

STN[®]

Legal Status Information in STN Databases

- INPADOCDB/INPAFAMDB, EPFULL and others

Martine Michel

CAPADOC

STN

STN is available through FIZ Karlsruhe, Germany
and Chemical Abstracts Service, U.S.A.

martine.michel@capadoc.fr

Agenda

- **What is Legal Status Information ?**
- **Legal Status in STN Databases**
 - Overview
 - Special LS search and display possibilities in:
 - INPADOODB/INPAFAMDB and EPFULL
- **Searching Extensions**
 - Time Extensions and Supplementary Protection Certificates (SPC's) in:
 - IMSPATENTS, PATDPASPC, IFICLS, INPADOODB/INPAFAMDB

Legal status is any event after initial publication

- New publication stages
 - Examined application
 - Granted patent
 - Corrections
- Equivalent patent publications
 - A PCT document going into national phase

Legal status (cont'd):

- Positive events towards other stages
 - Request for search report
- Negative events that block the patent
 - Failure to pay fees
 - Opposition
- Post-grant publication events
 - Licensing
 - Expirations
 - Extensions
- Reassignment

Legal Status in STN Databases

- Is as good as national authorities deliver information to the database producer / supplier
- STN does not guarantee the correctness of the information
- Use multiple sources to verify the legal status information
- For important cases: Access file inspection at the Patent offices

Agenda

- What is Legal Status Information
- **Legal Status in STN Databases**
 - Overview
 - Special LS search and display possibilities in:
 - INPADOCDB/INPAFAMDB and EPFULL
- **Searching Extensions**
 - Time Extensions and Supplementary Protection Certificates (SPC's) in:
 - IMSPATENTS, PATDPASPC, FRANCEPAT, IFICLS, INPADOCDB/INPAFAMDB

STN Databases with Legal Status Information

- **Legal Status searchable and displayable:**
 - **INPADOCDB/INPAFAMDB**: selected LS of 51 authorities
 - **EPFULL**: Selected Register Data of EPO
 - **IFICLS**: Current LS of U.S. patents (USPTO)

 - **IMSPATENTS**: patent expiration dates and comments
 - **PATDPASPC**: SPC information of GPTO
 - **LITALERT**: Litigation pertaining to U.S. patents and trademarks, selected LS for trademarks

STN Databases with Legal Status Information (2)

- **INPADOC Legal Status displayable:**

- INPAFAMDB / INPADOCDB
- EPFULL
- FRFULL
- GBFULL
- PCTFULL
- PATDPAFULL
- BIOTECHABS / BIOTECHDS
- DGENE, USGENE

Add Legal Status (LS) to any existing display format in these files:

=> D L1 BIB **LS** 1-10

=> D L1 BIB AB CLM **LS2** 1-5

INPADOCDB/INPAFAMDB

- Legal status data are available for **59** patent authorities for about **16,5** million records
- Legal status information is searchable with over **2,600** legal status codes (**LSC**, **LSTX**)
- Great variety of search and display options, e.g.
 - applicant reassignment **LSPA**
 - opponent **LSOP**
 - legal effect date **LSDF**

INPADOCDB record

=> FILE INPADOCDB
=> S EP2369281/PN
=> D BIB LS

L1 ANSWER 1 OF 1 INPADOCDB COPYRIGHT 2011 EPO/FIZ KA on STN
AN 66034595 INPADOCDB ED 20110929 EW 201139 UP 20111020 UW 201142
TI Verfahren und Vorrichtung zur Tieftemperaturzerlegung von Luft.
Method and device for cryogenic decomposition of air.
Procede et dispositif destines a la decomposition a basse temperature
d'air.
IN STEFAN, LOCHNER
INS STEFAN LOCHNER, DE
PA LINDE AG
PAS LINDE AG, DE
DT Patent
PI EP 2369281 A1 20110928 German
PIT EPA1 APPLICATION PUBLISHED WITH SEARCH REPORT
DAV 20110928 examined-printed-without-grant
STA PRE-GRANT PUBLICATION
DS R: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI
LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR
XS R: AL BA ME RS
AI EP 2010-2439 A 20100309
AIT EPA Patent application
PRAI EP 2010-2439 A 20100309 (EPA, 20110922, Y)
PRAIT EPA Patent application



INPAFAMDB legal status provides more than 2600 different types of legal status event

L1 ANSWER 1 OF 1

INPAFAMDB COPYRIGHT 2010 EPO/FIZ KA

PILS display.

