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1 Introduction

1.1 About this document

This document describes the structure of PATSTAT EP Register data. It contains diagrams showing the high-level structure, its data sources and design principles as well as detailed descriptions of the tables and attributes.

1.2 About PATSTAT EP Register and the PATSTAT product line

PATSTAT EP Register is part of the PATSTAT product line which aims in supporting statistical analysis of patent information by providing high-quality data in a format specially designed for that purpose.

All products of the PATSTAT product line must be purchased from the EPO (see tabs “Getting started” and “Conditions” in <http://www.epo.org/patstat>):

- PATSTAT Global Product 14.24
- PATSTAT EP Register Product 14.24.1

While PATSTAT Global has a worldwide coverage, PATSTAT EP Register contains only published applications which are filed with the EPO or PCT applications that have “European” as designated state. On the other hand PATSTAT EP Register contains much more data about each EP publication than PATSTAT Global.

PATSTAT EP Register can be used as a stand-alone database but can also be easily combined with the other worldwide PATSTAT databases. Section 4.2 “Linking PATSTAT EP Register with PATSTAT Global” explains how to do this.

PATSTAT EP Register is a bulk data product which is issued twice a year, called *Spring Edition* and *Autumn Edition*. Subscribers receive the data as CSV files, the database structure and supporting documentation via electronic download. Subscribers can then the database into a database management system of their choice, such as MySQL, MS SQL Server, ORACLE, ... which allows then to query the data with SQL (Structured Query Language) or other interfaces.

1.3 Data source and data currentness

The data source of PATSTAT EP Register is the EP Register. Twice a year, usually in January and July, the complete EP Register data is extracted in XML ST.36 format. This is the same format which is available via the EP Register website <http://register.epo.org>.

The data for this 2024 Spring Edition contains all data present in the data sources at the end of week 2024/07.

This extraction is then converted into the PATSTAT EP Register format. The XML XPath definition used to populate each field of the tables is also contained in this document.

In order to get more detailed information regarding the XML ST.36 Register data itself (format, content, meaning...), you may also refer to the EPO's information on <http://www.epo.org/searching-for-patents/legal/register/documentation.html>, starting with the document "Description of EP Register data in ST.36-compatible XML structure".

1.4 Data coverage

This database covers two main groups of EP applications. The main table for applications is table REG101_APPLN, which holds one row for each application. The attributes in this table allow identifying the group an application belongs to:

- EP direct applications
- PCT international applications, which are either
 - Euro-PCT applications (= European patent application that have entered the European procedure via a PCT international application. It is equivalent to a regular European patent application.)
 - or
 - PCT-applications which have not (yet) entered the European procedure

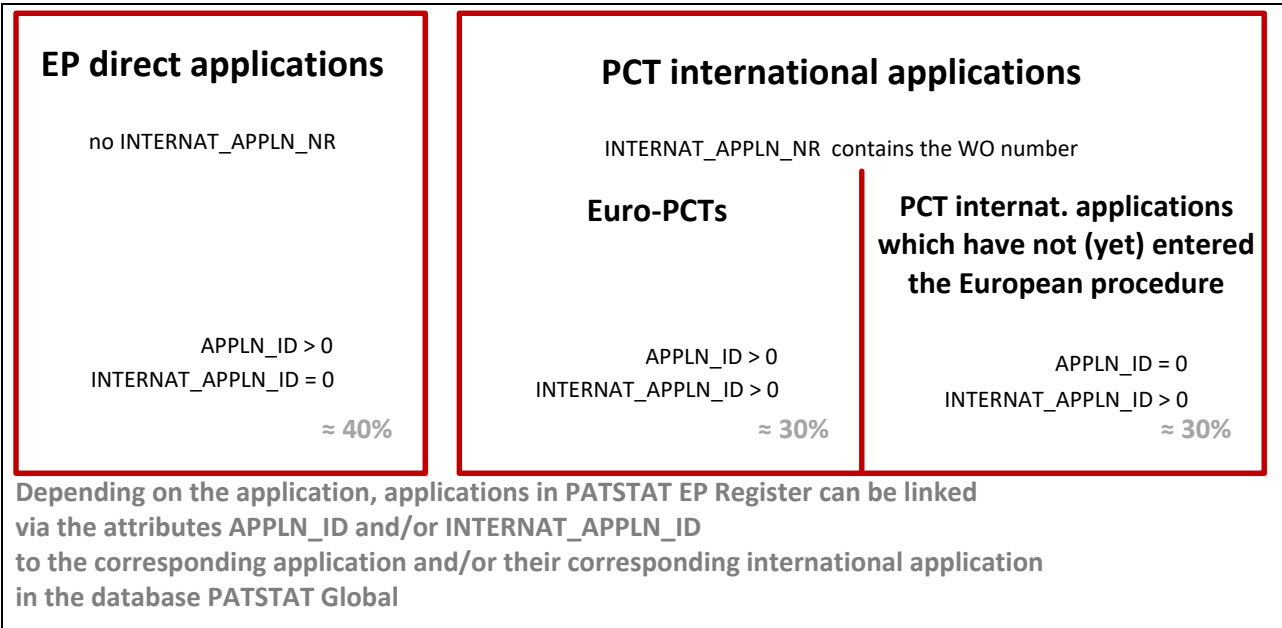


Figure 1: Applications in PATSTAT EP Register

All EP applications (either EP direct applications or PCT international application which entered the European procedure) can be linked from / to PATSTAT Global. This database must be purchased separately (<http://www.epo.org/patstat>, tabs "Getting started" and "Conditions"):

1.5 Correct citation of PATSTAT EP Register; Copyright and trademark

If you publish analyses based on this statistical database, please cite the source of the data as "PATSTAT EP Register 2024 Autumn Edition".

The copyright to this database as distributed by the European Patent Office remains with the EPO. "PATSTAT" is a registered trademark.

1.6 Disclaimer

The data in the PATSTAT database is based on EPO databases. EPO actively seeks to create and maintain high quality data for PATSTAT but cannot assume any legal liability or responsibility for the accuracy or completeness of the database.

In case legal certainty, accurate or complete data is needed, EPO strongly suggests contacting the competent data suppliers. Almost all national and regional patent offices offer online internet access to their registers. These should be used to conduct in-depth research on a single national or regional patent granting authority.

The EPO would appreciate if users of PATSTAT reported deficiencies to <https://www.epo.org/en/contact-us> with the topic "Searching for patents / patent knowledge / data products" and the subject "PATSTAT Global / PATSTAT Register / PATSTAT Online", so that appropriate measures may be taken to correct the deficiencies and to develop PATSTAT further.

1.7 Help desk and feedback

A help desk is available at <https://www.epo.org/en/contact-us> with the topic "Searching for patents / patent knowledge / data products" and the subject "PATSTAT Global / PATSTAT Register / PATSTAT Online".

Your feedback is very valuable and welcome. Please report any errors or suggestions for improvement to the help desk.

2 Domain model

This section shows the relevant domain objects and their relationships in a graphical manner and describes each of them in more detail. The database tables which implement these domain objects are also given for easy reference to the PATSTAT logical model.

2.1 The 3 levels: Family – Application – Publication

The core domain object is the Application, which is a request for patent protection for an invention filed with the EPO or another patent office.

During the life of a patent, various publications are issued. An application has a least one publication, otherwise it would still be treated as confidential and would not be accessible in any database.

Applications which cover the same or similar invention are grouped into families. There are several definitions for families; consequently there are several types of families. Each family contains one or more applications as family members. For each type of family it applies that each application belongs to exactly one family of that type. Family information is available via PATSTAT Global and not in PATSTAT EP Register.

2.2 Domain model diagrams

The domain model is too complex to be visualized in a single diagram. So this section contains multiple diagrams, each containing the central domain object Application and some related domain objects.

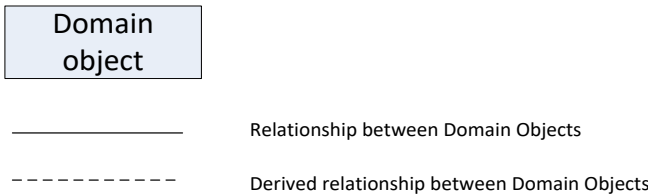


Figure 2: Explanation of symbols used

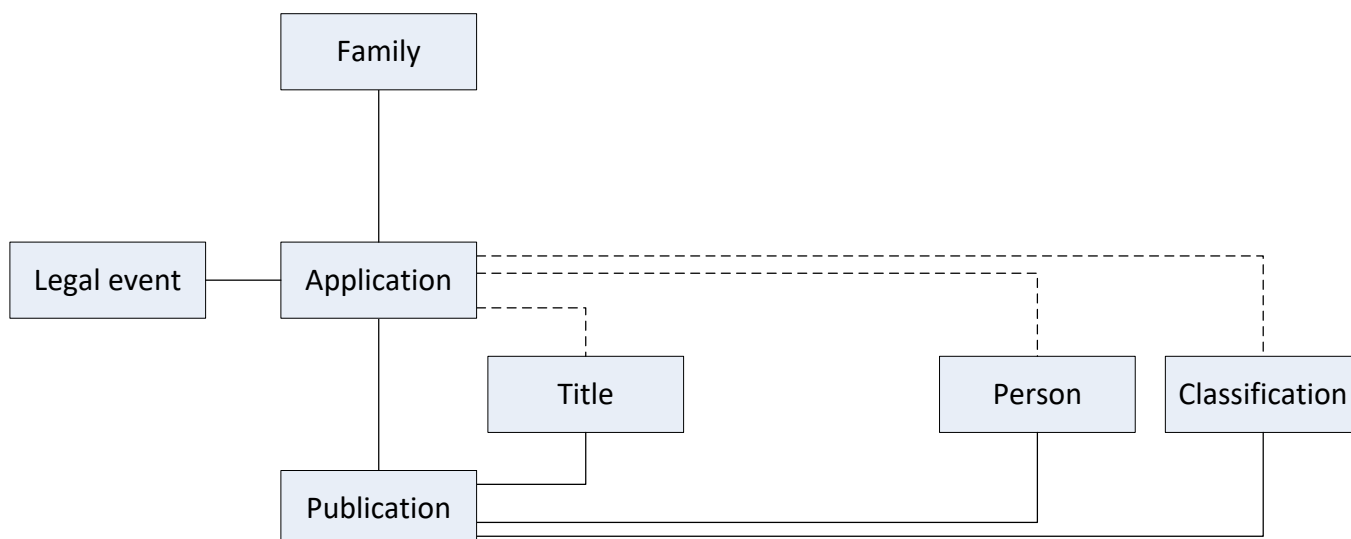


Figure 3: Main Domain Objects in the Family - Application - Publication hierarchy

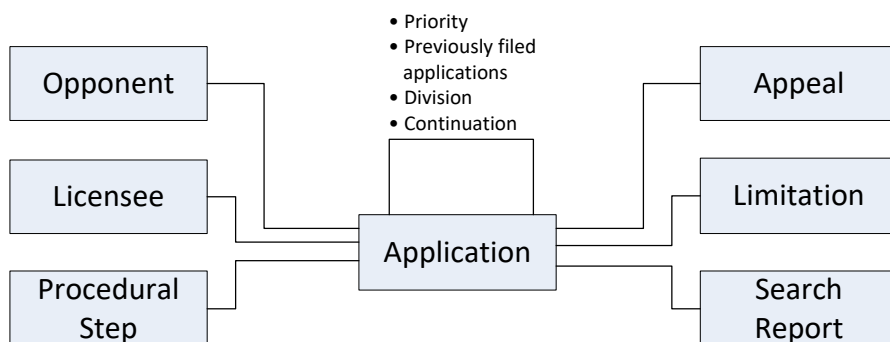


Figure 4: Further domain objects directly related to Application in PATSTAT EP Register

2.3 Description of domain objects

The domain objects are described in separate subsections, ordered alphabetically. References in brackets are made to the PATSTAT tables of the logical database model.

2.3.1. Appeal

An appeal is a process by which a party challenges a decision taken by the EPO, e.g. a decision to refuse a patent application. (REG125_APPEAL). A petition might be requested to review the outcome of an appeal. (REG127_PETITION_RVW)

2.3.2. Application

The application is a request for patent protection of an invention. This is the central domain object. Most other domain objects are related to applications.

Every application (REG101_APPLN) has at least 1 publication (REG102_PAT_PUBLN). Every application belongs to exactly 1 simple family (also called DOCDB family) and to exactly 1 extended family (also called INPADOC family). Family information is not available in PATSTAT EP Register.

Strictly speaking, title, abstract, persons and classifications are part of the publication. However, by design, in PATSTAT EP Register these Domain objects are related not to the individual publication, but to the application of the publication.

Applications may also have a variety of dates (REG113_TERMS_OF_GRANT, REG114_DATES), designated states (REG109_DESIGNATED_STATES) and further information (REG135_TEXT), which here for simplicity are not regarded as domain objects of their own.

Many more domain objects are directly related to applications. See these domain objects for details.

There are several optional relationships between applications:

- Priorities (REG106_PRIOR)
- Previously filed applications (REG118_PREV_FILED_APPLN)
- Divisions and continuations (REG117_RELATION)

2.3.3. Classification

Applications are classified according to their technical content by some symbol or code to facilitate searching. Multiple, hierarchically structured classification systems exist.

- IPC - International Patent Classification¹ (REG103_IPC):
This Classification is maintained by WIPO² and used by all patent offices.
- Observe that the IPC classification code in REG103_IPC are the IPC codes that are on the publication or published in the EP Bulletin and not the possible changes due to changes in the scheme.

2.3.4. Legal Event

The Legal Event domain object represents procedural actions which change the (legal) status of an application or a granted patent. Some events are common to all jurisdictions, like refusal of an application, grant, entry into the national phase of a PCT application, payment of annual fee etc. (REG301_EVENT_DATA, REG402_EVENT_TEXT)

2.3.5. Licensee

A license is a contractual agreement between the owner of a patent and the licensee that permits the use of the patent under defined terms of use. There is no obligation to inform the EPO about licenses of EP patents, so licensing data is far from complete. (REG111_LICENSEE, REG112_LICENSEE_STATES)

2.3.6. Limitation

At any time after the patent is granted, patent proprietors can apply for the limitation of their own patent, thereby opening a limitation proceeding. (REG128_LIMITATION)

¹ <http://www.wipo.int/classifications/ipc/en/>

² <http://www.wipo.int>

2.3.7. Opponent

Within nine months from the grant of a European patent, any person may file an opposition to the patent to challenge EPO's decision to grant a patent. Each application may be opposed multiple times by one or more opponents. (REG130_OPPONENT)

2.3.8. Person

Persons may be legal persons (e.g. enterprises or any organisations) or natural persons (REG107_PARTIES, REG108_APPLICANT_STATES). The domain object Person covers these roles:

- Applicants:
The applicant is/are the person/s or company (ies) who filed the patent application. Depending on the phase of the application granting process, they may also be the owner / proprietaries of the application or patent.
- Inventors:
Only natural persons may be inventors.
- Representatives:
Sometimes they are also called agents, attorneys, legal representatives or professional representatives.

An application may have at any point of time multiple applicants, inventors or representatives. These may also change over time. Only applicants are mandatory for an application. The same person can have multiple roles for the same application, like being applicant as well as inventor.

Persons are available as published by each publication and also as changed between publications and mentioned in the EP Register (REG107_PARTIES).

2.3.9. Procedural step

During the patent procedure an application undergoes multiple procedural steps of all kinds. (REG201_PROC_STEP, REG202_PROC_STEP_TEXT, REG203_PROC_STEP_DATE).

2.3.10. Publication

At defined stages in the application procedure, publications are issued (REG102_PAT_PUBLN). There are several types of publications, each for a different purpose. Typically the first application is published 18 months after its filing date or its first priority date. The granted patent specification is published when patent protection has been granted. There are other kind of publications, e. g. corrections or publications of search reports, limitations etc.

Every application has at least 1 publication, because before the first publication an application is regarded as confidential and therefore not included in any public data set.

A patent publication typically consists of a front page, which contains meta-data (so called bibliographic data), the abstract and a representative image. On following pages are the detailed description of the invention, the claims and the drawings.

2.3.11. Search Report

A patent examiner carries out a search for similar inventions to the one claimed by the applicant. The report on this search cites all of the documents available which could be important for assessing the novelty and inventive activity of the invention. (REG136_SEARCH_REPORT)

2.3.12. Title

This is the title of the invention which is shown on the first page of a publication. By design, in PATSTAT titles are related not to the individual publication, but to the application of the publication.

The title of EP applications exists in 3 languages: English, French and German. (REG110_TITLE)

2.4 The Unitary Patent

In July 2023 the EU regulation No 1257/2012³ and the EU council regulation No 1260/2012⁴ came into force and started the introduction of the European patent with unitary effect. EP patent applications can be registered after grant as European patents with unitary effect. The legal status of European patents with unitary effect is administered by the European Patent Office and the data is published in the European patent register.

For this purpose the EP register provides a new section named “Unitary Patent” where all unitary patent related information is stored and published.

The screenshot shows the European Patent Register website. At the top, there is a header with the EPO logo and the text 'Europäisches Patentamt', 'European Patent Office', and 'Office européen des brevets'. Below this is a navigation bar with 'About European Patent Register' and 'Other EPO online services'. A dropdown menu is open, showing 'Smart search', 'Advanced search', 'Search results', and 'Help'. Below the navigation bar, there is a search bar with the text 'EP4175281'. To the right of the search bar, there is a list of links for 'EP4175281'. The links are: 'European procedure', 'EP About this file', 'EP Legal status', 'EP Federated register', 'EP Event history', 'EP Citations', 'EP Patent family', 'EP All documents', 'Unitary Patent', 'UP About this file', 'UP Event history', and 'UP All documents'. The 'Unitary Patent' section is highlighted with a red box, and the text 'UP chapter' is written next to it.

³ [EU regulation No 1257/2012](#)

⁴ [Council Regulation No 1260/2012](#)

The data of this new section is made available in ST.36 XML records in a new element named <unitary-patent> at the end of the <register-document> root element.

```
<register-document date-produced="20230614" dtd-version="1.3.3" lang="en" produced-by="R0" status="The patent has been granted">
  <ep-patent-statuses>...</ep-patent-statuses>
  <bibliographic-data country="EP" id="EP10151280P" lang="en" status="The patent has been granted">...</bibliographic-data>
  <procedural-data>...</procedural-data>
  <events-data>...</events-data>
  <events-data>...</events-data>
  <events-data>...</events-data>
  <unitary-patent>
    <unitary-patent-statuses>...</unitary-patent-statuses>
    <parties>...</parties>
    <places-of-business change-date="20160815" change-gazette-num="2016/33">...</places-of-business>
    <procedural-data>...</procedural-data>
    <events-data>...</events-data>
    <events-data>...</events-data>
  </unitary-patent>
</register-document>
```

EP chapter

UP chapter

This data of unitary patent information is provided in PATSTAT EP register in tables named REG7nn.

