEMPLINGER, Robert	2,270,393	THE GOVERNMENT OF THE		THOMAS, Richard Edward	2,270,561
STERLING PLUMBING GROUP,		UNITED STATES OF		THOMSEN, Henrik	2,270,222
INC.	2,270,406	AMERICA AS		THOMSON, Stephen	2,270,542
STERN, Christian R.	2,270,377	REPRESENTED BY THE		THURLBY, Owen	2,270,474
STEWART-COX, Adrian Roy	2,270,613	SEC	2,270,154	TICONA GMBH	2,270,628
STICH, Rebecca	2,270,399	THE GOVERNMENT OF THE		TIKART, Franz	2,270,208
STOCKINGER, Josef	2,270,225	UNITED STATES OF		TJÄLLDIN, Birger	2,270,479
STROSSBERG, Arthur Donny	2,270,581	AMERICA. AS		TJON-JOE-PIN, Robert M.	2,270,556
STUART, John C.	2,270,543	REPRESENTED BY THE SE	2,270,435	TOFIGHI, Aliassghar	2,270,185
STUMLER, Irvin H.	2,270,426	THE GOVERNOR AND		TOLKSDORF, Kurt Paul	2,270,246
STURRUS, Peter	2,270,540	COMPANY OF THE BANK		TOLLESHAUG, Helge	2,270,120
STURZEBECKER, Jörg	2,270,166	OF ENGLAND	2,270,354	TOMA, Daniela	2,270,073
SU, Michael	2,270,629	THE INSTITUTE OF PHYSICAL		TOOROP, Gerrit P. (Deceased)	2,270,777
SU, Michael	2,270,634	AND CHEMICAL		TOYAMA, Kiyofumi	2,270,416
SUBRAMANYAM, Sundar	2,270,258	RESEARCH	2,270,414	TOYO ENGINEERING	
SUDA, Takashi	2,270,423	THE JOHNS-HOPKINS		CORPORATION	2,268,974
SUH, Kyung W.	2,270,718	UNIVERSITY	2,270,226	TRACY CORPORATION II	2,270,231
SUN, Chong-Son	2,270,413	THE KERR CORPORATION	2,270,528	TRACY, Michael J.	2,270,231
SUN, Lijun	2,270,144	THE LAMSON & SESSIONS CO.	2,270,365	TRANSMETA CORPORATION	2,270,122
SUNDS DEFIBRATOR		THE POPULATION COUNCIL,		TREPPENDAHL, Svend	2,270,111
INDUSTRIES AB	2,270,598	INC.	2,270,177	TREPPENDAHL, Svend	2,270,113
SUNG, Hsing-Wen	2,270,599	THE PROCTER & GAMBLE		TROMBETTA, Liberatore Antonio	2,270,620
SUPERIOR SPEC HOLDINGS		COMPANY	2,270,210	TRUDEAU, Guy L.	2,270,476
LIMITED	2,270,420	THE PROCTER & GAMBLE		TSAI, Fu-Jya	2,270,530
SURFACINE DEVELOPMENT		COMPANY	2,270,383	TSAPPI, Philip	2,270,655
COMPANY, LLC.	2,270,258	THE PROCTER & GAMBLE		TSENG, Chi-Ping	2,270,245
SUTTER, Herbert P.	2,270,387	COMPANY	2,270,389	TSENG, Mingchih Michael	2,270,350
SUTTER, Mark A.	2,270,413	THE PROCTER & GAMBLE		TSONG, Yun-Yen	2,270,177
SUWA, Hiroshi	2,270,558	COMPANY	2,270,395	TSUBOI, Masaru	2,270,181
SUZUKI, Hiroshi	2,270,167	THE PROCTER & GAMBLE		TSURUMI, Yasuhisa	2,270,181
SVEDALA TRELLEX AB	2,270,550	COMPANY	2,270,422	TULP, Martinus T. M.	2,270,777
SVEDBERG, Johan	2,270,367	THE PROCTER & GAMBLE		TWENTY-FIRST CENTURY	
SWANSON, David K.	2,270,150	COMPANY	2,270,465	RESEARCH	
SWANSON, David K.	2,270,172	THE PROCTER & GAMBLE		CORPORATION	2,270,532
SWANSON, Leslie H.	2,270,140	COMPANY	2,270,474	TZENG, Edith	2,270,619
SYNTHELABO	2,270,478	THE PROCTER & GAMBLE		UDODONG, Uko Effiong	2,270,433
SYRACUSE UNIVERSITY	2,270,078	COMPANY	2,270,480	UENO, Shigeto	2,269,120
SYSTEM INNOVATION AB	2,270,479	THE PROCTER & GAMBLE		ULTRAFILTER GMBH	2,270,214
TAGGART, Thomas	2,270,105	COMPANY	2,270,606	ULTRAFILTER GMBH	2,270,216
TAKEDA, Katsumichi	2,270,068	THE PROCTER & GAMBLE		UNILEVER PLC	2,270,175
TAKENOUCI, Kenji	2,270,211	COMPANY	2,270,620	UNILEVER PLC	2,270,255
TALTEC TECHNOLOGIES		THE PROCTER & GAMBLE		UNILEVER PLC	2,270,339
HOLDINGS FOUNDATION	2,270,578	COMPANY	2,270,717	UNILEVER PLC	2,270,374
TAXIL, Bernard	2,270,573	THE PROCTER & GAMBLE		UNION, Ann	2,270,176
TAYLOR, Linda A.	2,270,202	COMPANY		UNISEARCH LIMITED	2,270,207