PI DE 102007036950 A1 20090219
 PI DE 102007036950 B4 20090423

Legal status code definition (/LSTX)

LEGAL STATUS

AN 37685947 INPAFAMDB

20090219	DEOP8	+ REQUEST FOR EXAMINATION AS TO PARAGRAPH 44 PATENT LAW EXA Examination, Search Report20090219
20091015	DE8364	+ NO OPPOSITION DURING TERM OF OPPOSITION20091015
20100506	DE8327	CHANGE IN THE PERSON/NAME/ADDRESS OF THE PATENT OWNER NEIS, BERNHARD, 31604 RADDESTORF, DE CHG Change of Owner, Inventor, Applicant20100506
20100624	DE8339	- CEASED/NON-PAYMENT OF THE ANNUAL FEE NIF Lapses, Expiries, Withdrawals, Refusals20100624

Legal status codes (/LSC)

Legal status update date (/UPLS)

Legal status searching using **LSTX**

Search Question:

Find all Syngenta patents that have expired due to failure to pay maintenance fees.

Search strategy

- Step 1. Access file INPADOODB
- Step 2. Search for the assignee in the Patent Assignee fields
- Step 3. Find the expired patents by performing a text search in the **LSTX** field

Search for withdrawn Syngenta patents using /LSTX

=> FILE INPADOCDB

Search in the legal status text field, /LSTX

=> S SYNGENTA/PA,PAS AND WITHDRAWN/LSTX

11896 SYNGENTA/PA

11917 SYNGENTA/PAS

1293086 WITHDRAWN/LSTX

/PA Patent Assignee Original
/PAS Patent Assignee Standard

L1 600 SYNGENTA/PA,PAS AND WITHDRAWN/LSTX

600 Syngenta patents have been withdrawn.

=> S SYNGENTA/PA,PAS AND WITHDRAWN/LSTX (L) 2011/LSD

L2 27 SYNGENTA/PA,PAS AND WITHDRAWN/LSTX (L) 2011/LSD

/LSD Legal Status Date

27 Syngenta patents have been withdrawn in 2011.

Search for withdrawn Syngenta patents using /LSTX

Display legal status

=> D TI PN HIT

L1 ANSWER 1 OF 600 INPADOCDB COPYRIGHT 2011 EPO/FIZ KA on STN
TI Glutaminreiches Maissaatprotein und Promoter.
Glutamine-rich maize seed protein and promoter.
Proteines de graines de maïs riches en glutamine et promoteur.
PI EP 2311965 A1 20110420
PA SYNGENTA PARTICIPATIONS AG.
PAS SYNGENTA PARTICIPATIONS AG, CH

LEGAL STATUS HIT

AN 64622768 INPADOCDB

20110608 EP18W - WITHDRAWN

20110505

NIF Lapses, Expiries, Withdrawals, Refusals

.....20110609

Legal status code categories

- Complex set of legal status codes is difficult to use for legal status searching
 - code definitions may change over time
 - New codes are introduced
 - comprehensive searches require sophisticated strategies and deep understanding of various granting procedures
- **Legal status code categories** provide an easy access to more than 1300 specific legal status code information
 - reliable and easy to use legal status search tool
 - well applicable to specific legal status monitoring
 - new codes and code definition revisions will be reviewed and included by the FIZ editorial

STN-assigned legal status categories simplify legal status searches (/LSC2)

CHG Change of Owner, Inventor, Applicant

EXA Examination, Search Report

LIC Licensing

NIF Lapses, Expiries, Withdrawals, Refusals

ORE Opposition, Reexamination

REI Reinstatement or Restoration

SPC Time Extensions and
Supplementary Protection Certificate

Legal status searching using legal status categories, **LSC2**

Search Question:

Find all Syngenta patents which are no longer in force (lapsed, expired or withdrawn or refused).

Search strategy

- Step 1. Access file INPADOCDB
- Step 2. Search for the assignee in the Patent Assignee Super Search field, **PASS**
- Step 3. Find the expired patents by searching for the **NIF** category in the legal status category field, **LSC2**

Example: Lapse, expiry, withdrawal, or refusal (NIF) of Syngenta inventions

```
=> S SYNGENTA/PASS AND NIF/LSC2
L1      2050 SYNGENTA/PASS AND NIF/LSC2
```

```
=> D TI HIT
```

```
L1      ANSWER ... OF 2050      INPAFAMDB COPYRIGHT 2010 EPO/FIZ KA on STN
TI      Novel protein, gene encoding the same and method of using the same.
PA      JAPAN TOBACCO INC.; SYNGENTA LIMITED
PAS     JAPAN TOBACCO INC; SYNGENTA LTD
```

```
LEGAL STATUS  HIT
```

```
AN      35842884 INPAFAMDB  UPFL 20080424
```

```
20080320 AUMK1      - APPLICATION LAPSED SECTION 142(2)(A) - NO REQUEST FOR
EXAMINATION IN RELEVANT PERIOD [AU2007203494A]
NIF Lapses, Expiries, Withdrawals, Refusals
200817.....20080424
```

The category **NIF** includes lapses, withdrawals, expiries, and/or refusals.

D HIT : Display just the HIT legal status using.