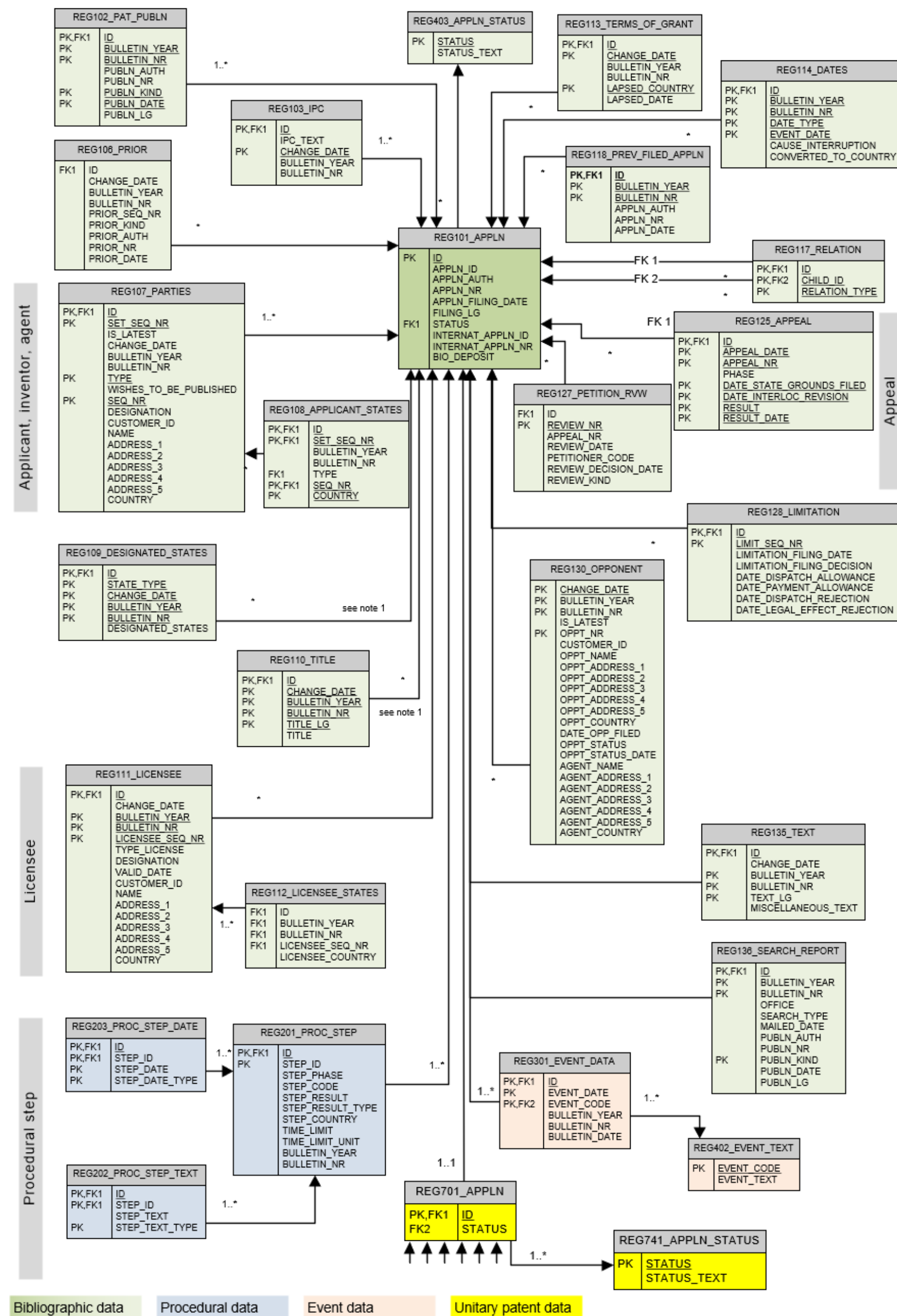
3 Logical model

3.1 Table naming conventions

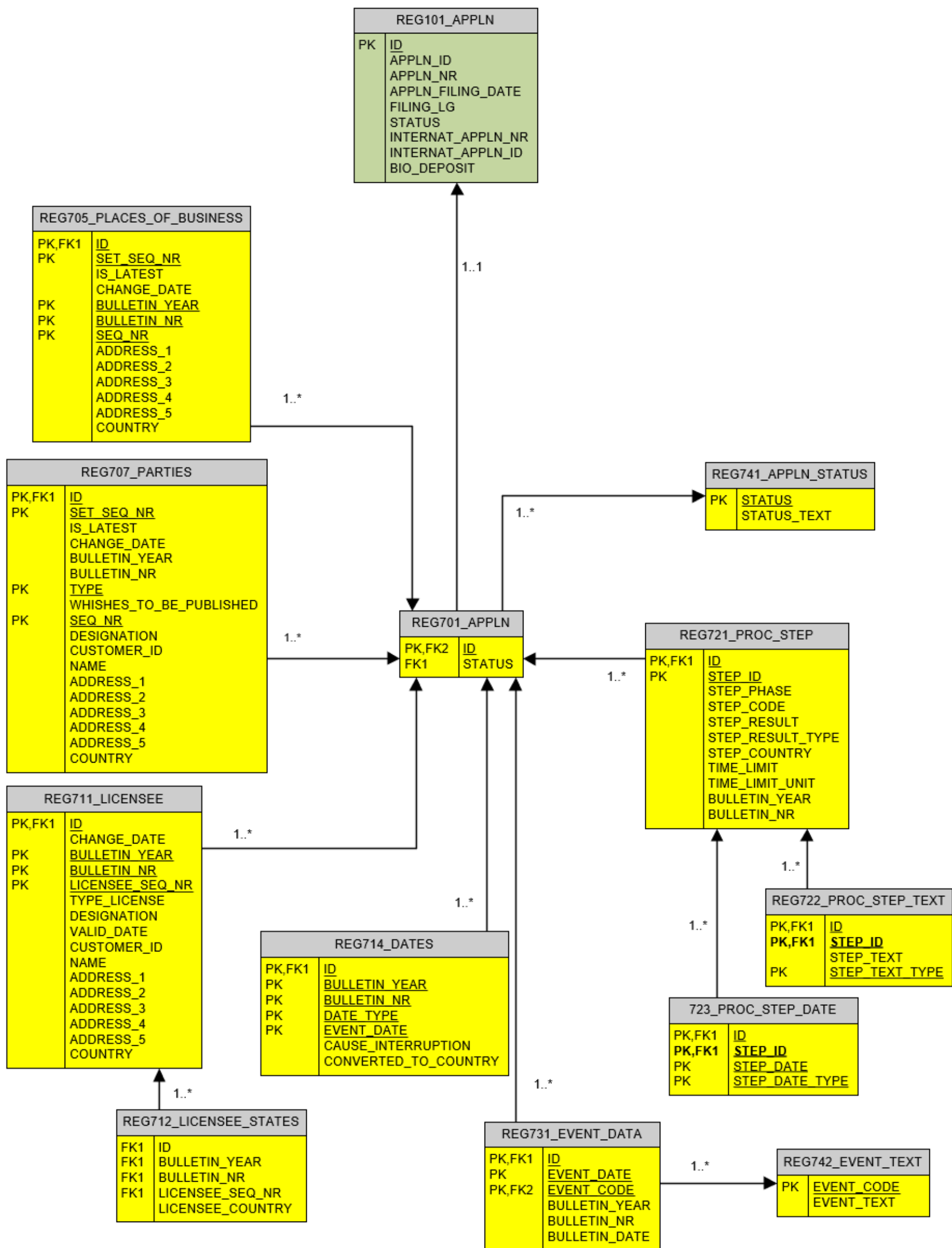
All table names in PATSTAT EP Register are of the form **REGnnn_xxxx**

- REG fixed prefix
- nnn unique number; the range of the number indicates its purpose;
100 range: bibliographic data
200 range: procedural data
300 range: event data
400 range: reference list of codes used in other tables
700 range: unitary patent data
- _ underscore
- xxxx one or more words indicating the content of the table

3.2 Logical model diagram



Note 1: For EP-direct or EURO-PCT applications (which have APPLN_ID > 0) the cardinality is 1..*, i.e. every EP-direct or EURO-PCT application has at least one title and at least one list of designated states



Legend:

0..1 cardinality
 * cardinality 0 ... n
 PK This attribute is (part of) the Primary Key
 FK_n This attribute is (part of) the Foreign Key FK_n;

Underlined attributes constitute the Primary Key.

4 Design Principles

4.1 Handling of double quotes and line breaks

Double quotes (") are consistently replaced by single quotes (') in the data. This makes importing the data files, where double quotes are used to delimit text but will not appear within a text, easier.

Line breaking sequences (CR, LF) within strings are replaced by " \n ".

4.2 Linking PATSTAT EP Register with PATSTAT Global

The APPLN_ID is a numerical technical identifier used in all PATSTAT databases to uniquely identify a patent application. Since April 2011 this attribute is stable across all editions of all PATSTAT databases, which means that the same value of APPLN_ID will always identify the same application, regardless of the PATSTAT database or the data edition.

For more details about the APPLN_ID attribute see section 6.10 "APPLN_ID".
For the applications which are available in both PATSTAT EP Register and PATSTAT Global see the diagram in section 1.4 "Data coverage".

Consequently the attribute APPLN_ID is ideally suited to easily link two or more PATSTAT databases.

In case you have loaded the PATSTAT EP Register tables in a database called "dbreg" and the worldwide PATSTAT data in a database called "db", an SQL query could look like this:

```
select *
from db..tls224_appln_cpc c           -- CPC in PATSTAT Global
join dbreg..reg101_appln a          -- core table in PATSTAT EP Register
  on c.appln_id = a.appln_id
where ...
```

In case you have loaded all tables into a single database, the SQL statement would even be simpler because the database names are not required:

```
select *
from tls224_appln_cpc c           -- CPC in PATSTAT Global
join reg101_appln a              -- core table in PATSTAT EP Register
  on c.appln_id = a.appln_id
where ...
```

Analogously, you can also use the attribute INTERNAT_APPLN_ID from an application in REG101_APPLN to retrieve its international application in TLS201_APPLN, if there is one. For more details see section 6.38 "INTERNAT_APPLN_ID". Such a query might look like this:

```

select *
from tls201_appln biblio      -- Application table in PATSTAT Global
join reg101_appln register    -- Application table in PATSTAT EP Register
    on biblio.appln_id = register.internat_appln_id
where register.internat_appln_id <> 0
    -- exclude applications which do not have an international application
and ...

```

4.3 Handling of missing or unknown values

It is a fact that for several documents, usually old ones, we are missing date information. In relational databases missing values are usually represented by NULL values, but these are hard to exchange in csv format.

PATSTAT data does not contain any NULL values and in fact all attributes may be defined as NOT NULL. Depending on the data type / domain, PATSTAT represents missing values like this:

- Missing values in attributes of type **date** are represented as '9999-12-31'.
- Missing values in attributes of type **string** are represented as zero length strings (like "") or as fixed length strings containing spaces.
- Missing values in **numerical** attributes are represented as number zero.

It is important to understand that the date 9999-12-31 means 'unknown' or 'not applicable' date.

So if you write a query for all patents published after 2008-01-01, you will get a larger number than you expect - you will also get all the 9999-12-31 ones. So remember to write something like

```
'..where PUBLN_DATE > '2008-01-01' and PUBLN_DATE < '9999-12-31' .
```

5 Table descriptions

5.1 Explanation of table description

Descriptor	Content	
Table name		
Attributes of the table	XPath which is used to extract the data of the XML source. This XPath is relative to the absolute XPath listed in the row “Implementation rules”. This is only relevant for the EPO’s developers or expert end users.	
Primary key	The attribute or a group of attributes which uniquely identifies a row of that table	
Alternate key	Another attribute or group of attributes which uniquely identifies a row of that table	
Foreign key	The attribute(s) which could be used to join this table with other tables. See also the diagram in section 3 “Logical model”.	
Business rules	Rules and restrictions on business level	
Implementation rules	Rules and restrictions on a technical level, which are only relevant for the EPO’s developers or expert end users. E. g., the absolute XPath of the XML source is listed here,	
Comments	Any further explanations as deemed necessary	
Modification history		
Author of update	Date of update	Explanation of update
M. Kracker	01.04.2015	First version

5.2 REG101_APPLN: Application

This table contains

- EP applications with their identifiers and some additional data. In case of Euro-PCT (= an international application which has entered the EP regional phase), then the number of the international application number is given.
If no international application number is given, then it is an EP direct filing.
- International applications, which have not (yet) entered the EP regional phase.

REG101_APPLN			
ID		@id	
APPLN_ID		... see PATSTAT DOCDB	
APPLN_AUTH		application-reference/document-id(EP)/country	
APPLN_NR		application-reference/document-id (EP)/doc-number	
APPLN_FILING_DATE		application-reference/document-id (EP)/date	
FILING_LG		language-of-filing	
STATUS		../@status	
INTERNAT_APPLN_ID		computed	
INTERNAT_APPLN_NR		application-reference/document-id (WO)/doc-number	
BIO_DEPOSIT		/register-documents/register-document/bibliographic-data/bio-deposit	
Primary key		ID	
Alternate key		APPLN_NR	
Foreign key		APPLN_ID	REFERENCES TLS201_APPLN (APPLN_ID) in the PATSTAT DOCDB database
Foreign key		STATUS	REFERENCES REG403_APPLN_STATUS (STATUS)
Business rules		n/a	
Implementation rules		/register-documents/register-document/bibliographic-data	
Comments		For EP applications (EP direct or EURO-PCTs): Via the common attribute APPLN_ID you may link this PATSTAT EP Register database to the worldwide PATSTAT Global database. This is another subscription database which you must purchase separately: Product 14.24, http://www.epo.org/patstat, tab “Conditions”. About 30% of all applications in this table are international applications which have not entered the EP regional phase. In these cases no EP publication exists in the PATSTAT DOCDB database to which can be linked.	
Modification history			
Author of update		Date of update	Explanation of update
M. Kracker		01.04.2015	Version 2.00
M. Kracker		01.10.2015	Table REG119_BIO_DEPOSIT has been integrated into REG101_APPLN
M. Kracker		01.04.2017	New attribute INTERNAT_APPLN_ID
M. Kracker		01.10.2017	Attribute STATUS has a Foreign Key for its reference table REG403 APPLN STATUS

5.3 REG102_PAT_PUBLN: Patent publication

This table contains the EP and WO publications of the EP applications and international applications of table REG101_APPLN (R.143(I) EPC).

REG102_PAT_PUBLN				
	ID	../../bibliographic-data/@id		
	BULLETIN_YEAR	..@change-gazette-num		
	BULLETIN_NR	..@change-gazette-num		
	PUBLN_AUTH	country		
	PUBLN_NR	doc-number		
	PUBLN_KIND	kind		
	PUBLN_DATE	date		
	PUBLN_LG	@lang		
	Primary key	ID, BULLETIN_YEAR, BULLETIN_NR, PUBLN_KIND, PUBLN_DATE		
Alternative key				
Foreign key	ID	REFERENCES	REG101_APPLN (ID)	
Business rules	n/a			
Implementation rules	/register-documents/register-document/bibliographic-data/publication-reference/document-id/			
Comments	n/a			
Modification history				
Author of update	Date of update		Explanation of update	
M. Kracker	01.04.2015		Version 2.00	
M. Kracker	01.10.2016		Change of Primary Key; Removal of alternate key	

5.4 REG103_IPC: International Patent Classification

Each row of this table has a string containing 0, 1 or more IPC symbols of an application as published in the Bulletin. The individual IPC symbols are separated by semicolons. Note that the IPCs symbols are provided as published and are not updated when IPC definitions change. Observe that IPC codes in IPC_TEXT string are not always according to the “Guide to the International Patent Classification⁵” and might contain characters such as slashes ‘/’, colons ‘:’ or brackets ‘()’ e.g. ‘// F16H59:14’ or ‘// (C08L77/06, //:06)’. Also the practice applied in PATSTAT Global of having strictly 8 digits before the / is not adhered to.

REG103_IPC			
ID		../../bibliographic-data/@id	
IPC_TEXT		text	
CHANGE_DATE		../@change-date	
BULLETIN_YEAR		../@change-gazette-num	
BULLETIN_NR		../@change-gazette-num	
Primary key		ID, CHANGE_DATE	
Foreign key		ID	REFERENCES REG101_APPLN (ID)
Business rules		n/a	
Implementation rules		/register-documents/register-document/bibliographic-data/classifications-ipcr/classification-ipcr/	
Comments		n/a	
Modification history			
Author of update		Date of update	Explanation of update
M. Kracker		01.04.2015	Version 2.00
M. Kracker		01.10.2015	Attribute CHANGE_DATE added

⁵ [Guide to the International Patent Classification](#)

5.5 REG106_PRIOR: Priority

This table contains the data of the claimed priorities (A.88 EPC).

REG106_PRIOR				
	ID	../@id		
	CHANGE_DATE	../@change-date		
	BULLETIN_YEAR	../@change-gazette-num		
	BULLETIN_NR	../@change-gazette-num		
	PRIOR_SEQ_NR	@sequence		
	PRIOR_KIND	@kind		
	PRIOR_AUTH	country		
	PRIOR_NR	doc-number		
	PRIOR_DATE	date		
Primary key	none			
Foreign key	ID	REFERENCES	REG101_APPLN (ID)	
Business rules	Multiple sets of priorities might be published in the bulletin in case of corrections to the priority data. The loss of all priority rights is indicated by a row with PRIOR_SEQ_NR = 0.			
Implementation rules	/register-documents/register-document/bibliographic-data/priority-claims/priority-claim			
Comments	n/a			
Modification history				
Author of update	Date of update	Explanation of update		
M. Kracker	01.04.2015	Version 2.00		
M. Kracker	01.10.2015	Attribute CHANGE_DATE added; Business rule amended		

5.6 REG107_PARTIES: Applicant, inventor, legal representative

This table contains applicants (R.41(2)(c) EPC), inventors (A.81 EPC) and agents / legal representatives (R.41(2)(d) EPC).

REG107_PARTIES				
	ID	../../@id		
	SET_SEQ_NR	calculated descending “set” number		
	IS_LATEST	calculated, ‘Y’ if it belongs to latest otherwise ‘N’		
	CHANGE_DATE	../@change-date		
	BULLETIN_YEAR	../@change-gazette-num		
	BULLETIN_NR	../@change-gazette-num		
	TYPE	"A", if type = applicant "I", if type = inventor "R", if type = agent		
	WISHES_TO_BE_PUBLISHED	@wishes-to-be-published		
	SEQ_NR	@sequence		
	DESIGNATION	@designation		
	CUSTOMER_ID	addressbook/@cdsid		
	NAME	addressbook/name		
	ADDRESS_1	addressbook/address/address-1		
	ADDRESS_2	addressbook/address/address-2		
	ADDRESS_3	addressbook/address/address-3		
	ADDRESS_4	addressbook/address/address-4		
	ADDRESS_5	addressbook/address/address-5		
	COUNTRY	addressbook/address/country		
	Primary key	ID, SET_SEQ_NR, TYPE, SEQ_NR		
	Foreign key	ID	REFERENCES	REG101_APPLN (ID)
	Business rules	n/a		
	Implementation rules	/register-documents/register-document/bibliographic-data/parties/types/type, while types/type is a placeholder for • applicants/applicant • inventors/inventor • agents/agent		
Comments	n/a			
Modification history				
Author of update	Date of update	Explanation of update		
M. Kracker	01.04.2015	Version 2.00		
M. Kracker	01.10.2015	Attributes CHANGE_DATE and CUSTOMER_ID added		

5.7 REG108_APPLICANT_STATES: Designated state by applicant

In some cases the applicant does not seek patent protection in all countries which are designated in the application (see table REG109_DESIGNATED_STATES), but only in some of these countries. In these cases this table lists the countries for which a specific applicant seeks protection.