## Index of PCT Applications Entering the National Phase

UNITED PARCEL SERVICE OF AMERICA, INC.	2,270,370	WAKI, Mitsunori	2,270,119	ZELLE, Robert E.	2,270,629
UNITED TECHNOLOGIES CORPORATION	2,270,161	WALTER, Helmut	2,270,545	ZELLE, Robert E.	2,270,634
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	2,270,548	WALTUCK, Morey Herbert	2,270,246	ZWISLOCKI, Jozef J.	2,270,078
UNIVERSITY OF DURHAM	2,270,609	WAN, Jeffrey K.-S.	2,270,475		
UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2,270,346	WANG, Yang	2,270,398		
UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2,270,357	WANTZ, John L.	2,270,399		
UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	2,270,619	WARD, Richard Martin	2,270,389		
UNIVERSITY OF WALES COLLEGE OF MEDICINE	2,270,355	WASICKI, Peter	2,270,203		
UNNITHAN, Unnikrishnan Ramachandran	2,270,344	WATANABE, Noriko	2,270,119		
VALENZUELA, Pablo	2,270,163	WATERURY ROLLING MILLS, INC.	2,270,627		
VALMET CORPORATION	2,270,338	WATSON, Michael T.	2,270,554		
VALMET CORPORATION	2,270,770	WAZEERUD-DIN, Elisha Seidah	2,270,529		
VAN DEN BOOM, Dirk	2,270,132	WEARS, William E.	2,270,253		
VAN DER STEEN, Antonius Franciscus Wilhelmus	2,270,534	WEBER, Martin	2,270,230		
VAN DER WEEGEN, Clemens van DRUNEN, Rudolf Willem Pieter	2,270,339	WEBER, Martin	2,270,396		
VAN GEEL, Jacques	2,270,391	WEBSTER, Wilton W., Jr.	2,270,235		
VAN LEEUWEN, Petrus Wilhelmus Nicolaas Maria	2,270,521	WESTERN HEALTH CARE NETWORK	2,270,178		
VANSTRAELEN, Danny	2,270,391	WESTMIJZE, Hans	2,270,229		
VANWAEG, Geert	2,270,202	WESTPHAL, Gunther	2,270,203		
VASSILIOU, Eustathios	2,270,532	WESTPHALEN, Karl-Otto	2,270,545		
VELUX INDUSTRI A/S	2,270,449	WETTERGREN, Christian	2,270,076		
VELUX INDUSTRI A/S	2,270,535	WHAYNE, James G.	2,270,150		
VELUX INDUSTRI A/S	2,270,563	WHAYNE, James G.	2,270,172		
VERAART, Rudi H.E.	2,270,165	WHEATLEY, Brian K.	2,270,196		
VERRIPS, Cornelis Theodorus	2,270,339	WHEELCHAIR CARRIER, INC.	2,270,184		
VERTEX PHARMACEUTICALS INCORPORATED	2,270,629	WHITELEY INDUSTRIES PTY. LTD.	2,270,437		
VERTEX PHARMACEUTICALS INCORPORATED	2,270,634	WHITELEY, Reginald Keith	2,270,437		