1 priority, 1 application, 1 publication

Example: Henkel inventions with EP applications which have been withdrawn in 2010

=> S HENKEL/PASS AND EP/LSCC(L)WITHDRAWN/LSTX(L)2010/UPLS

L1 64 HENKEL/PASS AND EP/LSCC(L)WITHDRAWN/LSTX(L)2010/UPLS

=> D BIB HIT

L1 ANSWER 1 OF 64 INPA

AN 38083532 INPAFAMDB EDF 2

DN 58863840

TI Spielwasseraufbereitung

Rueckfuehrung von VE-Wasser in das Spelwassersystem.

- Washing water preparation in dip painting with complete return of used water into the washing water system.
- Preparation d'eau de nettoyage dans le vernissage au trempé avec recuperation complete de l'eau usee dans le systeme d'eau de rincage.

INS PEIROW IRADJ, DE

PAS HENKEL AG & CO KGAA, DE

PI DE 102007061504 A1 20090625

EP 2072473 A1 20090624

AI DE 2007-102007061504 A 20071218

EP 2008-19889 A 20081114

PRAI DE 2007-102007061504 A 20071218 (DEA, 20090625, Y)

/LSCC: legal status country (authority) codes
 /LSTX: text definition of legal status codes.
 /UPLS: update date, legal status.
 (L)-proximity: precisely confines the search elements to be within one legal status entry.

Example: Henkel inventions with EP applications which have been withdrawn in 2010 (cont.)

REC 1. THERE IS 1 CITED REFERENCE (1 PATENT, 0 NON PATENT) AVAILABLE FOR THIS RECORD. ALL CITATIONS ARE AVAILABLE IN THE PIRE FORMAT.
- 6. THERE ARE 6 CITED REFERENCES (5 PATENT, 1 NON PATENT) AVAILABLE FOR THIS RECORD. ALL CITATIONS ARE AVAILABLE IN THE PIRE FORMAT.

1 priority, 2 applications, 2 publications

PA HENKEL AG & CO. KGAA
PAS HENKEL AG & CO KGAA, DE
PA HENKEL AG & CO. KGAA
PAS HENKEL AG & CO KGAA, DE

LEGAL STATUS HIT

AN 38083532 INPAFAMDB UPFL 20100729

20100728 EP18D - DEEMED TO BE WITHDRAWN
[EP 2008-19889 A 20081114]
20100126
NIF Lapses, Expiries, Withdrawals, Refusals
.....20100729

All the searchable elements of one legal status event are associated with (L)-proximity.

1 priority, 2 applications, 2 publications

Linked SDI: Lapses, expiries, withdrawals or refusals (**NIF**) of RIO TINTO publications

=> S RIO TINTO/PASS AND NIF/LSC2 (L) UPLS/LAST
L1 7 RIO TINTO/PASS AND NIF/LSC2 (L) UPLS/LAST

Link this Legal Status entry to the last update.

=> SDI

.....

Result of a SDI

=> D TI PN HIT

L1 ANSWER 1 OF 7 INPADOCDB COPYRIGHT 2011 EPO/FIZ KA on STN
TI ALUMINIUM-ELEKTROEXTRAKTIONSZELLE MIT KATHODEN AUF METALLBASIS.
PI AT 495280T T 20110115
PA **RIO TINTO ALCAN INTERNATIONAL LIMITED**
PAS **RIO TINTO ALCAN INTERNAT LTD, CA**

LEGAL STATUS HIT

AN 63668333 INPADOCDB

20110715 ATRER - CEASED AS TO PARAGRAPH 5 LIT. 3 LAW INTRODUCING PATENT TREATIES

NIF Lapses, Expiries, Withdrawals, Refusals

.....20110721

Reinstatement or Restoration (REI) of the publication.

L1 ANSWER 1 OF 153037 INPADOCDB COPYRIGHT 2011 EPO/FIZ KA on STN
LEGAL STATUS HIT
AN 66305614 INPADOCDB
20110910 RUFZA2 - ACKNOWLEDEMENT OF APPLICATION WITHDRAWN (LACK OF
SUPPLEMENTARY MATERIALS SUBMITTED)
20110719
NIF Lapses, Expiries, Withdrawals, Refusals
.....20111020

LEGAL STATUS HIT
AN 66305614 INPADOCDB
20110920 RUFZ9A + APPLICATION NOT WITHDRAWN (CORRECTION OF THE NOTICE OF
WITHDRAWAL)
20110725
REI Reinstatement or Restoration
.....20111020

L1 ANSWER 2 OF 153037 INPADOCDB COPYRIGHT 2011 EPO/FIZ KA on STN
LEGAL STATUS HIT
AN 66046712 INPADOCDB
20110331 EPPG25 - LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT
INFORM. FROM NAT. OFFICE TO EPO
LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES
IT: 20100130
NIF Lapses, Expiries, Withdrawals, Refusals
.....20111007

LEGAL STATUS HIT
AN 66046712 INPADOCDB
20110729 EPPGRI + POSTGRANT: PATENT REINSTATED IN CONTRACTING STATE
IT: 20110616
REI Reinstatement or Restoration
.....20111007

The history is
important!