REG108_APPLICANT_STATES			
ID	../.../@id		
SET_SEQ_NR	calculated descending "set" number		
BULLETIN_YEAR	../.../@change-gazette-num		
BULLETIN_NR	../.../@change-gazette-num		
TYPE	constant value "A"		
SEQ_NR	../.../@sequence		
COUNTRY	.		
Primary key	ID, SET_SEQ_NR, SEQ_NR, COUNTRY		
Foreign key	ID, SET_SEQ_NR, TYPE, SET_NR	REFERENCES	REG107_PARTIES (ID, SET_SEQ_NR, TYPE, SET_NR)
Business rules	n/a		
Implementation rules	/register-documents/register-document/bibliographic-data/parties/applicants/applicant/designated-states/country		
Comments	Applicants which seek protection only for a subset of all designated countries can be identified in this way: In table REG107_PARTIES these applicants have the value 'as-indicated' in attribute DESIGNATION.		
Modification history			
Author of update	Date of update	Explanation of update	
M. Kracker	01.04.2015	Version 2.00	
M. Kracker	01.04.2016	Comment amended	
M. Kracker	01.10.2016	Attribute TYPE added; PK defined; Comment amended	

5.8 REG109_DESIGNATED_STATES : Designated states

This table contains the information about states designated for an application. There are these types of designated states:

- Member states of the European Patent Convention (EPC) (R.143(1)(e) EPC)
- Extension states
(see also in table REG201_PROC_STEP attribute STEP_CODE = 'EXPT')
- Validation states
(see also in table REG201_PROC_STEP attribute STEP_CODE = 'VAPT')

REG109_DESIGNATED_STATES				
ID		../.../..../@id		
STATE_TYPE		Computed		
CHANGE_DATE		../.../..../@change-date		
BULLETIN_YEAR		../.../..../@change-gazette-num		
BULLETIN_NR		../.../..../@change-gazette-num		
DESIGNATED_STATES		For member states: /register-documents/register-document/bibliographic-data/designation-of-states/designation-pct/regional/country For extension and validation states: /register-documents/register-document/procedural-data/procedural-step/procedural-step-text		
Primary key		ID, STATE_TYPE, CHANGE_DATE, BULLETIN_YEAR, BULLETIN_NR		
Foreign key		ID	REFERENCES	REG101_APPLN (ID)
Business rules		Designation of <i>member states</i> may change over time, so there may be multiple entries with different dates for a single application. For designations of <i>extension states</i> and <i>validation states</i> only the values at the time of filing are shown. Their attributes CHANGE_DATE, BULLETIN_YEAR, BULLETIN_NR will contain only a default value.		
Implementation rules		/register-documents/register-document/bibliographic-data/designation-of-states/designation-pct/regional/country		
Comments		n/a		
Modification history				
Author of update		Date of update	Explanation of update	
M. Kracker		01.04.2015	Version 2.00	
M. Kracker		01.10.2015	Attribute CHANGE_DATE added; Primary key extended	
M. Kracker		01.10.2018	Restructuring; added extension and validation states; added STATE_TYPE; removed TOTAL_DESIGNATED_STATE	
M. Kracker		01.04.2019	Comment amended	

5.9 REG110_TITLE: Title of patent application

This table contains the titles of the patent applications in the official languages (English, French, and German) of the EPO, as far as available at the time published in the Gazette (R.143(1)(c) EPC).

REG110_TITLE			
	ID	../@id	
	CHANGE_DATE	@change-date	
	BULLETIN_YEAR	@change-gazette-num	
	BULLETIN_NR	@change-gazette-num	
	TITLE_LG	@lang	
	TITLE	.	
	Primary key	ID, CHANGE_DATE, BULLETIN_YEAR, BULLETIN_NR, TITLE_LG	
	Foreign key	ID	REFERENCES REG101_APPLN (ID)
Business rules		EP direct applications and EURO-PCT applications always have titles in English, French and German. EP direct applications and EURO-PCT applications can be identified by having APPLN_ID > 0 (cf. table REG101_APPLN).	
Implementation rules		/register-documents/register-document/bibliographic-data/invention-title	
Comments		n/a	
Modification history			
Author of update		Date of update	Explanation of update
M. Kracker		01.04.2015	Version 2.00
M. Kracker		01.10.2015	Attribute CHANGE_DATE added

5.10 REG111_LICENSEE: Licensee

This table contains information about licensees and *rights in rem* (R.23 and R.24 EPC).

REG111_LICENSEE				
	ID	../@id		
	CHANGE_DATE	../@change-date		
	BULLETIN_YEAR	../@change-gazette-num		
	BULLETIN_NR	../@change-gazette-num		
	LICENSEE_SEQ_NR	@sequence		
	TYPE_LICENSE	@type-license		
	DESIGNATION	@designation		
	VALID_DATE	date		
	CUSTOMER_ID	addressbook/@cdsid		
	NAME	addressbook/name		
	ADDRESS_1	addressbook/address/address-1		
	ADDRESS_2	addressbook/address/address-2		
	ADDRESS_3	addressbook/address/address-3		
	ADDRESS_4	addressbook/address/address-4		
	ADDRESS_5	addressbook/address/address-5		
	COUNTRY	addressbook/address/country		
	Primary key	ID, BULLETIN_YEAR, BULLETIN_NR, LICENSEE_SEQ_NR		
	Foreign key	ID	REFERENCES	REG101_APPLN (ID)
Business rules	If LICENSEE_SEQ_NR = 'deleted', then 'DESIGNATION' must be 'all'.			
Implementation rules	/register-documents/register-document/bibliographic-data/licensee-data/licensee			
Comments	In case of changes or corrections multiple records occur.			
Modification history				
Author of update	Date of update	Explanation of update		
M. Kracker	01.04.2015	Version 2.00		
M. Kracker	01.10.2015	Attributes CHANGE_DATE and CUSTOMER ID added		

5.11 REG112_LICENSEE_STATES: License state

A license might be valid for all states which are covered by a patent, or only by a subset of these countries. In the latter case this table lists the countries for which the license is valid.

REG112_LICENSEE_STATES				
ID		../../@id		
BULLETIN_YEAR		../../@change-gazette-num		
BULLETIN_NR		../../@change-gazette-num		
LICENSEE_SEQ_NR		../@sequence		
LICENSEE_COUNTRY		.		
Primary key		None		
Foreign key		ID, BULLETIN_YEAR, BULLETIN_NR, LICENSEE_SEQ_NR	REFERENCES	REG111_LICENSEE (ID, BULLETIN_YEAR, BULLETIN_NR, LICENSEE_SEQ_NR)
Business rules		n/a		
Implementation rules		/register-documents/register-document/bibliographic-data/licensee-data/licensee/effective-in/country		
Comments		Licenses which are valid only in a subset of the countries where the patent is valid can be identified in this way: In table REG111_LICENSEE these licenses have the value 'as-indicated' in attribute DESIGNATION.		
Modification history				
Author of update		Date of update	Explanation of update	
M. Kracker		01.04.2015	Version 2.00	
M. Kracker		01.04.2016	Foreign key information added	

5.12 REG113_TERMS_OF_GRANT: Lapse

This table contains information about lapses during the opposition phase or during the period when opposition can be filed (R.143(1)(p) EPC).

Note that the EPO is not the “owner” of any lapses in the national phase of a patent; therefore this information is not included.

REG113_TERMS_OF_GRANT			
ID		../@id	
CHANGE_DATE		../@change-date	
BULLETIN_YEAR		../@change-gazette-num	
BULLETIN_NR		../@change-gazette-num	
LAPSED_COUNTRY		country	
LAPSED_DATE		date	
Primary key		ID, CHANGE_DATE, LAPSED_COUNTRY	
Foreign key		ID	REFERENCES REG101_APPLN (ID)
Business rules		Only 1 (= the latest) publication in the gazette regarding these lapses are contained in this table. However, no information is lost because each publication in the gazette repeats the information from earlier publications.	
Implementation rules		/register-documents/register-document/bibliographic-data/term-of-grant/lapse-in-country	
Comments		n/a	
Modification history			
Author of update		Date of update	Explanation of update
M. Kracker		01.04.2015	Version 2.00
M. Kracker		01.10.2015	Attribute CHANGE_DATE added
M. Kracker		01.10.2016	Primary Key defined

5.13 REG114_DATES: Various dates

This table contains some dates and – depending on the type of date – additional information.

- date when the request for examination was validly made (R.70(1) EPC)
- date of dispatch of the first communication from the examining division
- date of publication of the B2 document (patent maintained as amended) (R.82 EPC)
- date as of when the procedure was interrupted (R.142 EPC), with the cause of the interruption
- date of resumption of the procedure resumed (R.14 und R.142 EPC)
- date on which the procedure was suspended, with the reason for the suspension (R.14 EPC)
- date on which the application was converted into a national application, with the country/countries to which it was converted (A.135 EPC)
- date when the applicant withdrew his application (R.143(1)(n) EPC)
- legal effect date when the application was deemed to be withdrawn (R.143(1)(n) EPC)
- data concerning the handling of the request for revocation of the patent filed by the proprietor (R.90 – R.95 EPC)
- date when the time limit for filing opposition expired (A.99(1) EPC)

REG114_DATES			
	ID	../@id	
	BULLETIN_YEAR	@change-gazette-num	
	BULLETIN_NR	@change-gazette-num	
	DATE_TYPE	(see Implementation rules below)	
	EVENT_DATE	date	
	CAUSE INTERRUPTION	@cause	(only for DATE_TYPE = PRCITR)
	CONVERTED_TO_COUNTRY	country	(only for DATE_TYPE = RQCONV)
	Primary key	ID, BULLETIN_YEAR, BULLETIN_NR, DATE_TYPE, EVENT_DATE	
	Foreign key	ID	REFERENCES REG101_APPLN (ID)
Business rules	For these rights the year and week when the information was published in the gazette may (but need not) be given: • Request for examination • Request for conversion into national patent • Application deemed withdrawn • Opposition not filed • Application withdrawn by applicant		
Implementation rules	Within /register-documents/register-document/bibliographic-data/, the sub element is defined by the DATE_TYPE • RQEXAM /dates-rights-effective/request-for-examination • FEXRRQ /dates-rights-effective/first-examination-report-despatched • PMNTAM /dates-rights-effective/patent-maintained-as-amended • PRCITR /dates-rights-effective/proceedings-interrupted		

	• PRCRES /dates-rights-effective/proceedings-resumed • PRCSUS /dates-rights-effective/proceedings-suspended • RQCONV /dates-rights-effective/request-for-conversion-to-national-application • WDRWNA /date-application-withdrawn-by-applicant • DWDRWN /date-application-deemed-withdrawn • RQREVO /office-specific-bib-data/ep-revocation-procedure/ep-revocation-procedure-date • OPPNFI /opposition-data/opposition-not-filed	
Comments	n/a	
Modification history		
Author of update	Date of update	Explanation of update
M. Kracker	01.04.2015	Version 2.00
M. Kracker	01.10.2015	Restructuring of previous table REG114_DATE_RIGHTS. Integration of these tables: - REG122_DATE_WITHDRAWN_BY_APPLT - REG123_DATE_DEEMED_WITHDRAWN - REG126_REVOCATION - REG134_OPPOSITION_NOT_FILED;
M. Kracker	01.04.2016	Attribute DATE renamed to EVENT_DATE; Implementation rules amended

5.14 REG117_RELATION: Divisional or continuation application

This table contains information about

- European divisional applications (A.76 EPC) and
- new European applications (A.61(1)(b) EPC): here named “continuation”

REG117_RELATION			
ID	../...../@id		
CHILD_ID	computed		
RELATION_TYPE	xxx (see Implementation rules below)		
Primary key	ID, CHILD_ID, RELATION_TYPE		
Foreign key	ID	REFERENCES	REG101_APPLN (ID)
Foreign key	CHILD_ID	REFERENCES	REG101_APPLN (ID)
Business rules	This table contains applications and their child applications. Child applications which are (deemed to be) withdrawn or which have been refused are consequently not published and therefore they are not part of the EP register. For the sake of database consistency they are not included in this table. This affects about 2% of all child applications.		
Implementation rules	/register-documents/register-document/bibliographic-data/related-documents/xxx/relation/yyy/document-id (xxx being division / continuation, yyy being parent-doc / child-doc)		
Comments	By “continuation” we here mean an application filed in respect to A.61(1)(b) EPC. We do not mean a continuation application according to U.S. patent law.		
Modification history			
Author of update	Date of update	Explanation of update	
M. Kracker	01.04.2015	Version 2.00	
M. Kracker	01.10.2015	Restructuring of table	

5.15 REG118_PREV_FILED_APPLN: Previously filed application

This table contains information about the references to a previously filed application in the sense of R.40(1)(c) and R.40(2) EPC.

REG118_PREV_FILED_APPLN				
	ID		../@id	
	BULLETIN_YEAR		@change-gazette-num	
	BULLETIN_NR		@change-gazette-num	
	APPLN_AUTH		document-id/country	
	APPLN_NR		document-id/doc-number	
	APPLN_DATE		document-id/date	
	Primary key		ID, BULLETIN_YEAR, BULLETIN_NR	
Foreign key		ID	REFERENCES	REG101_APPLN (ID)
Business rules		n/a		
Implementation rules		/register-documents/register-document/bibliographic-data/related-document/previously-filed-application		
Comments		n/a		
Modification history				
Author of update		Date of update		Explanation of update
M. Kracker		01.04.2015		Version 2.00

5.16 REG125_APPEAL: Appeal

This table contains the data concerning an appeal (A.108 – A.111 EPC). A single application may have multiple appeals.

REG125_APPEAL				
ID		../@id		
APPEAL_DATE		date		
APPEAL_NR		@appeal-num		
PHASE		@appeal-phase		
DATE_STATE_GROUNDS_FILED		ep-date-statement-of-grounds-filed/date		
DATE_INTERLOC_REVISION		ep-date-interlocutory-revision/date		
RESULT		ep-appeal-result		
RESULT_DATE		ep-appeal-result/@date		
Primary key		ID, APPEAL_DATE, APPEAL_NR, DATE_STATE_GROUNDS_FILED, DATE_INTERLOC_REVISION, RESULT, RESULT_DATE		
Foreign key		ID	REFERENCES	REG101_APPLN (ID)
Business rules		n/a		
Implementation rules		/register-documents/register-document/bibliographic-data/office-specific-bib-data/ep-appeal-data		
Comments		n/a		
Modification history				
Author of update		Date of update	Explanation of update	
M. Kracker		01.04.2015	Version 2.00	
M. Kracker		01.10.2015	Attribute APPEAL_NUMBER renamed to APPEAL_NR	
M. Kracker		01.10.2016	Primary Key defined; Replaced attribute RESULT_ID by RESULT	

5.17 REG127_PETITION_RVW: Petition review

This table contains data about the handling of a petition to review the outcome of an appeal (R.104 – R.108 EPC).

REG127_PETITION_RVW				
	ID	.././@id		
	REVIEW_NR	@petition-review-num		
	APPEAL_NR	ep-petition-review-appeal-number		
	REVIEW_DATE	ep-petition-review-date/date		
	PETITIONER_CODE	ep-petition-review-petitioner-code		
	REVIEW_DECISION_DATE	ep-petition-review-decision-date/date		
	REVIEW_KIND	ep-petition-review-kind		
	Primary key	REVIEW_NR		
Foreign key	ID	REFERENCES	REG101_APPLN (ID)	
Business rules	n/a			
Implementation rules	/register-documents/register-document/bibliographic-data/office-specific-bib-data/ep-petition-review			
Comments	n/a			
Modification history				
Author of update	Date of update	Explanation of update		
M. Kracker	01.04.2015	Version 2.00		
M. Kracker	01.10.2015	Attribute APPEAL_NUMBER renamed to APPEAL_NR		

5.18 REG128_LIMITATION: Request for limitation

This table contains the information about the filing, the allowance and the rejection of a request for limitation (R.90 – R.95 EPC).

REG128_LIMITATION			
ID		../././@id	
LIMIT_SEQ_NR		computed	
Filing of limitation			
LIMITATION_FILING_DATE		ep-limitation-filing-date/date	
LIMITATION_FILING_DECISION		ep-limitation-filing-decision/text	
Allowance of limitation			
DATE_DISPATCH_ALLOWANCE		ep-limitation-allowed/ep-limitation-request-dispatch-date/date	
DATE_PAYMENT_ALLOWANCE		ep-limitation-allowed/ep-limitation-request-pay-date	
Rejection of limitation			
DATE_DISPATCH_REJECTION		ep-limitation-rejection /ep-limitation-rejection-dispatch-date/date	
DATE_LEGAL_EFFECT_REJECTION		ep-limitation-rejection /ep-limitation-rejection-legal-date/date	
Primary key	ID, LIMIT_SEQ_NR		
Foreign key	ID	REFERENCES	REG101_APPLN (ID)
Business rules	n/a		
Implementation rules	/register-documents/register-document/bibliographic-data/office-specific-bib-data/ep-limitation-procedure		
Comments	There may be more than one request for limitation for a given application.		
Modification history			
Author of update	Date of update	Explanation of update	
M. Kracker	01.10.2015	Version 3.00	

5.19 REG130_OPPONENT: Opponent

This table contains data about the opponents and their agents.

REG130_OPPONENT			
	ID	../@id	
	CHANGE_DATE	../@change-date	
	BULLETIN_YEAR	../@change-gazette-num	
	BULLETIN_NR	../@change-gazette-num	
	IS_LATEST	Computed (value Y or N)	
	OPPT_NR	@sequence	
	CUSTOMER_ID	addressbook/@cdsid	
	OPPT_NAME	addressbook/name	
	OPPT_ADDRESS_1	addressbook/address/address-1	
	OPPT_ADDRESS_2	addressbook/address/address-2	
	OPPT_ADDRESS_3	addressbook/address/address-3	
	OPPT_ADDRESS_4	addressbook/address/address-4	
	OPPT_ADDRESS_5	addressbook/address/address-5	
	OPPT_COUNTRY	addressbook/address/country	
	DATE_OPP_FILED	date-opposition-filed/date	
	OPPT_STATUS	opponent-status/@status	
	OPPT_STATUS_DATE	opponent-status/date	
	AGENT_NAME	agent/addressbook/name	
	AGENT_ADDRESS_1	agent/addressbook/address/address-1	
	AGENT_ADDRESS_2	agent/addressbook/address/address-2	
	AGENT_ADDRESS_3	agent/addressbook/address/address-3	
	AGENT_ADDRESS_4	agent/addressbook/address/address-4	
	AGENT_ADDRESS_5	agent/addressbook/address/address-5	
	AGENT_COUNTRY	agent/addressbook/address/country	
	Primary key	ID, CHANGE_DATE, BULLETIN_YEAR, BULLETIN_NR, OPPT_NR	
	Foreign key	ID	REFERENCES REG101_APPLN (ID)
Business rules	There are one or more opponents filing an opposition to a patent. At each publication in the Bulletin, the complete set of still active opponents is published.		
Implementation rules	/register-documents/register-document/bibliographic-data/opposition-data/opponent		
Comments	Each opponent may have 0 or 1 agent.		
Modification history			
Author of update	Date of update	Explanation of update	
M. Kracker	01.10.2015	Version 3.00	

5.20 REG135_TEXT: Miscellaneous text

This table contains free text comment concerning an application. The comment can be in English, French or German.

REG135_TEXT			
ID		../@id	
CHANGE_DATE		@change_date	
BULLETIN_YEAR		@change-gazette-num	
BULLETIN_NR		@change-gazette-num	
TEXT_LG		@lang	
MISCELLANEOUS_TEXT		.	
Primary key		ID, BULLETIN_YEAR, BULLETIN_NR, TEXT_LG	
Alternate key		ID, CHANGE_DATE, TEXT_LG	
Foreign key		ID	REFERENCES REG101_APPLN (ID)
Business rules		There may be one or two translations in another official language of the EPO. So each text may have 1, 2 or 3 entries in this table.	
Implementation rules		/register-documents/register-document/bibliographic-data/text	
Comments		n/a	
Modification history			
Author of update		Date of update	Explanation of update
M. Kracker		01.04.2015	Version 2.00
M. Kracker		01.10.2015	Attributes CHANGE_DATE and TEXT_LG added

5.21 REG136_SEARCH_REPORT: Search report

This table contains information about the search reports. An application may have 0 - 3 (e.g. national and national-supplementary) search reports.

- European search reports are published by the EPO as A1 or A3 publications
- European supplementary search reports are not officially published, but reported here
- International search reports are published by WIPO as A1 or A2 publications

REG136_SEARCH_REPORT				
	ID	../@id		
	BULLETIN_YEAR	../@change-gazette-num		
	BULLETIN_NR	../@change-gazette-num		
	OFFICE	@office		
	SEARCH_TYPE	@search-type		
	MAILED_DATE	date-search-report-mailed/date		
	PUBLN_AUTH	search-report-publication/document-id/country		
	PUBLN_NR	search-report-publication/document-id/doc-number		
	PUBLN_KIND	search-report-publication/document-id/kind		
	PUBLN_DATE	search-report-publication/document-id/date		
	PUBLN_LG	search-report-publication/document-id/@lang		
Primary key	ID, BULLETIN_YEAR, BULLETIN_NR, PUBLN_KIND			
Foreign key	ID	REFERENCES	REG101_APPLN (ID)	
Business rules	n/a			
Implementation rules	/register-documents/register-document/bibliographic-data/search-reports-information/search-report-information			
Comments	n/a			
Modification history				
Author of update	Date of update	Explanation of update		
M. Kracker	01.04.2015	Version 2.00		

5.22 REG201_PROC_STEP: Procedural step

This table contains information about procedural data that is part of the EP register, but which is not or not entirely published in the bulletin.