VESTOLA, Juhani	2,270,770	WIEDER, Kurt	2,270,225		
VIA, INC.	2,270,415	WIEGEL, Leland Otto	2,270,433		
VINCENT, Mervin C.	2,270,155	WILD, Alan G.	2,270,782		
VINEY, Elizabeth M.	2,270,171	WILLIAMS, Cole	2,270,403		
VINIK, Aaron I.	2,270,412	WILLSON, Tracy A.	2,270,171		
VIRBAC S.A.	2,270,581	WING, Malcolm J.	2,270,122		
VISSER, Gerben M.	2,270,777	WITTCHEW, Eberhard	2,270,596		
VITERBI, Andrew J.	2,270,668	WITTER, Aldyr (deceased)	2,270,212		
VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH	2,270,450	WIX, Loyd	2,270,255		
VOLL, Martin	2,270,135	WOOD, Allen Wayne	2,270,174		
VON DER OSTEN, Claus	2,270,180	WOOD, Charles W.	2,270,253		
VON DER OSTEN, Claus	2,270,593	WORDSTREAM INC.	2,270,191		
VON TAPAVICZA, Stephan	2,270,716	WORLDSPACE, INC.	2,270,133		
VONGSKIERTTIKACHOR, Aurawan	2,270,179	WORLDSPACE, INC.	2,270,134		
WAITE, David	2,270,207	WORLDSPACE, INC.	2,270,182		
		WRIGHT, Stephen Wayne	2,270,386		
		WU, Kuang-Jong	2,270,384		
		WU, Kuan-Ting	2,270,769		
		WUKASCH, Ronald F.	2,270,207		
		WYKOFF, Ed	2,270,234		
		X-FLOW B.V.	2,270,114		
		XIANG, Guobing	2,270,132		
		XOMA CORPORATION	2,270,290		
		YAMADA, Manabu	2,270,169		
		YAMASA CORPORATION	2,270,211		
		YAMASHITA, Michio	2,270,181		
		YANAGIHARA, Tomoyuki	2,270,199		
		YATOMI, Takehiro	2,270,423		
		YORKE, John William Harold	2,270,374		
		YOSHIDA, Gentaro	2,270,221		
		YOSHIMURA, Seiji	2,270,656		
		YOUNG, David	2,270,255		
		YOUNGNER, Daniel W.	2,270,070		
		YU, Changjun	2,270,633		
		YURKOVETSKIY, Alexander	2,270,258		
		ZAGAR, Cyrill	2,270,545		
		ZALDIVAR COMENGES, José Manuel	2,270,168		
		ZELLE, David A.	2,270,419		
		ZELLE, Jill J.T.	2,270,419		

## **Index of Canadian Laid-Open Applications Previously Unavailable for Publishing**

## **Index des demandes canadiennes mises à la disponibilité du public non disponibles auparavant pour publication**

BAYER CORPORATION	2,270,151
CANON KABUSHIKI KAISHA	2,270,148
DI DOMENICO, Nicholas F.	2,270,151
HIROSE, Mifune	2,270,148
KATAYAMA, Masato	2,270,148
SAKAKI, Mamoru	2,270,148
SUZUKI, Eiichi	2,270,148
UFFENHEIMER, Kenneth F.	2,270,151
WEITZ, Stephen L.	2,270,151

## **Index of Late Canadian Laid-Open Applications**