Common SDIs in INPADOCDB/INPAFAMDB

- New published documents from competitors or in a technology area
- New family members of known patents
- Changes in legal status of known patents

- INPADOCDB/INPAFAMDB has sophisticated update codes to deliver clear, uncluttered SDIs
 - Record-based update codes can be used to track changes of **individual records** → **INPADOCDB**
 - Family-based update codes can be used to track changes of **all family members** → **INPAFAMDB**

INPADOCDB record- and family-based update codes have been enhanced

	Record	Family
New record (MEMBER)	EDP	UPFD
New document (publication)	ED	UPFP
Update to legal status	UPLS	UPFL
New document or LS	EDLS	UPFE
All updates (any changes)	UPM	UPFA

Use *Record* update codes to track changes to individual documents

Use *Family* update codes to track changes to all patent family members

Monitor key Pfizer patent applications for new family members or legal status changes

```
=> S (WO2005067620 OR WO2005080313 OR WO2003102130 OR  
WO2005004839 OR WO2005009965 OR WO2005089728.....)/PN  
L1 10 (WO2005067620 OR WO2005080313 OR WO2003102130 OR ....
```

For automatic current awareness searches use the **SDI** command.

```
=> SDI
```

```
ENTER QUERY L# FOR SDI REQUEST OR (END):L1
```

```
ENTER UPDATE FIELD CODE (UP) OR ?: UPFE
```

```
ENTER SDI REQUEST NAME, (AA007/S), OR END:PFIZER/S
```

```
o o o
```

```
ELIMINATE PREVIOUSLY SEEN ANSWERS WITH EACH SDI RUN? Y/(N): N
```

```
ENTER PRINT FORMAT (BIB.M) OR ?: CFAM FFAMED
```

```
HIGHLIGHT HIT TERMS? (Y)/N:.
```

```
ARCHIVE ANSWERS? Y/(N):.
```

```
REDISTRIBUTE ANSWERS? Y/(N):.
```

```
ENTER MAXIMUM NUMBER OF HITS TO
```

```
o o o
```

The combination of **UPFE** update code and **FFAMED** display format provides any new records, new publications, or new Legal Status for each SDI run.

Monitor key Pfizer patent applications for new family members or legal status changes (2)

PATENT FAMILY INFORMATION

AN 283038503 INPADOC

```
+-----PI-----+
AU 2005224182      A1 20050929
CA 2559640         A1 20050929
EP 1729746         A2 20061213
SE 2004000685     D0 20040319
WO 2005089728     A2 20050929
WO 2005089728     A3 20060511
```

6 publications

MEMBER 5

PI WO 2005089728 A3 20060511

LEGAL STATUS CURRENT UPDATE

AN 283038503 INPADOC

20110905 WOENP

ENTRY INTO THE NATIONAL PHASE IN:

JP 2007503440 A

201106..... 20110909

This SDI regularly delivers a simple list of publication numbers (CFAM), and details of new publications, and/or legal status changes from the latest database update (FFAMED).