REG201_PROC_STEP			
ID		../bibliographic-data/@id	
STEP_ID		@id	
STEP_PHASE		@procedure-step-phase	
STEP_CODE		procedural-step-code	
STEP_RESULT		procedural-step-result	
STEP_RESULT_TYPE		procedural-step-result/@step-result-type	
STEP_COUNTRY		procedural-step-affected-states/country	
TIME_LIMIT		time-limit	
TIME_LIMIT_UNIT		time-limit/@time-limit-unit	
BULLETIN_YEAR		gazette-reference/gazette-num	
BULLETIN_NR		gazette-reference/gazette-num	
Primary key		ID, STEP_ID	
Foreign key		ID	REFERENCES REG101_APPLN (ID)
Business rules		n/a	
Implementation rules		/register-documents/register-document/procedural-data/procedural-step	
Comments		n/a	
Modification history			
Author of update		Date of update	Explanation of update
M. Kracker		01.04.2015	Version 2.00
M. Kracker		01.04.2016	Table and its attributes renamed; Attributes added from former tables REG204_PRCDDL_STEP_AFFECTED_STATES and REG205_PRCDDL_STEP_RESULT

5.23 REG202_PROC_STEP_TEXT: Text of procedural step

This table contains a short explanation or more detailed information about the procedural step (see table REG201_PROC_STEP).

REG202_PROC_STEP_TEXT				
	ID	../../../../bibliographic-data/@id		
	STEP_ID	../@id		
	STEP_TEXT	.		
	STEP_TEXT_TYPE	@step-text-type		
	Primary key	ID, STEP_ID, STEP_TEXT_TYPE		
Foreign key	ID, STEP_ID	REFERENCES	REG201_PROC_STEP (ID, STEP_ID)	
Business rules	n/a			
Implementation rules	/register-documents/register-document/procedural-data/procedural-step/procedural-step-text			
Comments	n/a			
Modification history				
Author of update	Date of update		Explanation of update	
M. Kracker	01.04.2015		Version 2.00	
M. Kracker	01.04.2016		Table and its attributes renamed	

5.24 REG203_PROC_STEP_DATE: Date of procedural step

This table contains the dates of a procedural step (see table REG201_PROC_STEP).

REG203_PROC_STEP_DATE				
	ID	../../bibliographic-data/@id		
	STEP_ID	../@id		
	STEP_DATE	date		
	STEP_DATE_TYPE	@step-date-type		
	Primary key	ID, STEP_ID, STEP_DATE, STEP_DATE_TYPE		
Foreign key	ID, STEP_ID	REFERENCES	REG201_PROC_STEP (ID, STEP_ID)	
Business rules	n/a			
Implementation rules	/register-documents/register-document/procedural-data/procedural-step/procedural-step-date			
Comments	A very small number of duplicate rows has been removed to allow the creation of a primary key.			
Modification history				
Author of update	Date of update		Explanation of update	
M. Kracker	01.04.2015		Version 2.00	
M. Kracker	01.04.2016		Table and its attributes renamed	
M. Kracker	01.04.2019		Primary key added; Comment added	

5.25 REG301_EVENT_DATA: Event

This table contains information about typically legally relevant actions that have been taken place during the life of a patent application, mainly till the end of the opposition period. It can be seen as a kind of logbook.

Annual payments are only covered during the EPO patent grant procedure including the opposition period. More payments and legal events from EPO member states can be found in the INPADOC legal events (see table TLS231_INPADOC_LEGAL_EVENT in the database PATSTAT Legal Status).

REG301_EVENT_DATA			
ID		../.../bibliographic-data/@id	
EVENT_DATE		event-date/date	
EVENT_CODE		event-code	
BULLETIN_YEAR		gazette-reference/num	
BULLETIN_NR		gazette-reference/num	
BULLETIN_DATE		gazette-reference/date	
Primary key	ID, EVENT_DATE, EVENT_CODE		
Foreign key	EVENT_CODE	REFERENCES	REG402_EVENT_TEXT (EVENT_CODE)
Foreign key	ID	REFERENCES	REG101_APPLN (ID)
Business rules	n/a		
Implementation rules	/register-documents/register-document/events-data/dossier-event		
Comments	n/a		
Modification history			
Author of update	Date of update	Explanation of update	
M. Kracker	01.04.2015	Version 2.00	
M. Kracker	01.04.2016	Attribute EVENT_TEXT_ID removed; Foreign key changed.	

5.26 REG402_EVENT_TEXT: Event text

This reference table contains the event text codes of table REG301_EVENT_DATE and the clear text description of these events.

REG402_EVENT_TEXT			
	EVENT_CODE	event-code	
	EVENT_TEXT	event-text	
	Primary key	EVENT_CODE	
	Foreign key		REFERENCES
Business rules	n/a		
Implementation rules	/register-documents/register-document/events-data/dossier-event/		
Comments	n/a		
Modification history			
Author of update	Date of update	Explanation of update	
M. Kracker	01.04.2015	Version 2.00	
M. Kracker	01.04.2016	Foreign key changed.	
M. Kracker	01.10.2017	Primary key changed	

5.27 REG403_APPLN_STATUS: Application Status

This reference table contains the label for each application status.

REG403 APPLN STATUS			
	STATUS		ep-patent-status @status-code
	STATUS_TEXT		ep-patent-status/.
	Primary key		STATUS
	Foreign key		
		REFERENCES	
Business rules		register-documents/register-document/ep-patent-statuses	
Implementation rules		/register-documents/register-document/bibliographic-data/invention-title	
Comments		n/a	
Modification history			
Author of update		Date of update	Explanation of update
M. Kracker		01.010.2017	New table

5.28 REG701_APPLN: Unitary patent

This table contains EP patent application numbers having unitary patent data.

REG701_APPLN				
	ID		../bibliographic-data/@id	
	STATUS		unitary-patent-statuses/unitary-patent-status[1]/@status-code	
	Primary key		ID	
	Foreign key		STATUS	REFERENCES
Business rules		n/a		
Implementation rules		/register-documents/register-document/unitary-patent		
Comments		For EP patents having unitary patent data the current status is retrieved from the first child element of <unitary-patent-statuses> element.		
Modification history				
Author of update		Date of update		Explanation of update
K. Baumeister		30.01.2024		First Version 3.18

5.29 REG705_PLACES_OF_BUSINESS: Unitary patent

This table contains the places of business of unitary patents.

REG705_PLACES_OF_BUSINESS				
	ID	../../bibliographic-data/@id		
	SET_SEQ_NR	calculated descending “set” number		
	IS_LATEST	calculated, ‘Y’ if it belongs to latest otherwise ‘N’		
	CHANGE_DATE	../@change-date		
	BULLETIN_YEAR	../@change-gazette-num		
	BULLETIN_NR	../@change-gazette-num		
	SEQ_NR	@sequence		
	ADDRESS_1	addressbook/address/address-1		
	ADDRESS_2	addressbook/address/address-2		
	ADDRESS_3	addressbook/address/address-3		
	ADDRESS_4	addressbook/address/address-4		
	ADDRESS_5	addressbook/address/address-5		
	COUNTRY	addressbook/address/country		
Primary key	ID, SET_SEQ_NR, SEQ_NR			
Foreign key	ID	REFERENCES	REG701_APPLN (ID)	
Business rules	n/a			
Implementation rules	/register-documents/register-document/unitary-patent/places-of-business/place-of-business			
Comments	n/a			
Modification history				
Author of update	Date of update	Explanation of update		
K. Baumeister	30.01.2024	First Version 3.18		

5.30 REG707_PARTIES: proprietor, inventor, legal representative

This table contains proprietors, inventors and legal representatives of unitary patents.

REG707_PARTIES			
ID		../../../../../bibliographic-data/@id	
SET_SEQ_NR		calculated descending “set” number	
IS_LATEST		calculated, ‘Y’ if it belongs to latest otherwise ‘N’	
CHANGE_DATE		../@change-date	
BULLETIN_YEAR		../@change-gazette-num	
BULLETIN_NR		../@change-gazette-num	
TYPE		‘A’, if type = applicant ‘I’, if type = inventor ‘R’, if type = agent	
WISHES_TO_BE_PUBLISHED		@wishes-to-be-published	
SEQ_NR		@sequence	
DESIGNATION		@designation	
CUSTOMER_ID		addressbook/@cdsid	
NAME		addressbook/name	
ADDRESS_1		addressbook/address/address-1	
ADDRESS_2		addressbook/address/address-2	
ADDRESS_3		addressbook/address/address-3	
ADDRESS_4		addressbook/address/address-4	
ADDRESS_5		addressbook/address/address-5	
COUNTRY		addressbook/address/country	
Primary key		ID, SET_SEQ_NR, TYPE, SEQ_NR	
Foreign key		ID	REFERENCES REG701_APPLN (ID)
Business rules		n/a	
Implementation rules		/register-documents/register-document/unitary-patent/parties/types/type, while types/type is a placeholder for • applicants/applicant • inventors/inventor • agents/agent	
Comments		Currently the <unitary-patent><parties> element does not contain <inventors> elements in EP register ST.36 xml data. Inventors have to be identical between EP phase and UP phase. Therefore inventors are found in REG107_PARTIES, but not in REG707_PARTIES.	
Modification history			
Author of update		Date of update	Explanation of update
K. Baumeister		30.01.2024	First Version 3.18

5.31 REG711_LICENSEE: Unitary patent

This table contains information about licensees and rights in rem for unitary patents.

REG711_LICENSEE				
	ID	../../bibliographic-data/@id		
	CHANGE_DATE	../@change-date		
	BULLETIN_YEAR	../@change-gazette-num		
	BULLETIN_NR	../@change-gazette-num		
	LICENSEE_SEQ_NR	@sequence		
	TYPE_LICENSE	@type-license		
	DESIGNATION	@designation		
	VALID_DATE	date		
	CUSTOMER_ID	addressbook/address/@cdsid		
	NAME	addressbook/address/name		
	ADDRESS_1	addressbook/address/address-1		
	ADDRESS_2	addressbook/address/address-2		
	ADDRESS_3	addressbook/address/address-3		
	ADDRESS_4	addressbook/address/address-4		
	ADDRESS_5	addressbook/address/address-5		
	COUNTRY	addressbook/address/country		
	Primary key	ID, BULLETIN_YEAR, BULLETIN_NR, LICENSEE_SEQ_NR		
	Foreign key	ID	REFERENCES	REG701_APPLN (ID)
Business rules	If LICENSEE_SEQ_NR = 'deleted', then 'DESIGNATION' must be 'all'.			
Implementation rules	/register-documents/register-document/unitary-patent/licensee-data/licensee			
Comments	In case of changes or corrections multiple records might occur.			
Modification history				
Author of update	Date of update	Explanation of update		
K. Baumeister	30.01.2024	First Version 3.18		

5.32 REG712_LICENSEE_STATES: Unitary patent

This table contains the countries for which a license is valid.

REG712_LICENSEE_STATES			
ID	.././.././.././bibliographic-data/@id		
BULLETIN_YEAR	.././.././@change-gazette-num		
BULLETIN_NR	.././.././@change-gazette-num		
LICENSEE_SEQ_NR	.././.././@sequence		
LICENSEE_COUNTRY	.		
Primary key	None		
Foreign key	ID, BULLETIN_YEAR, BULLETIN_NR, LICENSEE_SEQ_NR	REFERENCES	REG711_LICENSEE (ID, BULLETIN_YEAR, BULLETIN_NR, LICENSEE_SEQ_NR)
Business rules	n/a		
Implementation rules	/register-documents/register-document/unitary-patent/licensee-data/licensee/effective-in/country		
Comments	Licenses which are valid only in a subset of the countries where the patent is valid can be identified in this way: in table REG111_LICENSEE these licenses have the value 'as-indicated' in attribute DESIGNATION.		
Modification history			
Author of update	Date of update	Explanation of update	
K. Baumeister	30.01.2024	First Version 3.18	

5.33 REG714_DATES: Unitary patent

This table contains some dates of unitary patents.

REG714_DATES				
ID		../.../bibliographic-data/@id		
BULLETIN_YEAR		@change-gazette-num		
BULLETIN_NR		@change-gazette-num		
DATE_TYPE		(see implementation rules)		
EVENT_DATE		date		
CAUSE_INTERRUPTION		@cause (only for DATE_TPYE=PRCITR)		
CONVERTED_TO_COUNTRY		country		
Primary key		ID		
Foreign key		STATUS	REFERENCES	REG741_APPLN_STATUS (STATUS)
Business rules				
Implementation rules		Within /register-documents/register-document/unitary-patent/, the sub element is defined by the DATE_TYPE • PRCITR /dates-rights-effective/proceedings-interrupted • PRCRES /dates-rights-effective/proceedings-resumed		
Comments		n/a		
Modification history				
Author of update		Date of update	Explanation of update	
K. Baumeister		30.01.2024	First Version 3.18	

5.34 REG721_PROC_STEP: Unitary patent

This table contains information about procedural data published in the UP chapter of EP register.

REG721_PROC_STEP			
ID		../.../bibliographic-data/@id	
STEP_ID		@id	
STEP_PHASE		@procedure-step-phase	
STEP_CODE		procedural-step-code	
STEP_RESULT		procedural-step-result	
STEP_RESULT_TYPE		procedural-step-result/@step-result-type	
STEP_COUNTRY		procedural-step-affected-states/country	
TIME_LIMIT		time-limit	
TIME_LIMIT_UNIT		time-limit/@time-limit-unit	
BULLETIN_YEAR		gazette-reference/gazette-num	
BULLETIN_NR		gazette-reference/gazette-num	
Primary key		ID, STEP_ID	
Foreign key		ID	REFERENCES REG701_APPLN (ID)
Business rules		n/a	
Implementation rules		/register-documents/register-document/unitary-patent/procedural-data/procedural-step	
Comments			
Modification history			
Author of update		Date of update	Explanation of update
K. Baumeister		30.01.2024	First Version 3.18

5.35 REG722_PROC_STEP_TEXT: Unitary patent

This table contains a short explanation or more detailed information about the procedural step (see table REG721_PROC_STEP).

REG722_PROC_STEP_TEXT			
	ID	../...../bibliographic-data/@id	
	STEP_ID	../@id	
	STEP_TEXT	.	
	STEP_TEXT_TYPE	@step-text-type	
	Primary key	ID, STEP_ID, STEP_TEXT_TYPE	
	Foreign key	ID, STEP_ID	REFERENCES
Business rules	n/a		
Implementation rules	/register-documents/register-document/unitary-patent/procedural-data/procedural-step/procedural-step-text		
Comments			
Modification history			
Author of update	Date of update	Explanation of update	
K. Baumeister	30.01.2024	First Version 3.18	

5.36 REG723_PROC_STEP_DATE: Unitary patent

This table contains the dates of a procedural step (see table REG721_PROC_STEP).

REG723_PROC_STEP_DATE			
ID		../...../bibliographic-data/@id	
STEP_ID		../@id	
STEP_DATE		date	
STEP_DATE_TYPE		@step-date-type	
Primary key		ID, STEP_ID, STEP_DATE, STEP_DATE_TYPE	
Foreign key		ID, STEP_ID	REFERENCES REG721_PROC_STEP (ID, STEP_ID)
Business rules		n/a	
Implementation rules		/register-documents/register-document/unitary-patent/procedural-data/procedural-step/procedural-step-date	
Comments			
Modification history			
Author of update		Date of update	Explanation of update
K. Baumeister		30.01.2024	First Version 3.18

5.37 REG731_EVENT_DATA: Unitary patent

This table contains information about legal events of unitary patents.

REG731_EVENT_DATA				
	ID		../...../bibliographic-data/@id	
	EVENT_DATE		event-date/date	
	EVENT_CODE		event-code	
	BULLETIN_YEAR		gazette-reference/num	
	BULLETIN_NR		gazette-reference/num	
	BULLETIN_DATE		gazette-reference/num	
	Foreign key	ID	REFERENCES	REG701_APPLN (ID)
Foreign key	EVENT_CODE	REFERENCES	REG742_EVENT_TEXT (EVENT_CODE)	
Business rules		n/a		
Implementation rules		/register-documents/register-document/unitary-patent/events-data/dossier-event		
Comments				
Modification history				
Author of update		Date of update	Explanation of update	
K. Baumeister		30.01.2024	First Version 3.18	

5.38 REG741_APPLN_STATUS: Unitary patent status

This reference table contains the label for each unitary patent status.

REG741_APPLN_STATUS			
	STATUS		@status-code
	STATUS_TEXT		.
	Primary key	STATUS	
	Foreign key		REFERENCES
Business rules		n/a	
Implementation rules		/register-documents/register-document/unitary-patent/unitary-patent-statuses/unitary-patent-status	
Comments			
Modification history			
Author of update		Date of update	Explanation of update
K. Baumeister		30.01.2024	First Version 3.18

5.39 REG742_EVENT_TEXT: Unitary patent events

This reference table contains the event text codes of table REG731_EVENT_DATA and the clear text description of these events.

REG742_EVENT_TEXT				
	EVENT_CODE		event-code	
	EVENT_TEXT		event-text	
	Primary key		EVENT_CODE	
	Foreign key			REFERENCES
Business rules		n/a		
Implementation rules		/register-documents/register-document/unitary-patent/events-data/dossier-event		
Comments				
Modification history				
Author of update		Date of update		Explanation of update
K. Baumeister		30.01.2024		First Version 3.18

6 Attribute descriptions

For each of the attributes the source database is EP Register. Exception: For the attribute APPLN_ID the source database is DOCDB.