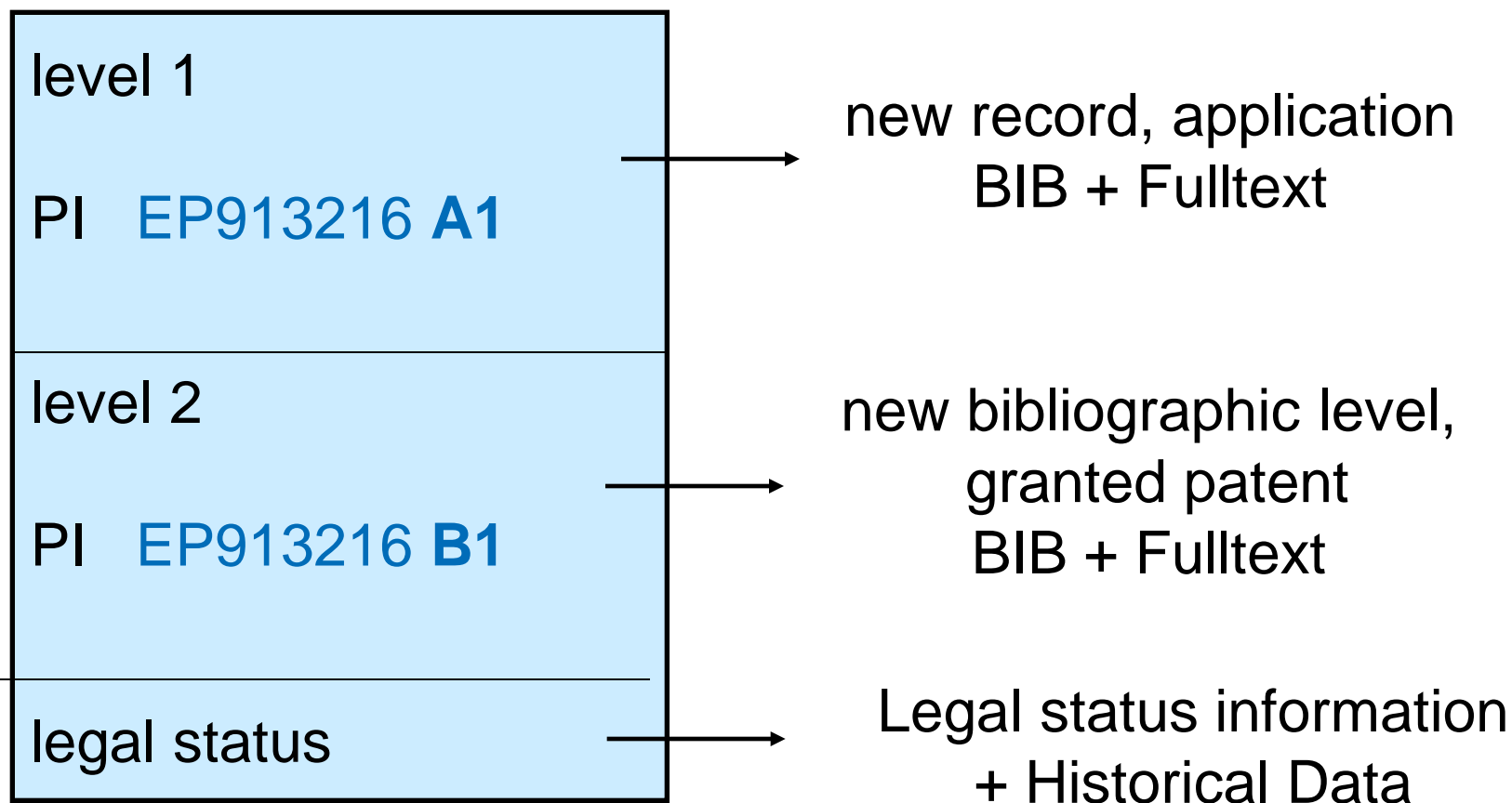
For WO 2005089728 we have new legal status information in the latest database update.

EWLS.....UPLS

EPFULL's Legal Status coverage

- Fulltext of applications and granted patents
From the European Patent Office (EPO)
- EPO Legal Status data provides unique detailed information about European (EP) publications
- More detailed information on opponents and licenses is provided than in INPADOCDB
- Applications which will be granted in the coming weeks ("intention to grant") are searchable
 - Gives you more time to prepare oppositions

EPFULL record structure



EPFULL has detailed Display and Alert possibilities

- EP Legal Status custom display formats
 - **LSEP** EPO Patent Register Legal Status
 - **LSEP.M** LSEP with additional historical details
 - **LS** INPADOC Legal Status
 - **LSEPR** LSEP.M plus additional EPOLINE Register Data
- Specialized **EP Legal Status Codes (/LSC)** can be used for very precise current awareness Alerts/SDIs

...including the EPO granted patent

D BIB.M LSEPR format (cont.).

L1 ANSWER 1 OF 1 EPFULL COPYRIGHT 200

AN 1996:66709 EPFULL UP 20050518
DUPD 20050518 DUPW 200520

TIEN METHOD AND APPARATUS FOR DISPLAYING TEXTUAL OR GRAPHIC DATA. . .
IN KWOH, Daniel, S., 3975 Hampstead Road, La Canada/Flintridge, . . .
PA GEMSTAR DEVELOPMENT CORPORATION, (DEVELOPMENT CORPORATION, . . .
AG Kinsler, Maureen Catherine, et al, Kilburn & Strode, 20 Red . . .
AGN 87471
DT Patent

PIT EPB1 Granted patent
PI EP 862831 B1 20040616

Published application
EP1268389 A1 (previous slide)
leads to patent EP 1268389 B1.

WO 9718673 19970522
DS BE DE ES FR GB IT
AI EP 1996-940784 A 19961113
WO 1996-US18236 A 19961113
RLI EP 2004-76523 20040524 EP 1458188 Divisional Application
PRAI US 1995-6629P P 19951113
REP EP 47414 A
EP 128093 A
WO 9429840 A
GB 2257000 A
US 5036394 A
. . . .