6.1 ADDRESS_1, ADDRESS_2, ADDRESS_3, ADDRESS_4, ADDRESS_5

Name: Address line 1, Address line 2, Address line 3, Address line 4, Address line 5

Tables: REG107_PARTIES, REG111_LICENSEE, REG705_PLACES_OF_BUSINESS, REG707_PARTIES, REG711_LICENSEE

Description: First / Second / Third / Forth / Fifth address line of a person

Default value: empty

Domain: string up to 255 characters

Source field name

```
<addressbook>
  <name>Kofuji, Shiro</name>
  <address>
    <address-1>c/o Hitachi, Ltd.</address-1>
    <address-2>Intellectual Property Group</address-2>
    <address-3>12th Floor, Marunochi Center Building</address-3>
    <address-4>Marunochi 1-chome</address-4>
    <address-5>Chiyoda-ku, Tokyo 100-8220</address-5>
    <country>JP</country>
  </address>
</addressbook>
```

Comments

Note: In PATSTAT Online these attributes are not populated.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Comment added;

K. Baumeister – 2024-01-30 – UP tables added

6.2 AGENT_ADDRESS_1, AGENT_ADDRESS_2, AGENT_ADDRESS_3, AGENT_ADDRESS_4, AGENT_ADDRESS_5

Name: Opponent's agent address line 1, 2, 3, 4 or 5

Table: REG130_OPPONENT

Description: First / Second / Third / Forth / Fifth address line of the opponent's agent

Default value: empty string

Domain: string up to 255 characters

Source field name

```
<opponent sequence="01">
  <agent rep-type="agent" sequence="1">
    <addressbook>
      <name>Laminger, Norbert</name>
      <address>
```



```

        <address-1>Pinter, Laminger & Weiss OG Patentanwälte
        Prinz-Eugen-Strasse</address-1>
        <address-2>70</address-2>
        <address-3>1040 Wien</address-3>
        <country>AT</country>
    </address>
</addressbook>
</agent>

```

Comments

Note: In PATSTAT Online these attributes are not populated.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Comment added;
Attributes for 3rd, 4th and 5th address line added

6.3 AGENT_COUNTRY

Name: Country/territory of opponent's agent address

Table: REG130_OPPONENT

Description: The two-letter country/territory code of the opponent's agent

Default value: empty string

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#)

Source field name

```

<opponent sequence="01">
    <agent rep-type="agent" sequence="1">
        <addressbook>
            <name>Laminger, Norbert</name>
            <address>
                <address-1>Pinter, Laminger & Weiss OG Patentanwälte
                Prinz-Eugen-Strasse</address-1>
                <address-2>70</address-2>
                <address-3>1040 Wien</address-3>
                <country>AT</country>
            </address>
        </addressbook>
    </agent>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2020-04-01 – Amendment of description

6.4 AGENT_NAME

Name: Name of opponent's agent

Table: REG130_OPPONENT

Description: The name of the opponent's agent

Default value: empty string

Domain: string up to 255 characters

Source field name

```
<opponent sequence="01">
  <agent rep-type="agent" sequence="1">
    <addressbook>
      <name>Laminger, Norbert</name>
      ...
    </agent>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.5 APPEAL_DATE

Name: Date when the appeal was filed

Table: REG125_APPEAL

Description: Date when the appeal was filed

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<ep-appeal-data appeal-num="T0848/07-3201" appeal-phase="opposition">
  <date>20070503</date>
  <ep-appeal-result date="20070618">WITHDRAWAL OF APPEAL OF THE
  OPPONENT</ep-appeal-result>
</ep-appeal-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.6 APPEAL_NR

Name: The appeal number

Table: REG125_APPEAL, REG127_PETITION_RVW

Description: The appeal number allocated to this appeal *or* the number of the appeal that is subject of this petition for review

Default value: empty string

Domain: string up to 20 characters

Source field name

Appeal case – see table REG125 APPEAL

```
<ep-appeal-data appeal-num="T0848/07-3201" appeal-phase="opposition">
<date>20070503</date>
  <ep-appeal-result date="20070618">WITHDRAWAL OF APPEAL OF THE
  OPPONENT</ep-appeal-result>
</ep-appeal-data>
```

Petition for review on an appeal case – see table REG127 PETITION RVW

```
<ep-petition-review petition-review-num="R0004/10">
  <ep-petition-review-appeal-number>T0880/08-3503</ep-petition-review-
  appeal-number>
  <ep-petition-review-date>
    <date>20100416</date>
  </ep-petition-review-date>
  <ep-petition-review-petitioner-code>APPR</ep-petition-review-petitioner-
  code>
  <ep-petition-review-decision-date>
    <date>20100927</date>
  </ep-petition-review-decision-date>
  <ep-petition-review-kind>WITHDRAWAL OF THE PETITION FOR REVIEW</ep-
  petition-review-kind>
</ep-petition-review>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed (was: APPEAL_NUMBER)

6.7 APPLN_AUTH

Name: Application authority

Table: REG101_APPLN, REG118_PREV_FILED_APPLN

Description: Office where the application has been filed. In table REG101_APPLN this attribute is always 'EP', because the scope of this database is European patents.

Default value: n/a

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#)

Source field name

```
<application-reference change-gazette-num="2000/28">
  <document-id>
    <country>EP</country>
    <doc-number>00102538</doc-number>
    <date>19920826</date>
  </document-id>
</application-reference>
```

Comments

In table REG101_APPLN this attribute is always 'EP', because the scope of this database is European patents.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-10-01 – Description changed

M. Kracker – 2017-04-01 – Clarification in description and domain

6.8 APPLN_DATE

Name: Application filing date

Table: REG118_PREV_FILED_APPLN

Description: Date when the application was filed

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<previously-filed-application change-gazette-num="2010/06">
  <document-id document-id-type="previously filed application">
    <country>WO</country>
    <doc-number>2006IB04269</doc-number>
    <kind>A1</kind>
    <date>20061109</date>
  </document-id>
</previously-filed-application>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.9 APPLN_FILING_DATE

Name: Application filing date

Table: REG101_APPLN

Description: Date on which the application was received at the Patent Authority. The filing date for EURO-PCT is always the PCT filing date.

Default value: 9999-12-31 (= unknown date)

Domain: Date (up to 9999-12-31)

Source field name

```
<application-reference change-gazette-num="2000/28">
  <document-id>
    <country>EP</country>
    <doc-number>00102538</doc-number>
    <date>19920826</date>
  </document-id>
</application-reference>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.10 APPLN_ID

Name: Application identifier

Table: REG101_APPLN

Description: Application Identifier

- APPLN_ID > 0 indicates that this application is either
 - an EP direct application or
 - a PCT international application which has entered the EP regional phase (EURO-PCT).You can link to the corresponding EP application in the PATSTAT Global database via the attribute APPLN_ID which occurs in both databases.
- APPLN_ID = 0 indicates that this application has *not* entered the EP regional phase. Therefore the PATSTAT Global database does not contain a corresponding EP application.

Default value: 0

Domain: Number, 0 ... 999 999 999

Source database: DOCDB

Source field name:

```
<exch:application-reference is-representative="NO" doc-id="57179392" data-  
format="docdb">  
<document-id>  
  <country>EP</country>  
  <doc-number>08842954</doc-number>  
  <kind>A</kind>  
  <date>20081024</date>  
</document-id>
```

Comments

PATSTAT Global data is a subscription product that must be purchased separately from the EPO. It is, however, included in PATSTAT Online.

See also section 4.2 “Linking PATSTAT EP Register with PATSTAT Global”.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.11 APPLN_NR

Name: Application number

Table: REG101_APPLN, REG118_PREV_FILED_APPLN

Description: Application number as issued by the application authority

Default value: n/a

Domain: string of 8 digits, e. g. '00123456'.

Leading zeros are significant.

Source field name

```
<application-reference change-gazette-num="2000/28">
  <document-id>
    <country>EP</country>
    <doc-number>00102538</doc-number>
    <kind>A</kind>
    <date>19920826</date>
  </document-id>
</application-reference>
```

Comments

Note that the attribute must not be a numerical attribute but a text string attribute because leading zeros are significant.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.12 BIO_DEPOSIT

Name: Indicator for a deposit of biological material

Table: REG101_APPLN

Description: An indicator telling whether one or more deposits of biological material have been made (R.32 EPC) or not.

Default value: n/a

Domain: 1 ASCII character: Y or N

Source field name

The value Y is assigned if one XML tag `bio_deposit/dtext` contains “one or more deposits”, otherwise N.

```
<bio-deposit num="">
  <depositary/>
  <bio-accno/>
  <dtext>one or more deposits</dtext>
</bio-deposit>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-10-01 – Version 3.00

6.13 BULLETIN_DATE

Name: Bulletin date

Table: REG301_EVENT_DATA, REG731_EVENT_DATA

Description: For events that have also been published in the bulletin: date of publication in the bulletin

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<events-data>
  <dossier-event event-type="new" id="EVT_755153">
    <event-date>
      <date>20000811</date>
    </event-date>
    <event-code>0009012</event-code>
    <event-text event-text-type="DESCRIPTION">Publication in section I.1
EP Bulletin</event-text>
    <gazette-reference>
      <gazette-num>2000/39</gazette-num>
      <date>20000927</date>
    </gazette-reference>
  </dossier-event>
</events-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.14 BULLETIN_NR

Name: The issue number of the EPO Bulletin

Table: multiple tables; for details see attribute BULLETIN_YEAR

Description: For actions that have been published in the EPO Bulletin: The Bulletin number indicates the calendar week the Bulletin has been published

Default value: 0 (= not published or not known)

See attribute BULLETIN_YEAR to get a list of tables which may contain the BULLETIN_NR.

Domain: Number, 0 .. 53

The default value is only used and is always used if the attribute BULLETIN_YEAR is 0.

Source field name

```
<events-data>
  <dossier-event event-type="new" id="EVT_755153">
    <event-date>
      <date>20000811</date>
    </event-date>
    <event-code>0009012</event-code>
    <event-text event-text-type="DESCRIPTION">Publication in section I.1
EP Bulletin</event-text>
    <gazette-reference>
      <gazette-num>2000/39</gazette-num>
      <date>20000927</date>
    </gazette-reference>
  </dossier-event>
</events-data>
```

Comments

Its format should always be WW, except value 0 when not provided (input is empty or N/P).

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.15 BULLETIN_YEAR

Name: The year number of the EPO Bulletin

Table: multiple tables; details see below

Description: For actions that have been published in the EPO Bulletin: The year of the publication in the bulletin.

Default value: 0 (= not published or known)

Domain: 0 or a 4-digit number representing YYYY

The attributes BULLETIN_YEAR and BULLETIN_NR always contain a value which is not the default value in these tables:

- REG113_TERMS_OF_GRANT
- REG118_PREV_FILED_APPLN

The attributes BULLETIN_YEAR and BULLETIN_NR may contain a non-default value which in these tables. If not, the default value is used.

- REG102_PAT_PUBLN
- REG103_IPC
- REG106_PRIOR
- REG107_PARTIES
- REG108_APPLICANT_STATES
- REG109_DESIGNATED_STATES
- REG110_TITLE
- REG111_LICENSEE
- REG112_LICENSEE_STATES
- REG114_DATES
- REG130_OPPONENT
- REG135_TEXT
- REG136_SEARCH_REPORT
- REG201_PROC_STEP
- REG301_EVENT_DATA
- REG705_PLACES_OF_BUSINESS
- REG707_PARTIES
- REG711_LICENSEE
- REG712_LICENSEE_STATES
- REG714_DATES
- REG721_PROC_STEP
- REG731_EVENT_DATA

Source field name

<events-data>


```

<dossier-event event-type="new" id="EVT_755153">
  <event-date>
    <date>20000811</date>
  </event-date>
  <event-code>0009012</event-code>
  <event-text event-text-type="DESCRIPTION">Publication in section I.1
EP Bulletin</event-text>
  <gazette-reference>
    <gazette-num>2000/39</gazette-num>
    <date>20000927</date>
  </gazette-reference>
</dossier-event>
</events-data>

```

Comments

Its format should always be YYYY, except value 0 when not provided (input is empty or N/P).

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.16 CAUSE_INTERRUPTION

Name: Reason for interruption of proceedings

Table: REG114_DATES, REG714_DATES

Description: Reason for the interruption of proceedings (R.142 EPC)

Default value: NA

Domain: 2 ASCII characters

NA	not applicable or unknown
DA	death of applicant
DR	death of representative
IA	legal incapacity of applicant
IR	legal incapacity of representative
PA	legal prevention of applicant
PR	legal prevention of representative

Source field name

```

<proceedings-interrupted cause=" Interruption of proceedings, reason:
representative died (R90(1C)) ">
  <date>20020501</date>
</proceedings-interrupted>

```

Comments

This attribute is only set to a non-default value if attribute DATE_TYPE = PRCITR, meaning “Proceedings interrupted”

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute renamed (was: CAUSE);
Numeric codes replaced by mnemonic codes

M. Kracker – 2021-04-01 – New code PR added

K. Baumeister – 2024-01-30 – UP tables added

6.17 CHANGE_DATE

Name: Date of change

Table: REG103_IPC, REG106_PRIOR, REG107_PARTIES,
REG109_DESIGNATED_STATES, REG110_TITLE, REG111_LICENSEE,
REG113_TERMS_OF_GRANT, REG130_OPPONENT, REG135_TEXT,
REG705_PLACES_OF_BUSINESS, REG707_PARTIES, REG711_LICENSEE

Description: The date when the data has been changed in the respective IT application of the EPO.

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name:

The XML attribute “change-date within the respective XML element, e. g.:

```
<agents change-gazette-num="2000/31" change-date="20000616">
```

Comments

The change date is the date the update takes place in RegDB database, actually the moment when the record was saved in the database.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-10-01 – Version 3.00

M. Kracker – 2016-04-01 – Comment added

K. Baumeister – 2024-01-30 – UP tables added

6.18 CHILD_ID

Name: ID identifying a related child application

Table: REG117_RELATION

Description: A technical identifier (surrogate key) for a child application.

Default value: n/a

Domain: Number 1 ... 999 999 999

Source field name

Derived from /register-documents/register-document/bibliographic-data/related-documents/xxx/relation/**child-doc**/document-id
(xxx being division or continuation)

```
<related-documents>  
  <division>  
    <relation>  
      <parent-doc>  
        <document-id>
```

```

        <country/>
        <doc-number/>
    </document-id>
</parent-doc>
<child-doc>
    <document-id document-id-type="application number">
        <country>EP</country>
        <doc-number>20050005154</doc-number>
        <kind>D</kind>
    </document-id>
    <document-id document-id-type="publication number">
        <country>EP</country>
        <doc-number>1541284</doc-number>
        <kind>D</kind>
    </document-id>
</child-doc>
</relation>
</division>
</related-documents>

```

Comments

A child application is related to its parent application. The type of the relation is given by attribute `RELATION_TYPE`.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-10-01 – Version 3.00

6.19 CONVERTED_TO_COUNTRY

Name: The office (country) to which the application was converted into a national application

Table: REG114_DATES, REG714_DATES

Description: The office (country) to which the application was converted into a national application

Default value: empty string

Domain: up to about 100 ASCII characters, consisting of an alphabetically ordered list of 2-character codes (according to WIPO ST.3), with each code separated by a comma ",":

Examples: 'AT' or 'ES, IT' or 'DE, FR, GB, IT, NL, SE'

Source field name

```

<dates-rights-effective>
    <request-for-examination change-gazette-num="2001/46">
        <date>20010803</date>
    </request-for-examination>
    <request-for-conversion-to-national-application change-gazette-
num="2002/24">
        <date>20050504</date>
        <country>AT/BE/CH/CY/DE/DK/ES/FI/FR/GB/GR/IE/IT/LI/LU/MC/NL/PT/SE</c
ountry>
    </request-for-conversion-to-national-application>
</dates-rights-effective>

```

Comments

This attribute is only set to a non-default value if attribute DATE_TYPE = REQCNV, meaning "Request for conversion to national application"

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute renamed (was: DATES_RIGHTS_COUNTRY)

M. Kracker – 2016-10-01 – Separator character was changed to comma

M. Kracker – 2020-04-01 – Amendment of description and domain

K. Baumeister – 2024-01-30 – UP tables added

6.20 COUNTRY

Name: Country/territory code

Table: REG107_PARTIES, REG108_APPLICANT_STATES, REG111_LICENSEE, REG705_PLACES_OF_BUSINESS, REG707_PARTIES, REG711_LICENSEE

Description: Two-letter country/territory code for patent parties (applicant/inventor/agent), designated states of applicant, or country of licensees

Default value: empty

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#) (plus minor additions)

Source field name for COUNTRY in REG107_PARTIES and REG111_LICENSEE

```
<addressbook>
  <name>NEC Corporation</name>
  <address>
    <address-1>7-1, Shiba 5-chome Minato-ku</address-1>
    <address-2>Tokyo 108-8001</address-2>
    <country>JP</country>
  </address>
</addressbook>
```

Source field name for COUNTRY in REG108_APPLICANT_STATES

```
<applicant app-type="applicant" designation="as-indicated" sequence="2">
  <addressbook cdsid="1 01489041">
    <name>PHILIPS ELECTRONICS N.V.</name>
    <address>
      <address-1>Groenewoudseweg 1</address-1>
      <address-2>NL-5621 BA Eindhoven</address-2>
      <country>NL</country>
    </address>
  </addressbook>
  <nationality>
    <country/>
  </nationality>
  <residence>
    <country/>
  </residence>
  <designated-states>
    <country>DE</country>
    <country>GB</country>
    <country>IT</country>
  </designated-states>
</applicant>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2019-04-01 – Domain extended

M. Kracker – 2020-04-01 – Amendment of description and domain

K. Baumeister – 2024-01-30 – UP tables added

6.21 CUSTOMER_ID

Name: Customer Identifier

Table: REG107_PARTIES, REG111_LICENSEE, REG130_OPPONENT, REG707_PARTIES, REG711_LICENSEE

Description: The identifier of a customer, which can be a legal or natural person. If a customer has several roles (applicant, inventor, representative, licensee, opponent) he usually has several CUSTOMER_IDs.

Default value: empty

Domain: 10 (max. 20) digits and/or spaces

Source field name

```
<addressbook cdsid="0100726491">
  <name>Bioalliance Pharma</name>
  <address>
    <address-1>49, boulevard du Général Martial Valin 1st
Floor</address-1>
    <address-2>75015 Paris</address-2>
    <country>FR</country>
  </address>
</addressbook>
```

Comments

Not every person has a CUSTOMER_ID assigned. A first analysis (2015 Autumn version) shows that a CUSTOMER_ID value is assigned to all applicants and legal representatives. Persons which are only inventors (and not e. g. also applicants) do not have a CUSTOMER_ID.

There also seem to be a CUSTOMER_ID for opponents.

Every named licensee has as CUSTOMER_ID, but only a minority of entries in table REG111_LICENSEE contain a licensee name.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-10-01 – Version 3.00

K. Baumeister – 2024-01-30 – UP tables added

6.22 DATE_DISPATCH_ALLOWANCE

Name: The dispatch date of the intention to limit the patent

Table: REG128_LIMITATION

Description: The date of dispatch of the intention to limit the patent

Default value: n/a

Domain: Date

Source field name

```
<ep-limitation-procedure>
  <ep-limitation-filing>
    <ep-limitation-filing-date>
      <date>20090123</date>
    </ep-limitation-filing-date>
    <ep-limitation-filing-decision>
      <text>admissible</text>
    </ep-limitation-filing-decision>
  </ep-limitation-filing>
  <ep-limitation-allowed>
    <ep-limitation-request-dispatch-date>
      <date>20090508</date>
    </ep-limitation-request-dispatch-date>
    <ep-limitation-request-pay-date>
      <date>20090806</date>
    </ep-limitation-request-pay-date>
  </ep-limitation-allowed>
</ep-limitation-procedure>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.23 DATE_DISPATCH_REJECTION

Name: The date of dispatch of the decision to reject the request for limitation

Table: REG128_LIMITATION

Description: The date of dispatch of the decision to reject the request for limitation

Default value: n/a

Domain: Date

Source field name

```
<ep-limitation-rejection-dispatch-date>
  <date>20090508</date>
</ep-limitation-rejection-dispatch-date>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.24 DATE_INTERLOC_REVISION

Name: Date when an interlocutory revision of the appeal took place

Table: REG125_APPEAL**Description:** Date when an interlocutory revision of the appeal took place.**Default value:** 9999-12-31**Domain:** Date (up to 9999-12-31)**Source field name**

```
<ep-date-interlocutory-revision>  
  <date>20090508</date>  
</ep-date-interlocutory-revision>
```

Comments

n/a

Modification history**Author of update** - Date of update - Explanation of update**M. Kracker** – 2015-04-01 – Version 2.00**6.25 DATE_LEGAL_EFFECT_REJECTION****Name:** The legal effect date of the rejection of the request for limitation**Table:** REG128_LIMITATION**Description:** The date of legal effect of the rejection of the request for limitation**Default value:** 9999-12-31**Domain:** Date (up to 9999-12-31)**Source field name**

```
<ep-limitation-rejection-legal-date>  
  <date>20090508</date>  
</ep-limitation-rejection-legal-date>
```

Comments

n/a

Modification history**Author of update** - Date of update - Explanation of update**M. Kracker** – 2015-04-01 – Version 2.00**6.26 DATE_OPP_FILED****Name:** The date this opposition was filed**Table:** REG130_OPPONENT**Description:** The date when this opposition was filed (R.143(1)(q) EPC)**Default value:** 9999-12-31**Domain:** Date (up to 9999-12-31)**Source field name**

```
<opposition-data change-gazette-num="2003/36">  
  <opponent sequence="01">  
    <date-opposition-filed>  
      <date>20030714</date>
```

```
        </date-opposition-filed>
    </opponent>
</opposition-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed

6.27 DATE_PAYMENT_ALLOWANCE

Name: The payment date of the publication fee of the new limited specification

Table: REG128_LIMITATION

Description: The date of payment of the fee for publishing the new patent specification, after a limitation procedure

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<ep-limitation-procedure>
  <ep-limitation-filing>
    <ep-limitation-filing-date>
      <date>20090123</date>
    </ep-limitation-filing-date>
    <ep-limitation-filing-decision>
      <text>admissible</text>
    </ep-limitation-filing-decision>
  </ep-limitation-filing>
  <ep-limitation-allowed>
    <ep-limitation-request-dispatch-date>
      <date>20090508</date>
    </ep-limitation-request-dispatch-date>
    <ep-limitation-request-pay-date>
      <date>20090806</date>
    </ep-limitation-request-pay-date>
  </ep-limitation-allowed>
</ep-limitation-procedure>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.28 DATE_STATE_GROUNDS_FILED

Name: Date when the statement of grounds for the appeal was filed

Table: REG125_APPEAL

Description: Date when the statement of grounds for the appeal was filed

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<ep-appeal-data appeal-num="T0022/04-3401" appeal-phase="examination">
  <date>20030924</date>
  <ep-date-statement-of-grounds-filed>
    <date>20031202</date>
  </ep-date-statement-of-grounds-filed>
  <ep-appeal-result date="20060704">APPEAL OF APPLICANT REJECTED</ep-appeal-
  result>
</ep-appeal-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.29 DATE_TYPE

Name: The type of a date

Table: REG114_DATES, REG714_DATES

Description: Defines the meaning of the date

Default value: n/a

Domain: 6 ASCII characters

DATE_TYPE	Description
RQEXAM	Request for examination; date when the request for examination was validly made (R.70(1) EPC)
FEXRRQ	First examination report requested; date of dispatch of the first communication from the examining division
PMNTAM	Patent maintained as amended; date of publication of the B2 document (patent maintained as amended) (R.82 EPC)
PRCITR	Proceedings interrupted; the date as of when the procedure was interrupted (R.142 EPC), with the cause of the interruption
PRCRES	Proceedings resumed; the date of resumption of the procedure resumed (R.14 und R.142 EPC)
PRCSUS	Proceedings suspended; date on which the procedure was suspended, with the reason for the suspension (R.14 EPC)
RQCONV	Req. for conversion to nat. application;

	date on which the application was converted into a national application (A.135 EP)
WDRWNA	Application withdrawn by applicant; date when the applicant withdrew his application (R.143(1)(n) EPC)
DWDRWN	Application deemed withdrawn; legal effect date when the application was deemed to be withdrawn (R.143(1)(n) EPC)
RQREVO	Request for revocation; data concerning the handling of the request for revocation of the patent filed by the proprietor (R.90 – R.95 EPC)
OPPNFI	Opposition not filed; date when the time limit for filing opposition expired (A.99(1) EPC)

Source field name:

The XML element to be used is defined in section 5.13 “REG114_DATES: Various dates”

Example:

```
<dates-rights-effective>
  <request-for-examination>
    <date>20011020</date>
  </request-for-examination>
  <first-examination-report-despatched>
    <date>20011020</date>
  </first-examination-report-despatched>
</dates-rights-effective>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-10-01 – Version 3.00

K. Baumeister – 2024-01-30 – UP tables added

6.30 DESIGNATED_STATES

Name: Designated states

Table: REG109_DESIGNATED_STATES

Description: List of designated states

Default value: n/a

Domain: up to about 150 ASCII characters, consisting of an alphabetically ordered list of 2-character codes (according to WIPO ST.3), with each code separated by a comma ",":

Examples: 'AT' or 'ES, IT' or 'DE, FR, GB, IT, NL, SE'

Source field name

```
<designation-of-states change-gazette-num="2000/42">
  <designation-pct>
    <regional>
      <region>
        <country>EP</country>
      </region>
    </regional>
  </designation-pct>
</designation-of-states>
```

```

        <country>AT</country>
        <country>BE</country>
        <country>CH</country>
        <country>CY</country>
        <country>DE</country>
        <country>DK</country>
        <country>ES</country>
        <country>FI</country>
        <country>FR</country>
        <country>GB</country>
        <country>GR</country>
        <country>IE</country>
        <country>IT</country>
        <country>LI</country>
        <country>LU</country>
        <country>MC</country>
        <country>NL</country>
        <country>PT</country>
        <country>SE</country>
    </regional>
</designation-pct>
</designation-of-states>

```

Comments

There are these types of designated states (see also attribute STATE_TYPE):

- Member states of the European Patent Convention (EPC) (R.143(1)(e) EPC)
- Extension states:
See also in table REG201_PROC_STEP attribute STEP_CODE = 'EXPT' and in section 7.11 "EXPT – Extension of patent to extension states".
- Validation states:
See also in table REG201_PROC_STEP attribute STEP_CODE = 'VAPT' and in section 7.43 "VAPT – Extension of patent to validation states".

For a list of former and current member, extension and validation states see <https://www.epo.org/about-us/foundation.html> .

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-10-01 – Domain has changed

M. Kracker – 2018-04-01 – Comment revised

M. Kracker – 2020-04-01 – Amendment of domain

6.31 DESIGNATION

Name: Type of designation

Table: REG107_PARTIES, REG111_LICENSEE, REG707_PARTIES, REG711_LICENSEE

Description: Type of designation

Default value: empty string

Domain: up to 12 characters: "all", "as-indicated" or the empty string.

The empty string occurs only in table REG107_PARTIES for inventors and representatives, because DESIGNATION is only applicable for applicants.

Source field name

Applicant case: see table REG107 PARTIES

```
<parties>
<applicants change-gazette-num="2005/48">
  <applicant app-type="applicant" designation="all" sequence="1">
    ...
  </applicant>
</applicants>
```

Licensee case: see table REG111 LICENSEE

```
<licensee-data change-gazette-num="2001/39">
  <licensee designation="all" sequence="01 00" type-license="exclusive">
    <addressbook>
      <name>Biosynexus Inc.</name>
      <address>
        <address-1>9610 Medical Center Drive, Suite
          100</address-1>
        <address-2>Rockville, Maryland 20852</address-2>
        <country>US</country>
      </address>
    </addressbook>
    <date>20010502</date>
  </licensee>
</licensee-data>
```

Comments

Example of an application with changing applicants and designated countries:

```
select * from reg107_parties
where id = 100549
and type = 'A' -- retrieve only applicants
order by set_seq_nr, seq_nr, country
```

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.32 EVENT_CODE

Name: The internal code used in the EPO to identify the kind of action

Table: REG301_EVENT_DATA, REG402_EVENT_TEXT, REG731_EVENT_DATA, REG742_EVENT_TEXT

Description: The internal code used in the EPO to identify the kind of action

Default value: n/a

Domain: up to 30 characters

Source field name

```
<events-data>
  <dossier-event event-type="new" id="EVT_755153">
    <event-date>
      <date>20000811</date>
    </event-date>
    <event-code>0009012</event-code>
  </dossier-event>
</events-data>
```

```

        <event-text event-text-type="DESCRIPTION">Publication in section I.1
EP Bulletin</event-text>
        <gazette-reference>
            <gazette-num>2000/39</gazette-num>
            <date>20000927</date>
        </gazette-reference>
    </dossier-event>
</events-data>

```

Comments

The EVENT_CODE contains some descriptive elements. When the following digits or letters are part of the code the meaning is:

9199	comes up before B1 publication	e.g. 000 9199 EPPI
9299	comes up after B1 publication	e.g. 000 9299 WDRA
N	New	e.g. EPIDOS N RFE2
C	Change	e.g. EPIDOS C RFE2
D	Delete	e.g. EPIDOS D RFE2

A list of all legal events can be view or downloaded as XML file from the EPO home page:
<https://register.epo.org/allEvents?lng=en>

Attention: This attribute EVENT_CODE must not be confused with the attribute EVENT_CODE of tables TLS231_INPADOC_LEGAL_EVENT and TLS803_LEGAL_EVENT_CODE, which both are in the PATSTAT Global database. There the codes are different and refer to legal events used in various offices, not just at the EPO.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Comment added

M. Kracker – 2017-04-01 – Comment amended

K. Baumeister – 2024-01-30 – UP tables added

6.33 EVENT_DATE (in table REG114_DATES)

Name: The date as defined by DATE_TYPE

Table: REG114_DATES

Description: The date corresponding to the DATE_TYPE attribute.

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

The meaning of this attribute depends on the DATE_TYPE attribute in table REG114_DATES.

Source field name

The XML element to be used is defined in section 5.13 “REG114_DATES: Various dates”

Example:

```

<dates-rights-effective>
    <request-for-examination>
        <date>20011020</date>
    </request-for-examination>
</dates-rights-effective>

```

```

    </request-for-examination>
    <first-examination-report-despatched>
      <date>20011020</date>
    </first-examination-report-despatched>
  </dates-rights-effective>

```

Comments

For date with DATE_TYPE = **WDRWNA**:

In case of a deletion of the previous withdrawal date, a new date '9999-12-31' will be issued.

For date with DATE_TYPE = **DWDRWN**:

In case of a deletion of the previous withdrawal date, a new date '9999-12-31' will be issued.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute renamed (was: DATE_RIGHTS_EFFECTIVE)

M. Kracker – 2016-04-01 – Attribute renamed (was: DATE)

6.34 EVENT_DATE (in table REG301_EVENT_DATA and REG731_EVENT_DATA)

Name: The date when the event was entered into the file

Table: REG301_EVENT_DATA, REG731_EVENT_DATA

Description: The date when the event was entered into the file, so it may differ from the effective legal/filing date of the event concerned.

Default value: n/a

Domain: Date

Source field name

```

<events-data>
  <dossier-event event-type="new" id="EVT_755153">
    <event-date>
      <date>20000811</date>
    </event-date>
    <event-code>0009012</event-code>
    <event-text event-text-type="DESCRIPTION">Publication in section I.1
EP Bulletin</event-text>
    <gazette-reference>
      <gazette-num>2000/39</gazette-num>
      <date>20000927</date>
    </gazette-reference>
  </dossier-event>
</events-data>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

6.35 EVENT_TEXT

Name: Description in clear text of the action

Table: REG402_EVENT_TEXT, REG742_EVENT_TEXT

Description: Description in clear text of the action

Default value: n/a

Domain: up to 255 characters

Source field name

```
<events-data>
  <dossier-event event-type="new" id="EVT_755153">
    <event-date>
      <date>20000811</date>
    </event-date>
    <event-code>0009012</event-code>
    <event-text event-text-type="DESCRIPTION">Publication in section I.1
EP Bulletin</event-text>
    <gazette-reference>
      <gazette-num>2000/39</gazette-num>
      <date>20000927</date>
    </gazette-reference>
  </dossier-event>
</events-data>
```

Comments

There are 2 possible EVENT_TEXT entries when the applicant/proprietor changes:

“Change – applicant” and “Change – name/address”.

Users should NOT infer that the “Change – applicant” event means a transfer of rights from one applicant to another. Even in case of a simple address change of an applicant a “Change – applicant” event and not a “Change – name/address” event might have been published.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.36 FILING_LG

Name: The language in which the application was filed

Table: REG101_APPLN

Description: The language in which the application was filed

Default value: empty

Domain: up to 2 characters, ISO 639-1 language codes

Source field name

```
<bibliographic-data country="EP" id="EP00102538P" lang="en" status="APPLICATION
DEEMED TO BE WITHDRAWN">
```

...
<language-of-filing>en</language-of-filing>

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.37 ID

Name: ID identifying an application

Table: all tables, except REG403_APPLN_STATUS, REG402_EVENT_TEXT, REG741_APPLN_STATUS and REG742_EVENT_TEXT

Description: A technical identifier (surrogate key) for an application, without business meaning. Its values will not change from one PATSTAT edition to the next.

Default value: n/a

Domain: Number 1 ... 999 999 999

Source field name

```
<register-document date-produced="20120213" dtd-version="1.0" lang="en"
produced-by="RO" status="EXAMINATION REQUESTED">
  <bibliographic-data country="EP" id="EP06798168P" lang="en"
status="EXAMINATION REQUESTED">
```

The ID is a number derived from the XML attribute “id” without the prefix EP and without the suffix P.

Comments

This attribute holds a numerical value which – in this special case - corresponds to the application number of the EP patent, whereby, leading zeros are ignored. Therefore its value is stable, which means that a certain EP application has the same value in attribute ID in all past and future PATSTAT editions.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2017-04-01 – Commend added

K. Baumeister – 2024-01-30 – UP tables added

6.38 INTERNAT_APPLN_ID

Name: Application ID of the international application (i.e. PCT application)

Table: REG101_APPLN

Default value: 0

Domain: 0 .. 999 999 999

Source field name

This value is computed based on

- table REG101_APPLN, attribute INTERNAT_APPLN_NR and
- table TLS201_APPLN, attributes APPLN_NR_EPODOC and INTERNAT_APPLN_ID

Comments

This attribute allows for each PCT application in PATSTAT EP Register to easily retrieve the corresponding PCT application in PATSTAT Global. You just have to join the non-zero values of attribute REG101_APPLN.INTERNAT_APPLN_ID with the attribute TLS201_APPLN.APPLN_ID.

This also works for PCT applications in PATSTAT EP Register which have not (yet) entered the EP regional phase, and whose attribute APPLN_ID therefore is 0 (the default value). For more information see section 4.2 "Linking PATSTAT EP Register with PATSTAT Global".

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2017-04-01 – New attribute

6.39 INTERNAT_APPLN_NR

Name: International application number

Table: REG101_APPLN

Default value: empty string

Domain: up to 15 characters

Unless this attribute is empty, it will have the format WO<yyyy><cc>nnnn..n

Source field name

```
<application-reference>
  <document-id>
    <country>WO</country>
    <doc-number>WO2012CN74875</doc-number>
  </document-id>
</application-reference>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.40 IPC_TEXT

Name: IPC classification of the patent as a class string

Table: REG103_IPC

Description: IPC classification of the patent as a class string

Default value: empty

Domain: Up to about 500 characters

Source field name

```
<classifications-ipcr change-gazette-num="2000/32">
  <classification-ipcr id="CLASSIFICATION_3008">
    <text>C07C69/38, C07C67/11</text>
  </classification-ipcr>
</classifications-ipcr>
```

Comments

The <text> element can contain 0 to n IPC symbols.

The data is not updated on a regular basis. Only due to a request for publication in the EP Bulletin, the IPC data is updated. Up-to-date classification information, like reclassified IPCs, can be retrieved by linking the PATSTAT EP Register data with PATSTAT Global table TLS209_APPLN_IPC via the APPLN_ID attribute.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2019-10-01 – Update of comment

6.41 IS_LATEST

Name: Indicates the latest set of applicants / inventors / representatives / opponents

Table: REG107_PARTIES, REG130_OPPONENT, REG705_PLACES_OF_BUSINESS, REG707_PARTIES

Description: Y/N flag. Y indicates the latest (= current or most recent) set of applicants / inventors / representatives / opponents

Default value: N

Domain: Y/N

Source field name

computed

Comments:

For table REG107_PARTIES:

See attribute SET_SEQ_NR

For table REG130_OPPONENTS:

It will contain “Y” for all <opponent> elements of the first <opposition-data> element. This <opposition-data> element should also have the highest XML attribute CHANGE-DATE. All other table records for the same application should have “N”.

```
<office-specific-bib-data file="" id="bib01914751P" lang="en" office="EPO" office-dtd="1.0"
status="">
  <opposition-data change-date="20080620" change-gazette-num="N/P">
    <opponent sequence="01">
      <addressbook cdsid="0100024916">
        <name>Evonik Degussa GmbH</name>
        <address>
```

```

        <address-1>Intell. Prop. Rodenbacher Chaussee 4</address-1>
        <address-2>63457 Hanau</address-2>
        <country>DE</country>
    </address>
</addressbook>
<agent rep-type="agent" sequence="1">
    <addressbook>
        <name>Weber, Wolfgang</name>
        <address>
            <address-1>Evonik Degussa GmbH</address-1>
            <address-2>DG-IPM-PAT</address-2>
            <address-3>Postcode 84/339</address-3>
            <address-4>Rodenbacher Chaussee 4</address-4>
            <address-5>63457 Hanau</address-5>
            <country>DE</country>
        </address>
    </addressbook>
</agent>
<opponent-status status="ADMISSIBLE">
    <date>20051206</date>
</opponent-status>
<date-opposition-filed>
    <date>20051008</date>
</date-opposition-filed>
</opponent>
</opposition-data>
<opposition-data change-date="20080620" change-gazette-num="2008/30">
    <opponent sequence="01">
        <addressbook cdsid="0100024916">
            <name>Evonik Degussa GmbH</name>
            ...

```

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Added attribute for table REG130_OPPONENT

K. Baumeister – 2024-01-30 – UP tables added

6.42 LAPSED_COUNTRY

Name: The office (country) code for which a lapse occurred during the opposition phase or during the period when opposition can be filed

Table: REG113_TERMS_OF_GRANT

Description: The office (country) code for which a lapse occurred during the opposition phase or during the period when opposition can be filed

Default value: n/a

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#)

Source field name

```

<term-of-grant change-gazette-num="2007/08">
    <lapsed-in-country>
        <country>CY</country>
        <date>20030507</date>
    </lapsed-in-country>
    <lapsed-in-country>
        <country>FI</country>
        <date>20030507</date>
    </lapsed-in-country>
</term-of-grant>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2020-04-01 – Amendment of description

6.43 LAPSED_DATE

Name: The date when a lapse occurred in one of the designated states during the opposition phase or during the period when opposition can be filed

Table: REG113_TERMS_OF_GRANT

Description: The date when a lapse occurred in one of the designated states during the opposition phase or during the period when opposition can be filed

Default value: n/a

Domain: Date

Source field name

```
<term-of-grant change-gazette-num="2007/08">
  <lapsed-in-country>
    <country>CY</country>
    <date>20030507</date>
  </lapsed-in-country>
  <lapsed-in-country>
    <country>FI</country>
    <date>20030507</date>
  </lapsed-in-country>
</term-of-grant>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.44 LICENSEE_COUNTRY

Name: The countries/territories where the license is valid in case it is not for all designated states

Table: REG112_LICENSEE_STATES, REG712_LICENSEE_STATES

Description: The countries/territories where the license is valid in case it is not for all designated states

Default value: space

Domain: Up to 10 ASCII characters;

In most cases up to 2 characters (A-Z), according to [WIPO ST.3](#).

Otherwise it is empty or contains the value "(deleted)".

Source field name

```
<licensee-data change-gazette-num="2006/18">
  <licensee designation="as-indicated" sequence="01" type-license="right-in-rem">
    <effective-in>
```

```

        <country>AT</country>
        <country>BE</country>
        <country>CH</country>
    </effective-in>
    <date>20060313</date>
</licensee>
</licensee-data>

```

Comments

There is one record in the table per country/territory.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2018-04-01 – Domain has been extended

M. Kracker – 2020-04-01 – Amendment of description and domain

K. Baumeister – 2024-01-30 – UP tables added

6.45 LICENSEE_SEQ_NR

Name: Serial number of license / sub-license

Table: REG111_LICENSEE, REG112_LICENSEE_STATES, REG711_LICENSEE, REG712_LICENSEE_STATES

Description: Serial number of license / sub license

Default value: n/a

Domain: Up to 10 ASCII characters.

Examples: "01", "01 00", "01 01", "02", "02 00", "03", "deleted".

The first two digits are the serial number of a main license and the optional other two digits represent the serial number of a sub-license.

The maximum serial number for a main license and a sub-license is 10.

The value "deleted" may only occur in table REG111_LICENSEE, not in table REG112_LICENSEE_STATES.

Source field name

```

<licensee-data change-gazette-num="2006/18">
    <licensee designation="as-indicated" sequence="01" type-license="right-in-rem">
        <effective-in>
            <country>AT</country>
            <country>BE</country>
            <country>CH</country>
        </effective-in>
        <date>20060313</date>
    </licensee>
</licensee-data>

```

Comments

The sequence is not an integer, but a string (e.g. "01 00")

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Clarification of description and domain

K. Baumeister – 2024-01-30 – UP tables added

6.46 LIMIT_SEQ_NR

Name: Sequence number of limitation request

Table: REG128_LIMITATION

Description: Sequence number of a limitation request

Default value: n/a

Domain: Number 1 ... 10

Source field name

Every occurrence of `/register-documents/register-document/bibliographic-data/office-specific-bib-data/ep-limitation-procedure` gets a sequence number, starting with 1. Note that there are very few applications with more than 1 limitation request.