... plus the official EPO Legal Status

LEGAL STATUS INCLUDING HISTORY

```
AN      1996:66709  EPFULL
19980909 EPB241    Request for examination
                19980615
19980909 EPB430    Unexamined document without grant, (first publication)
                19980909
19980909 WOB870    PCT publication data
                19970522
19980909 EPB840    Designated contracting states
                AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
                EP 862831          A1 199
19981021 EPB840R    Designated contracting states
                BE DE ES FR GB IT
19981202 EPB300R    Priority data (correction)
                OLD:  US 1995-662P          P  19951113
                NEW:  US 1995-6629P        P  19951113
19991020 EPB565EP    Drawing up and dispatch of supplementary search report
                (EPA4)
                19990902
20000112 EPB840R    Designated contracting states (correction)
                AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
20030102 EPB242    Dispatch of the first examination report
                20021120
20040616 EPB452EP    Intention to grant
                20031209
20040616 EPB840R    Designated contracting states
                BE DE ES FR GB IT
20040616 EPB450    Document with grant, second
                20040616 . . .
```

Details in **RED** are not available in INPADOC.

Historical data, e.g. old priority numbers.

Use (P) proximity to combine terms within single Legal Status events, e.g. code (LSC) and date (LSD).

... plus up-to-date EPOLINE Register data

• • •

20050511 EPB780R

Opposition reassignment

20050518 EPB780R

Opposition reassignment

OLD: 20050314 Opposition filed

Interessengemeinschaft fuer Rundfunkschutzrechte GmbH
Schutzrechtsverwertung & Co. KG, Bahnstrasse 62,
40210 Duesseldorf, DE
5480

Opponent Representative:

Eichstaedt, Alfred, Dipl.-Ing., Maryniok &
Eichstaedt, Kuhbergstrasse 23, 96317 Kronach, DE
71705

NEW: 20050314 Admissible opposition

Interessengemeinschaft fuer Rundfunkschutzrechte GmbH
Schutzrechtsverwertung & Co. KG, Bahnstrasse 62,
40210 Duesseldorf, DE
5480

Opponent Representative:

Eichstaedt, Alfred, Dipl.-Ing., Maryniok &
Eichstaedt, Kuhbergstrasse 23, 96317 Kronach, DE
71705

Active link to pdf-file: EPOLINE
Register data accessible from
transcript for 90 days.

<http://www.stn-international.org/xd/174784682178/EPFULL1996:66709.pdf>

...plus up-to-date EPOLINE Register data

STN

Additional information from
the Register of the European Patent Office

EP0862831

PATENT GRANTED
last update of database: 20080702

Most recent event:

publ. date:

Invention Title (EN):

METHOD AND APPARATUS FOR DISPLAYING TEXTUAL
OR GRAPHIC DATA ON THE SCREEN OF TELEVISION
RECEIVERS

Publications:

EP0862831	A1	19970522
EP0862831	B1	20040616
WO9718673	A1	19970522

Application No./ Filing Date:

EP 96940784	19961113
WO1996US18236	

Divisional application(s):

EP20040076523/ EP1458188

Examination Procedure:

19970612	REQUEST FOR PRELIMINARY EXAMINATION BY AUTHORITY - US
19980615	EXAMINATION REQUESTED - 1998/37
20001121	REQUEST FOR ACCELERATED EXAMINATION
20021120	EXAMINATION REPORT A.96(2), R.51(2) DISPATCH - M04

EPOLINE Register data with
additional information on
examination procedure and
payment of fees.

STN

Legal status searching using LSC

Search Question:

Monitor “Intention to grant” for the company Hitachi.

Monitor „Intention to Grant“ in EPFULL

EPB452EP is the code for 'Intention to grant'
Use (P)-operator to combine LSC with UPLS

=> FILE EPFULL

=> S HITACHI/PA AND EPB452EP/LSC (P) UPLS>20111101

L1 46 HITACHI/PA AND EPB452EP/LSC (P) UPLS>20111101

=> D TI PI HIT

L1 ANSWER 1 OF 46 EPFULL COPYRIGHT 2011 EPO/FIZ KA/LNU on STN
TIEN Electrode for switch and vacuum switch, and method of manufacturing
electrode for switch or vacuum switch.
TIFR Electrode pour commutation et commutation sous vide, et procede de
fabrication de l'electrode pour commutation ou commutation sous vide.
TIDE Elektrode fuer einen Schalter und Vakuumschalter und Verfahren zur
Herstellung einer Elektrode fuer einen Schalter oder Vakuumschalter.
PI EP 2365504 A1 20110914
PA **Hitachi**, Ltd., 6-6, Marunouchi 1-chome, Chiyoda-ku Tokyo 100-8280, JP

LEGAL STATUS INCLUDING HISTORY

AN 2011:8539 EPFULL
20111109 EPB452EP **Intention to grant**
20111019
.....**20111109**

Unique LS data in INPADOC and EPFULL

- **Unique data in INPADOCDB/INPAFAMDB :**
 - Legal Status Categories
 - Entry into national phase
 - Time extension and SPC data
- **Unique data in EPFULL:**
 - Historical data (licensee, opponent, ...)
 - Additional European legal status events
 - Intention to grant
 - event lists, details on the examination procedure (EPOLINE)

IFICLS

- Covers granted US Patents extended beyond their normal 17 or 20 year term, expired patents, and reinstated patents
- Detailed extension, expiration, and reinstatement records including the
 - Patent number
 - Patent assignee
 - Expiration, extension, or reinstatement date
 - Reexamination, reexamination request
- Publication date of the Official Gazette of the USPTO containing the announcement of action

IFICLS has reexamination details

AN 5141925 IFICLS
PA Microsoft Corp
PI US 7669056 20100223
DT **REEXAMINED**
RXI
RXN REQUEST NUMBER: 90/011186 RRD REQUEST DATE: 20100825
RXN CERTIFICATE NUMBER: C17669056 (8022nd) RXD: CERTIFICATE DATE:
20110208
CLM AS A RESULT OF REEXAMINATION, IT HAS BEEN DETERMINED THAT: **The patentability of claims 1 and 12 is confirmed. Claims 2-11, 13 and 14 were not reexamined.** 1. A computer adapted to report the presentation of data comprising: a port for bidirectional communication with an external server via a communication network for receiving advertising data; an audio/video controller coupled to the port, adapted to process and output the advertising data received via the port to an audio/video device and to report to an external server a statistic corresponding to processing and °°°

IFICLS has extension details and trade name identification

AN 3720621 IFICLS
PA Lilly, Eli and Co
PI US 37806 20020723
DT **EXTENDED**
XTD 20060209 (389 days (O.G. Issue Date Unavailable - Used FDA Certificate Date)) XTG: 20060209
ORIG. EXPIRATION DATE: 20141028, **NEW EXPIRATION DATE: 20151121**
TN **XIGRIS**

Agenda

- **What is Legal Status Information**
- **Legal Status in STN Databases**
 - Overview
 - Special LS search and display possibilities in:
 - INPADOC and EPFULL
- **Searching Extensions**
 - Time Extensions and Supplementary Protection Certificates (SPC's) in:
 - IMSPATENTS, PATDPASPC, INPADOCDB/INPAFAMDB
 - FRANCEPAT, IFICLS

Several STN files cover extensions

- **IMSPATENTS** for drug patents
- **PATDPASPC** for German patents
- **INPADOC** for several authorities including SPCs
- **FRANCEPAT** for French SPCs
- **IFICLS** for U. S. patents

A supplementary protection certificate comes into force only after the corresponding patent expires. It has a maximum life time of 5 years. In European Union member countries, a supplementary protection certificate (SPC) is a *sui generis*, patent-like, intellectual property right. This type of right is available for medicinal products, such as drugs, and plant protection products, such as insecticides, and herbicides.

IMSPATENTS

- The IMSPATENTS file contains patent family data for commercially significant drugs from 58 countries
- Patent information includes patent numbers and information on expirations, extensions and supplementary protection certificates (SPCs)
- Standard expiration dates display in Expiration Date (XPD) field
- Search specific date or range of dates in /XPD
- **SEARCH EXTENSION#, SPC OR CCP** - in the basic index to find extensions

Searching and displaying patent expiration in IMSPATENTS

```
=> FILE IMSPATENTS
```

```
=> S 59865-13-3
```

```
L1          479 120993-53-5/BI
```

```
=> S L1 AND (SPC OR CCP OR EXTENSION#)
```

```
L2          100 L1 AND (SPC OR CCP OR EXTENSION#)
```

```
=> FSORT L2
```

```
13 Multi-record Families      Answers 1-100
```

```
Family 1
```

```
Answers 1-6
```

```
Family 2
```

```
Answers 7-15
```

```
Family 3
```

```
Answers 16-33
```

```
. . .
```

Search the CAS RN in IMSPATENT (substance: ciclosporin)

Limit records to those with SPC information and sort the result using FSORT

Searching and displaying patent expiration in IMSPATENTS (2)

=> D CYTAB 7-15

L3 File IMSPATENTS COPYRIGHT 2009 IMSWORLD

ANS	Country	Publication Number(s)	Expiry Date	Expiry Con	
7	Korea, Republic of	KR 202331	20140928	Extensions possible	(1)
8	United States	US 20030206930 US 7078054	20140926	Extensions possible	(2), (3)
9	United States	US 5985321	20140926	Extensions possible	(4), (5), (6)
10	Taiwan, Province of China	TW 438609	20141014	Extensions possible	(7)

The NOTE field provides the expiration information for the SPCs.

. . .