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-10-01 – Version 3.00

6.47 LIMITATION_FILING_DATE

Name: Date when the request for limitation was filed

Table: REG128_LIMITATION

Description: Date when the request for limitation was filed

Default value: n/a

Domain: Date

Source field name

```
<ep-limitation-procedure>
  <ep-limitation-filing>
    <ep-limitation-filing-date>
      <date>20090123</date>
    </ep-limitation-filing-date>
    <ep-limitation-filing-decision>
      <text>admissible</text>
    </ep-limitation-filing-decision>
  </ep-limitation-filing>
  <ep-limitation-allowed>
    <ep-limitation-request-dispatch-date>
      <date>20090508</date>
    </ep-limitation-request-dispatch-date>
    <ep-limitation-request-pay-date>
      <date>20090806</date>
    </ep-limitation-request-pay-date>
  </ep-limitation-allowed>
</ep-limitation-procedure>
```

```
        </ep-limitation-request-pay-date>
    </ep-limitation-allowed>
</ep-limitation-procedure>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.48 LIMITATION_FILING_DECISION

Name: The decision about admissibility of the limitation request

Table: REG128_LIMITATION

Description: The decision about admissibility of the request for limitation of a patent

Default value: n/a

Domain: Up to about 50 characters

Source field name

```
<ep-limitation-procedure>
    <ep-limitation-filing>
        <ep-limitation-filing-date>
            <date>20090123</date>
        </ep-limitation-filing-date>
        <ep-limitation-filing-decision>
            <text>admissible</text>
        </ep-limitation-filing-decision>
    </ep-limitation-filing>
    <ep-limitation-allowed>
        <ep-limitation-request-dispatch-date>
            <date>20090508</date>
        </ep-limitation-request-dispatch-date>
        <ep-limitation-request-pay-date>
            <date>20090806</date>
        </ep-limitation-request-pay-date>
    </ep-limitation-allowed>
</ep-limitation-procedure>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.49 MAILED_DATE

Name: Dispatch date of the European supplementary search report

Table: REG136_SEARCH_REPORT

Description: This is the dispatch date of the European supplementary search report for an international application

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<search-reports-information>
  <search-report-information change-gazette-num="2001/46" declaration-of-no-
search="not-determined" office="AU" search-type="isr">
    <search-report-publication>
      <document-id>
        <country>WO</country>
        <doc-number>0043215</doc-number>
        <kind>A1</kind>
        <date>20000727</date>
      </document-id>
    </search-report-publication>
  </search-report-information>
  <search-report-information declaration-of-no-search="not-determined"
office="EP" search-type="national-supplementary">
    <date-search-report-mailed>
      <date>20060824</date>
    </date-search-report-mailed>
  </search-report-information>
</search-reports-information>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.50 MISCELLANEOUS_TEXT

Name: Miscellaneous text

Table: REG135_TEXT

Description: The additional short note added to the application.

Default value: n/a

Domain: Up to 255 characters

Source field name

```
<text change-gazette-num="2001/28" lang="en">EPB 2001/28: The claims are
numbered incorrectly</text>
```

Comments

The text can be in English, French or German.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.51 NAME

Name: Name of a person

Table: REG107_PARTIES, REG111_LICENSEE, REG707_PARTIES, REG711_LICENSEE

Description: Name of a person (natural person or legal person)

Default value: empty

Domain: Up to 255 characters

Source field name

In table REG107_PARTIES (see section 5.6)

```
<applicants change-gazette-num="2002/01">
  <applicant app-type="applicant" designation="all" sequence="1">
    <addressbook>
      <name>Epimmune Inc.</name>
      <address>
        <address-1>5820 Nancy Ridge Drive</address-1>
        <address-2>San Diego, CA 92121</address-2>
        <country>US</country>
      </address>
    </addressbook>
    <nationality>
      <country/>
    </nationality>
    <residence>
      <country/>
    </residence>
  </applicant>
</applicants>
```

In table REG111_LICENSEE (see section 5.10)

```
<licensee-data change-gazette-num="2009/18">
  <licensee designation="as-indicated" sequence="01 01" type-
license="exclusive">
    <addressbook>
      <name>Affitech AS</name>
      <address>
        <address-1>Oslo Research Park Gaustadalléen 21</address-1>
        <address-2>0349 Oslo</address-2>
        <country>NO</country>
      </address>
    </addressbook>
    <effective-in>
      <country>AT</country>
      <country>BE</country>
    </effective-in>
    <date>20080926</date>
  </licensee>
</licensee-data>
```

Comments

For REG107_PARTIES the name attribute is filled with
register-document/bibliographic-data/parties/applicants/applicant – type is then “A”
register-document/bibliographic-data/parties/inventors/inventor – type is then “I”
register-document/bibliographic-data/parties/agents/agent – type is then “R”

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00
K. Baumeister – 2024-01-30 – UP tables added

6.52 OFFICE

Name: Search office

Table: REG136_SEARCH_REPORT

Description: Office where the search was carried out

Default value: empty

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#)

Source field name

```
<references-cited>
  <citation cited-in="search" id="cit_70619" office="EP">
    <patcit
      url="http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP0664572&
      ;CY=EP">
      <document-id>
        <country>EP</country>
        <doc-number>0664572</doc-number>
      </document-id>
    </patcit>
    <category>X</category>
  </citation>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.53 OPPT_ADDRESS_1, OPPT_ADDRESS_2, OPPT_ADDRESS_3, OPPT_ADDRESS_4, OPPT_ADDRESS_5

Name: The address line 1, 2, 3, 4 and 5 of the opponent

Table: REG130_OPPONENT

Description: First / Second / Third / Forth / Fifth address line of the opponent

Default value: empty string

Domain: up to 255 characters

Source field name

```
<opposition-data change-gazette-num="2008/11">
  <opponent sequence="01">
    <addressbook>
      <name>VODAFONE GROUP PLC</name>
      <address>
        <address-1>VODAFONE HOUSE THE CONNECTION</address-1>
        <address-2>NEWBURY, BERKSHIRE RG14 2FN</address-2>
        <country>GB</country>
      </address>
    </addressbook>
```

```

    <agent rep-type="agent" sequence="1">
      <addressbook>
        <name>Keston, David Arthur, et al</name>
        <address>
          <address-1>Vodafone Group Services Ltd.
Group Legal (Patents) Vodafone</address-1>
          <address-2>House The Connection
Newbury</address-2>
          <address-3>Berkshire RG14 2FN</address-3>
          <country>GB</country>
        </address>
      </addressbook>
    </agent>
    <opponent-status status="ADMISSIBLE">
      <date>20050711</date>
    </opponent-status>
    <date-opposition-filed>
      <date>20050628</date>
    </date-opposition-filed>
  </opponent>
</opposition-data>

```

Comments

Note: In PATSTAT Online these attributes are not populated.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed (was: OPPONENT_ADDRESS_1);
 Comment added;
 Attributes for 3rd, 4th and 5th address line added

6.54 OPPT_COUNTRY

Name: The residence country/territory of the opponent

Table: REG130_OPPONENT

Description: The residence country/territory of the opponent

Default value: empty string

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#)

Source field name

```

<opposition-data change-gazette-num="2008/11">
  <opponent sequence="01">
    <addressbook>
      <name>VODAFONE GROUP PLC</name>
      <address>
        <address-1>VODAFONE HOUSE THE CONNECTION</address-1>
        <address-2>NEWBURY, BERKSHIRE RG14 2FN</address-2>
        <country>GB</country>
      </address>
    </addressbook>
    <agent rep-type="agent" sequence="1">
      <addressbook>
        <name>Keston, David Arthur, et al</name>

```

```

                <address>
                    <address-1>Vodafone Group Services Ltd.
Group Legal (Patents) Vodafone</address-1>
                    <address-2>House The Connection
Newbury</address-2>
                    <address-3>Berkshire RG14 2FN</address-3>
                    <country>GB</country>
                </address>
            </addressbook>
        </agent>
        <opponent-status status="ADMISSIBLE">
            <date>20050711</date>
        </opponent-status>
        <date-opposition-filed>
            <date>20050628</date>
        </date-opposition-filed>
    </opponent>
</opposition-data>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed

M. Kracker – 2020-04-01 – Amendment of description

6.55 OPPT_NAME

Name: Opponent name

Table: REG130_OPPONENT

Description: Opponent name

Default value: n/a

Domain: up to 255 characters

Source field name

```

<opposition-data change-gazette-num="2008/11">
    <opponent sequence="01">
        <addressbook>
            <name>VODAFONE GROUP PLC</name>
            <address>
                <address-1>VODAFONE HOUSE THE CONNECTION</address-1>
                <address-2>NEWBURY, BERKSHIRE RG14 2FN</address-2>
                <country>GB</country>
            </address>
        </addressbook>
        <agent rep-type="agent" sequence="1">
            <addressbook>
                <name>Keston, David Arthur, et al</name>
                <address>
                    <address-1>Vodafone Group Services Ltd.
Group Legal (Patents) Vodafone</address-1>
                    <address-2>House The Connection
Newbury</address-2>

```

```

        <address-3>Berkshire RG14 2FN</address-3>
        <country>GB</country>
    </address>
</addressbook>
</agent>
<opponent-status status="ADMISSIBLE">
    <date>20050711</date>
</opponent-status>
<date-opposition-filed>
    <date>20050628</date>
</date-opposition-filed>
</opponent>
</opposition-data>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed

6.56 OPPT_NR

Name: The opponent sequence number

Table: REG130_OPPONENT

Description: The ordinal number of this opponent in the application

Default value: n/a

Domain: Number range 1 ... about 25

Source field name

```

<opposition-data change-gazette-num="2008/11">
    <opponent sequence="01">
        <addressbook>
            <name>VODAFONE GROUP PLC</name>
            <address>
                <address-1>VODAFONE HOUSE THE CONNECTION</address-1>
                <address-2>NEWBURY, BERKSHIRE RG14 2FN</address-2>
                <country>GB</country>
            </address>
        </addressbook>
        <agent rep-type="agent" sequence="1">
            <addressbook>
                <name>Keston, David Arthur, et al</name>
                <address>
                    <address-1>Vodafone Group Services Ltd.
Group Legal (Patents) Vodafone</address-1>
                    <address-2>House The Connection
Newbury</address-2>
                    <address-3>Berkshire RG14 2FN</address-3>
                    <country>GB</country>
                </address>
            </addressbook>
        </agent>
    </opponent-status status="ADMISSIBLE">

```

```

        <date>20050711</date>
    </opponent-status>
    <date-opposition-filed>
        <date>20050628</date>
    </date-opposition-filed>
</opponent>
</opposition-data>

```

Comments

The purpose of this number is to identify an opponent within an application, because the opponent name or address may change.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Comment added.

Attribute name changed (was: OPPONENT_SEQ_NR)

6.57 OPPT_STATUS

Name: The status of the opponent

Table: REG130_OPPONENT

Description: The status of the opponent as clear text (e.g. "ADMISSIBLE").

Default value: empty

Domain: up to about 30 characters

Source field name

```

<opposition-data change-gazette-num="2008/11">
    <opponent sequence="01">
        <addressbook>
            <name>VODAFONE GROUP PLC</name>
            <address>
                <address-1>VODAFONE HOUSE THE CONNECTION</address-1>
                <address-2>NEWBURY, BERKSHIRE RG14 2FN</address-2>
                <country>GB</country>
            </address>
        </addressbook>
        <agent rep-type="agent" sequence="1">
            <addressbook>
                <name>Keston, David Arthur, et al</name>
                <address>
                    <address-1>Vodafone Group Services Ltd.
Group Legal (Patents) Vodafone</address-1>
                    <address-2>House The Connection
Newbury</address-2>
                    <address-3>Berkshire RG14 2FN</address-3>
                    <country>GB</country>
                </address>
            </addressbook>
        </agent>
        <opponent-status status="ADMISSIBLE">
            <date>20050711</date>
        </opponent-status>
        <date-opposition-filed>
            <date>20050628</date>

```

```

        </date-opposition-filed>
    </opponent>
</opposition-data>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed (was: OPPONENT_STATUS)

6.58 OPPT_STATUS_DATE

Name: The date of decision about the status of this opponent

Table: REG130_OPPONENT

Description: The date of decision about the status of this opponent.

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```

<opposition-data change-gazette-num="2008/11">
    <opponent sequence="01">
        <addressbook>
            <name>VODAFONE GROUP PLC</name>
            <address>
                <address-1>VODAFONE HOUSE THE CONNECTION</address-1>
                <address-2>NEWBURY, BERKSHIRE RG14 2FN</address-2>
                <country>GB</country>
            </address>
        </addressbook>
        <agent rep-type="agent" sequence="1">
            <addressbook>
                <name>Keston, David Arthur, et al</name>
                <address>
                    <address-1>Vodafone Group Services Ltd.
Group Legal (Patents) Vodafone</address-1>
                    <address-2>House The Connection
Newbury</address-2>
                    <address-3>Berkshire RG14 2FN</address-3>
                    <country>GB</country>
                </address>
            </addressbook>
        </agent>
        <opponent-status status="ADMISSIBLE">
            <date>20050711</date>
        </opponent-status>
        <date-opposition-filed>
            <date>20050628</date>
        </date-opposition-filed>
    </opponent>
</opposition-data>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed (was: OPPONENT_STATUS_DATE)

6.59 PETITIONER_CODE

Name: The petitioner code

Table: REG127_PETITION_RVW

Description: A coded indication of the petitioner, e.g. "APPR" for applicant/proprietor or "OP01" for the first opponent

Default value: n/a

Domain: up to 15 characters.

Examples: "APPR", "OP01", "OP02", "OP10"

Source field name

```
<ep-petition-review petition-review-num="R0004/10">
  <ep-petition-review-appeal-number>T0880/08-3503</ep-petition-review-
  appeal-number>
  <ep-petition-review-date>
    <date>20100416</date>
  </ep-petition-review-date>
  <ep-petition-review-petitioner-code>APPR</ep-petition-review-petitioner-
  code>
  <ep-petition-review-decision-date>
    <date>20100927</date>
  </ep-petition-review-decision-date>
  <ep-petition-review-kind>WITHDRAWAL OF THE PETITION FOR REVIEW</ep-
  petition-review-kind>
</ep-petition-review>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.60 PHASE

Name: Phase in which appeal was filed

Table: REG125_APPEAL

Description: The phase of the patent procedure in which this appeal was filed.

Default value: n/a

Domain: up to 12 characters (examination | opposition | revocation | limitation)

Source field name

```
<ep-appeal-data appeal-num="T0848/07-3201" appeal-phase="opposition">
  <date>20070503</date>
```



```
<ep-appeal-result date="20070618">WITHDRAWAL OF APPEAL OF THE  
OPPONENT</ep-appeal-result>  
</ep-appeal-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.61 PRIOR_AUTH

Name: Priority authority

Table: REG106_PRIOR

Description: Authority of the priority document

Default value: n/a

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#) and including RH (South Rhodesia).

Source field name

```
<priority-claims change-gazette-num="2001/01">  
  <priority-claim kind="national" sequence="1">  
    <country>DE</country>  
    <doc-number>19914122599</doc-number>  
    <date>19910708</date>  
  </priority-claim>  
</priority-claims>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.62 PRIOR_DATE

Name: Priority date

Table: REG106_PRIOR

Description: Filing date of the priority document

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<priority-claims change-gazette-num="2001/01">  
  <priority-claim kind="national" sequence="1">  
    <country>DE</country>  
    <doc-number>19914122599</doc-number>  
    <date>19910708</date>
```

```
</priority-claim>
</priority-claims>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.63 PRIOR_KIND

Name: Priority kind

Table: REG106_PRIOR

Description: Priority kind

Default value: n/a

Domain: up to 13 characters: "national", "regional" or "international"

Source field name

```
<priority-claims change-gazette-num="2001/01">
  <priority-claim kind="national" sequence="1">
    <country>DE</country>
    <doc-number>19914122599</doc-number>
    <date>19910708</date>
  </priority-claim>
</priority-claims>
```

Comments

Always "national"

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.64 PRIOR_NR

Name: Priority number

Table: REG106_PRIOR

Description: Number of the priority document or indicator that the priority rights have been lost

Default value: n/a

Domain: up to 15 characters:

Number of priority application or the string 'deleted'

Source field name

```
<priority-claims change-gazette-num="2001/01">
  <priority-claim kind="national" sequence="1">
    <country>DE</country>
    <doc-number>19914122599</doc-number>
    <date>19910708</date>
```

```
</priority-claim>
</priority-claims>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Comment changed: There are no PRIOR_NR = 'deleted' anymore.

6.65 PRIOR_SEQ_NR

Name: Priority sequence number

Table: REG106_PRIOR

Description: The ordinal number of the priority in the application where it is claimed

Default value: n/a

Domain: Number range 0 ... about 500;

Source field name

```
<priority-claims change-gazette-num="2001/01">
  <priority-claim kind="national" sequence="1">
    <country>DE</country>
    <doc-number>19914122599</doc-number>
    <date>19910708</date>
  </priority-claim>
</priority-claims>
```

Comments

If one or more priorities are given, then they are numbered starting from 1.

In case the priority rights have been lost, then there will be one entry with PRIOR_SEQ_NR = 0.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Comment changed: There are no PRIOR_NR = 'deleted' anymore.

M. Kracker – 2017-04-01 – Domain extended

6.66 PUBLN_AUTH

Name: Publication authority

Table: REG102_PAT_PUBLN, REG136_SEARCH_REPORT

Description: Publication authority, which is either EPO or WIPO

Default value: empty string

Domain: 'EP' or 'WO' or empty

Source field name

```

<publication-reference change-gazette-num="2000/38">
  <document-id lang="en">
    <country>EP</country>
    <doc-number>1037493</doc-number>
    <kind>A2</kind>
    <date>20000920</date>
  </document-id>
</publication-reference>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.67 PUBLN_DATE

Name: Date of publication

Table: REG102_PAT_PUBLN, REG136_SEARCH_REPORT

Description: Date of publication

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```

<publication-reference change-gazette-num="2000/38">
  <document-id lang="en">
    <country>EP</country>
    <doc-number>1037493</doc-number>
    <kind>A2</kind>
    <date>20000920</date>
  </document-id>
</publication-reference>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.68 PUBLN_KIND

Name: Kind of publication

Table: REG102_PAT_PUBLN, REG136_SEARCH_REPORT

Description: Publication kind code (e. g. A1, A3, B1, ..)

Default value: empty string

Domain: Up to 2 characters consisting of A or B followed by a digit.
The list of all allowed codes is listed below in this Data Catalog.

Source field name

```
<publication-reference change-gazette-num="2000/38">
  <document-id lang="en">
    <country>EP</country>
    <doc-number>1037493</doc-number>
    <kind>A2</kind>
    <date>20000920</date>
  </document-id>
</publication-reference>
```

Comments

EP-A documents

European patent applications, published 18 months after filing with the EPO or 18 months after the priority date

A1 European patent application published with European search report

A2 European patent application published without European search report (search report not available at publication date)

A3 Separate publication of European search report

A4 Supplementary search report

A8 Corrected title page of A document (i.e. A1 or A2 document)

A9 Complete reprint of A document (i.e. A1, A2 or A3 document)

EP-B documents

European patent specifications

B1 European patent specification (granted patent)

B2 New European patent specification (amended specification after opposition procedure)

B3 European patent specification (after limitation procedure)

B8 Corrected title page of B document (i.e. B1 or B2 document)

B9 Complete reprint of B document (i.e. B1 or B2 document)

WO-A documents

A1 International application published with international search report

A2 International application published without international search report or (from 1 January 2009 onwards) international application published with declaration under Article 17(2)(a)

A3 Later publication of international search report with revised front page

A4 Later publication of amended claims and/or statement (Art.19) (from 1 January 2009 onwards)

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.69 PUBLN_LG

Name: Language of publication

Table: REG102_PAT_PUBLN, REG136_SEARCH_REPORT

Description: Language of publication

Default value: empty string

Domain: up to 2 characters, ISO 639-1 language codes

Source field name

```
<publication-reference change-gazette-num="2000/38">
  <document-id lang="en">
    <country>EP</country>
```

```

        <doc-number>1037493</doc-number>
        <kind>A2</kind>
        <date>20000920</date>
    </document-id>
</publication-reference>

```

Comments

EP publications are always published in English (en), French (fr) or German (de), but the language is not always indicated.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.70 PUBLN_NR

Name: Document number for publication

Table: REG102_PAT_PUBLN, REG136_SEARCH_REPORT

Description: Document number for publication

Default value: empty string

Domain: up to 10 digits; leading zeros are significant, e. g. '0044958', so this attribute must be used as a text string not as a numerical value

Source field name