Searching and displaying patent expiration in IMSPATENTS (3)

Country Comments:

- (1) Country Comments: South Korean patent 202331 is a divisional of South Korean patent 200174.
- (2) Country Comments: US 7078054 claims a liquid filled soft gelatin capsule characterized in that the capsule shell contains a migrateable component which is also present in the capsule filling wherein the migrateable component is selected from the group consisting of tetrahydrofuryl alcohol ether, diethylene glycol monoethylether, 1,3-dimethyl-2-imidazolidinone, dimethylisorbide or propylene glycol. Ciclosporin is a claimed active substance.
- (3) US 7078054 lists the patentee as Novartis.
- (4) Country Comments: US 5985321 claims a soft gelatin capsule which comprises a shell and a liquid filling, wherein at the time of encapsulation said shell comprises gelatin and 1,2-propylene glycol and the filling comprises ciclosporin and 1,2-propylene glycol in a carrier medium therefor, wherein the shell, after drying, comprises 2-40% by weight 1,2-propylene glycol.
- (5) US 5985321 has been reassigned to Novartis and Scherer.
- (6) US 5985321 is quoted by the FDA Orange Book as relating to the NEORAL 25 mg and 100 mg oral capsule and the 100 mg/ml oral solution formulations of cyclosporine. The applicant is Novartis.
- (7) Country Comments: Taiwanese patent 438609 lists and Scherer.

The NOTE field provides the expiration information for the SPCs.

PATDPASPC

- PATDPASPC comprises all Supplementary Protection Certificates (SPCs) from Germany
- **Producer:** German Patent and Trademark Office (GPTO)
- **Coverage:** 1992 to date (922 records)
- **Record structure:** Compound based with CAS Registry Numbers[®] (CAS RNs), chemical names, and trade names
- **Update:** 60 new SPCs per year (no SDIs)

PATDPASPC – combined display

L1 ANSWER 1 OF 1 PATDPASPC COPYRIGHT 2008 DPMA/FIZ KA on STN

Accession Number 827 PATDPASPC
SPC Document Number DE 10075027
SPC Product Type medicinal
SPC Term 20080205-20130204
SPC Grant Date 20040121
SPC Application Date 20000920
Examiners field 1.43

SPC-information

Patent Number DE 3850789
EP 277829
Patent Application Date 19880204
Int. Patent Classif. C07K007-06 (5)
C07K007-06 (6)
C07K007-06 (7)

Patent information,
Corresponding EP and PCT
numbers

Index Terms

Certified Compound(s)
Cas Registry Number 123246-29-7
Chemical Name Ganirelix
Cas Registry Number 124904-93-4
Chemical Name Ganirelix
Cas Registry Number 124904-93-4
Chemical Name Orgalutran
Cas Registry Number 181372-97-4
Chemical Name Ganirelix

CAS Registry Numbers
chemical names

Trade Name(s) Orgalutran Injektionsloesung

SPC Searching in INPADOCDB

Search Question:

Search for Us Supplementary Protection Certificates (SPC) which will expire from 2012

Proximity in the Legal Status

The proximity-operator (L) links the different search field entries in the legal status

=> S SPC/LSC2(L)US/LSCC

L1 576 SPC/LSC2(L)US/LSCC

=> D HIT

L1 ANSWER 1 OF 576 INPAFAMDB COPYRIGHT 2011 EPO/FIZ KA on STN

LEGAL STATUS HIT

AN 42713932 INPAFAMDB UPFL 20111117

20090110 US356 + PATENT TERM EXTENSION UNDER 35 U.S.C. 156

[US 1997-897351 A 19970721]

PRODUCT NAME: MACUGEN

20121017

20150519

SPC Suppl. Protect. Certificate, Time Extension

.....20110224

293 priorities, 515 applications, 678 publications

LSC2	Legal Status Category
LSCC	Legal Status Country Code
LSSPC	Legal Status SPC Number
LSSPC.XD	Legal Status SPC, Extension Date
LSSPC.FD	Legal Status SPC, Filing Date

Proximity in the Legal Status (2)

The *proximity-operator (L)* links the different search field entries in the legal status

=> S L1(L)LSSPC.EX>20120100

L2 49 L1(L)LSSPC.EX>20120100

=> D HIT

LSSPX.EX =
Legal Status SPC, Expiry Date

L2 ANSWER 1 OF 49 INPADOCDB COPYRIGHT 2008 EPO/FIZ KA on STN

LEGAL STATUS HIT

AN 42598396 INPAFAMDB UPFL 20111117

20080514 US356 + PATENT TERM EXTENSION UNDER 35 U.S.C. 156

[US 1995-378650 A 19950126]

PRODUCT NAME: BENICAR

20140401

20160425

SPC Suppl. Protect. Certificate, Time Extension

.....20080528

22 priorities, 81 applications, 124 publications

Summary

- STN offers various databases containing Legal Status information
 - Precise and detailed search and display fields available
 - Extension information searchable for several countries
- INPADOCDB / INPAFAMDB and EPFULL allow for in-depth legal status searches and monitoring:
 - Negative events that block the patent
 - Opposition
 - Licensing/reassignment
 - Expirations
 - Extensions

Thank you for your attention

STN[®]

For more information

www.capadoc.com

www.stn-international.com

www.cas.org

STN

STN is available through FIZ Karlsruhe, Germany
and Chemical Abstracts Service, U.S.A.