```

<publication-reference change-gazette-num="2000/38">
    <document-id lang="en">
        <country>EP</country>
        <doc-number>1037493</doc-number>
        <kind>A2</kind>
        <date>20000920</date>
    </document-id>
</publication-reference>

```

Comments

EP publications number always consists of 7 digits and might have leading zeros.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.71 RELATION_TYPE

Name: Type of relation between applications – continuation (A.61(1)(b) EPC) or division

Table: REG117_RELATION

Description: Type of relation between applications - continuation (A.61(1)(b) EPC) or division

Default value: n/a

Domain: up to 12 characters: "continuation" or "division"

Source field name

```
<related-documents>
  <division>
    <relation>
      <parent-doc>
        <document-id document-id-type="application number">
          <country>EP</country>
          <doc-number>19970933314</doc-number>
          <kind>D</kind>
        </document-id>
      </parent-doc>
```

Stores the tag name directly in the attribute.

Comments

By “continuation” we here mean an application filed in respect to A.61(1)(b) EPC. We do not mean a continuation application according to U.S. patent law.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.72 RESULT

Name: Result of the appeal

Table: REG125_APPEAL

Description: The outcome of an appeal in clear text

Default value: empty string

Domain: up to about 50 characters

Source field name

```
<ep-appeal-data appeal-num="T0880/08-3503" appeal-phase="opposition">
  <date>20080417</date>
  <ep-date-statement-of-grounds-filed>
    <date>20080704</date>
  </ep-date-statement-of-grounds-filed>
  <ep-appeal-result date="20091218">APPEAL OF PROPRIETOR REJECTED</ep-
appeal-result>
</ep-appeal-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.73 RESULT_DATE

Name: Date of the outcome (result) of an appeal

Table: REG125_APPEAL**Description:** Date of the outcome (result) of an appeal**Default value:** 9999-12-31**Domain:** Date (up to 9999-12-31)**Source field name**

```
<ep-appeal-data appeal-num="T0880/08-3503" appeal-phase="opposition">
  <date>20080417</date>
  <ep-date-statement-of-grounds-filed>
    <date>20080704</date>
  </ep-date-statement-of-grounds-filed>
  <ep-appeal-result date="20091218">APPEAL OF PROPRIETOR REJECTED</ep-
appeal-result>
</ep-appeal-data>
```

Comments

n/a

Modification history**Author of update - Date of update - Explanation of update****M. Kracker – 2015-04-01 – Version 2.00****6.74 REVIEW_DATE****Name:** The date the petition was filed**Table:** REG127_PETITION_RVW**Description:** The date the petition was filed**Default value:** n/a**Domain:** Date**Source field name**

```
<ep-petition-review petition-review-num="R0004/10">
  <ep-petition-review-appeal-number>T0880/08-3503</ep-petition-review-
appeal-number>
  <ep-petition-review-date>
    <date>20100416</date>
  </ep-petition-review-date>
  <ep-petition-review-petitioner-code>APPR</ep-petition-review-petitioner-
code>
  <ep-petition-review-decision-date>
    <date>20100927</date>
  <ep-petition-review-decision-date>
    <date>20100927</date>
  </ep-petition-review-decision-date>
  <ep-petition-review-kind>WITHDRAWAL OF THE PETITION FOR REVIEW</ep-
petition-review-kind>
</ep-petition-review>
```

Comments

n/a

Modification history**Author of update - Date of update - Explanation of update**

6.75 REVIEW_DECISION_DATE

Name: The decision date of a review petition

Table: REG127_PETITION_RVW

Description: The date of the decision taken on a review petition

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<ep-petition-review petition-review-num="R0004/10">
  <ep-petition-review-appeal-number>T0880/08-3503</ep-petition-review-
  appeal-number>
  <ep-petition-review-date>
    <date>20100416</date>
  </ep-petition-review-date>
  <ep-petition-review-petitioner-code>APPR</ep-petition-review-petitioner-
  code>
  <ep-petition-review-decision-date>
    <date>20100927</date>
  <ep-petition-review-decision-date>
    <date>20100927</date>
  </ep-petition-review-decision-date>
  <ep-petition-review-kind>WITHDRAWAL OF THE PETITION FOR REVIEW</ep-
  petition-review-kind>
</ep-petition-review>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.76 REVIEW_KIND

Name: The review decision kind

Table: REG127_PETITION_RVW

Description: The kind of decision taken, in clear text

Default value: empty string

Domain: up to about 150 characters

Source field name

```
<ep-petition-review petition-review-num="R0004/10">
  <ep-petition-review-appeal-number>T0880/08-3503</ep-petition-review-
  appeal-number>
  <ep-petition-review-date>
    <date>20100416</date>
  </ep-petition-review-date>
```

```

    <ep-petition-review-petitioner-code>APPR</ep-petition-review-petitioner-
code>
    <ep-petition-review-decision-date>
        <date>20100927</date>
    <ep-petition-review-decision-date>
        <date>20100927</date>
    </ep-petition-review-decision-date>
    <ep-petition-review-kind>WITHDRAWAL OF THE PETITION FOR REVIEW</ep-
petition-review-kind>
</ep-petition-review>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.77 REVIEW_NR

Name: The review number

Table: REG127_PETITION_RVW

Description: The internal identification number allocated to this petition

Default value: n/a

Domain: up to 15 characters

Source field name

```

<ep-petition-review petition-review-num="R0004/10">
    <ep-petition-review-appeal-number>T0880/08-3503</ep-petition-review-
appeal-number>
    <ep-petition-review-date>
        <date>20100416</date>
    </ep-petition-review-date>
    <ep-petition-review-petitioner-code>APPR</ep-petition-review-petitioner-
code>
    <ep-petition-review-decision-date>
        <date>20100927</date>
    <ep-petition-review-decision-date>
        <date>20100927</date>
    </ep-petition-review-decision-date>
    <ep-petition-review-kind>WITHDRAWAL OF THE PETITION FOR REVIEW</ep-
petition-review-kind>
</ep-petition-review>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Attribute name changed (was: REVIEW_NUM)

6.78 SEARCH_TYPE

Name: Type of search report

Table: REG136_SEARCH_REPORT

Description: There are 3 types of search reports:

"NAT" for a European search, "SUP" for a European supplementary search and "ISR" for an international search

Default value: n/a

Domain: 3 ASCII characters

NAT national (European search)

SUP national-supplementary (European supplementary search)

ISR ISR (international search (report))

Source field name

```
<search-reports-information>
  <search-report-information change-gazette-num="2001/46" declaration-of-no-
search="not-determined" office="AU" search-type="isr">
    <search-report-publication>
      <document-id>
        <country>WO</country>
        <doc-number>0043215</doc-number>
        <kind>A1</kind>
        <date>20000727</date>
      </document-id>
    </search-report-publication>
  </search-report-information>
<search-report-information declaration-of-no-search="not-determined"
office="EP" search-type="national-supplementary">
  <date-search-report-mailed>
    <date>20060824</date>
  </date-search-report-mailed>
</search-report-information>
</search-reports-information>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Numeric codes replaced by mnemonic codes

6.79 SEQ_NR

Name: Sequence number of party

Table: REG107_PARTIES, REG108_APPLICANT_STATES,
REG705_PLACES_OF_BUSINESS, REG707_PARTIES

Description: Sequence number of party (concerns applicant, inventor and legal representative)

Default value: n/a

Domain: Number 1 ... 99

Source field name

Can be part of

- /register-document/bibliographic-data/parties/applicants/applicant, or
- /register-document/bibliographic-data/parties/inventors/inventor or
- /register-document/bibliographic-data/parties/agents/agent .

```
<applicants change-gazette-num="2002/01">
  <applicant app-type="applicant" designation="all" sequence="1">
    <addressbook>
      <name>Epimmune Inc.</name>
      <address>
        <address-1>5820 Nancy Ridge Drive</address-1>
        <address-2>San Diego, CA 92121</address-2>
        <country>US</country>
      </address>
    </addressbook>
    <nationality>
      <country/>
    </nationality>
    <residence>
      <country/>
    </residence>
  </applicant>
```

Comments

All applicants (one or more) of an application at a certain point of time are regarded as a “set” of applicants. The SEQ_NR defines the order of applicants within this set. Compare attribute SET_SEQ_NR.

The same applies to inventors and legal representatives (see attribute TYPE).

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – SEQ_NR = 20 has no special meaning anymore.

K. Baumeister – 2024-01-30 – UP tables added

6.80 SET_SEQ_NR

Name: Calculated sequential number to identify a set of applicants / inventors / representatives.

Table: REG107_PARTIES, REG108_APPLICANT_STATES,
REG705_PLACES_OF_BUSINESS, REG707_PARTIES

Description: Descending number for each set of party (applicants / inventors / representatives).

Default value: n/a

Domain: Number 1 ... 15

Source field name

computed (see comments below)

Comments

All applicants (one or more) of an application at a certain point of time are regarded as a “set” of applicants. The applicant(s) may change over time. Every change in these applicants results in another, newer set of applicants.

In table REG107_PARTIES these sets are chronologically numbered by the attribute SET_SEQ_NR, with set 1 being the oldest set, set 2 the next and so on. The highest SET_SEQ_NR for applicants therefore identifies the last known set of applicants (see also attribute IS_LATEST).

The same applies to inventors and legal representatives (see attribute TYPE), whose set numbering is independent of each other and consequently also starts from 1.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.81 STATE_TYPE

Name: Type of a designated state

Table: REG109_DESIGNATED_STATES

Description: Indicates whether the designated state is a member state, an extension state or a validation state.

Default value: n/a

Domain: 3 ASCII characters:

MEM	Member state
EXT	Extension state
VAL	Validation state

Source field name

Example of an extension state:

```
<procedural-step id="STEP_EXPT_4505764" procedure-step-phase="examination">
  <procedural-step-code>EXPT</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Extension of the
patent</procedural-step-text>
  <procedural-step-text step-text-type="Extension states">BA</procedural-step-
text>
</procedural-step>
```

Example of a validation state:

```
<procedural-step id="STEP_VAPT_274054" procedure-step-phase="examination">
  <procedural-step-code>VAPT</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Validation of the
patent</procedural-step-text>
  <procedural-step-text step-text-type="Validation states">MA</procedural-step-
text>
</procedural-step>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2018-10-01 – First version

6.82 STATUS (for REG101_APPLN)

Name: The status of the application

Table: REG101_APPLN

Description: Status of the application. The status of granted patent (e. g. still valid or not) is not included here.

Default value: 18 (meaning UNKNOWN)

Domain: Number 1 ... 18; for an explanation see reference table

REG403_APPLN_STATUS

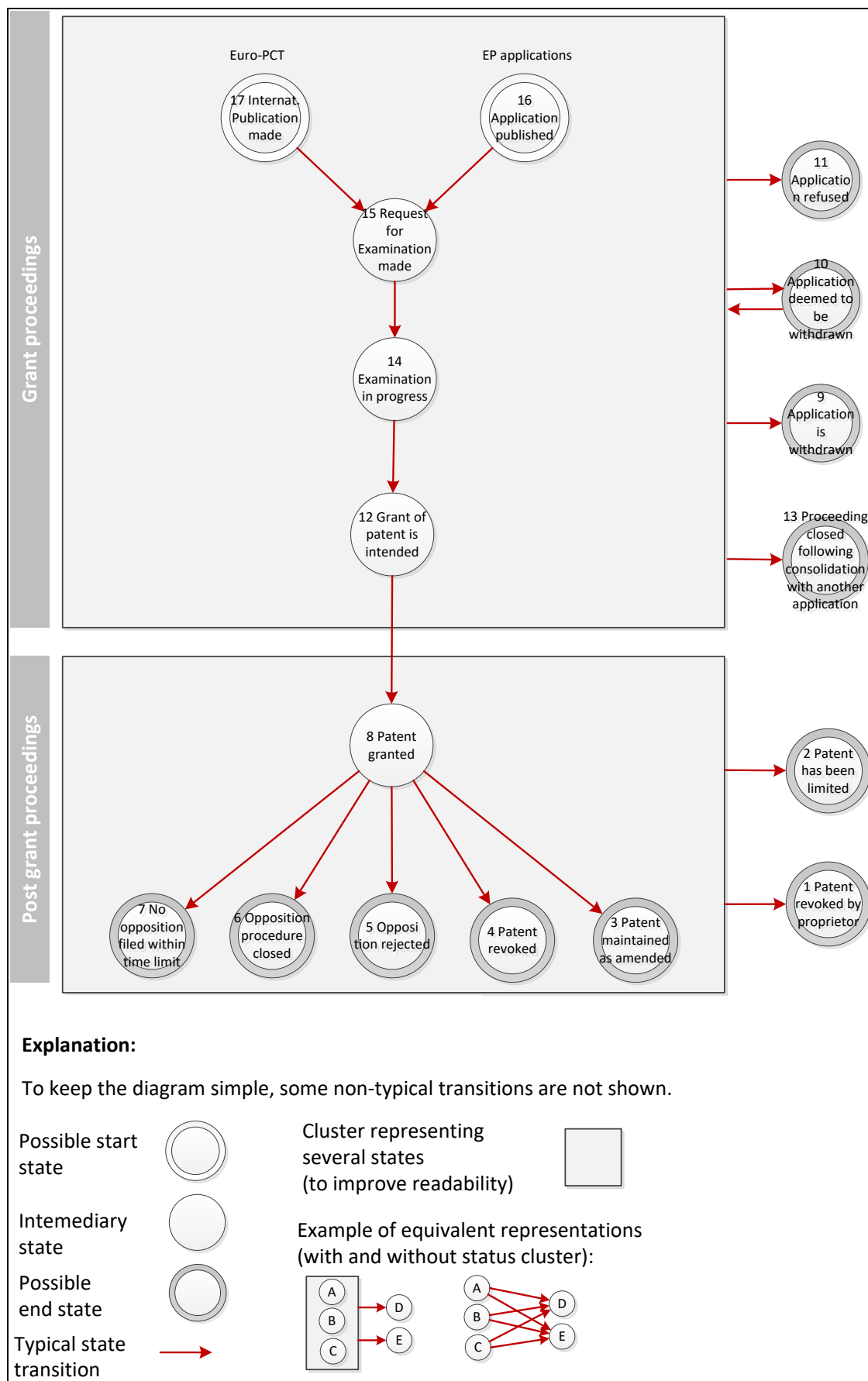


Figure 5: STATUS EP phase: State transition diagram

Source field name

```
<register-document date-produced="20110510" dtd-version="1.0" lang="en"
produced-by="RO" status="APPLICATION DEEMED TO BE WITHDRAWN">
  <bibliographic-data country="EP" id="EP00102538P" lang="en"
    status="APPLICATION DEEMED TO BE WITHDRAWN">
```

Comments

Note that the value of the STATUS is - roughly spoken - in the reverse order of the life of an application. E. g., after the publication (17, 16) there is the examination (15, 14) which is then followed by the intention to grant (12), ...

The explanation of these status codes can be found in the reference table REG403_APPLN_STATUS. As long as all register documents have a valid status code, the reference table does not contain the status code 18 for UNKNOWN.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.83 STATUS (for REG701_APPLN)

Name: The status of the unitary patent

Table: REG701_APPLN

Description: Status of the unitary patent.

Default value: n/a

Domain: Number 1 ... 9; for an explanation see reference table REG741_APPLN_STATUS

STATUS UP phase in PATSTAT EP Register: State transition diagram

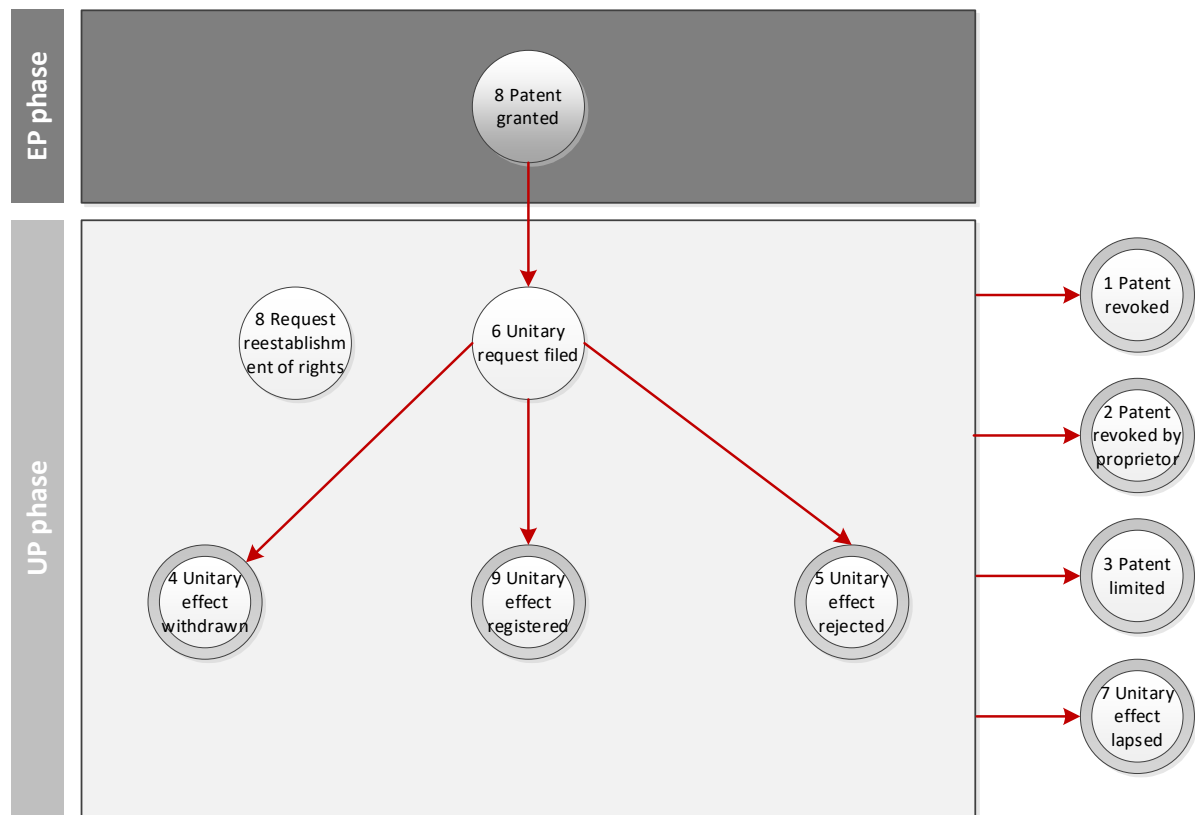


Figure 6: STATUS UP phase: state transition diagram

Source field name

```
<unitary-patent-status change-date="20170102" status-code="9">Unitary effect registered</unitary-patent-status>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

K. Baumeister – 2024-01-30 – First version

6.84 STEP_CODE

Name: Code for this procedural step

Table: REG201_PROC_STEP, REG721_PROC_STEP

Description: Mnemonic code for this procedural step

Default value: n/a

Domain: up to about 10 characters, e. g. OREX, AREX, ...

In the 2014 Autumn Edition there were 42 different codes

Source field name

```
<procedural-step id="STEP_EXRE_32085" procedure-step-phase="examination">
  <procedural-step-code>EXRE</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Communication from
the examining division</procedural-step-text>
  <procedural-step-date step-date-type="DATE_OF_DISPATCH">
    <date>20070717</date>
  </procedural-step-date>
  <time-limit time-limit-unit="months">04</time-limit>
</procedural-step>
```

Comments

For details see section 7 of this document.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCEDURAL_STEP_CODE)

K. Baumeister – 2024-01-30 – UP tables added

6.85 STEP_COUNTRY

Name: Office code of state which is affected by a procedural code

Table: REG201_PROC_STEP, REG721_PROC_STEP

Description: Office code of the state which is affected by a procedural code. The code identifies the office where the preliminary examination was carried out.

Default value: empty

Domain: Up to 2 characters (A-Z), according to [WIPO ST.3](#)

Source field name

```
<procedural-step id="STEP_PREX_920137"
  procedure-step-phase="international-examination">
  <procedural-step-code>PREX</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Preliminary
    examination - PCT II</procedural-step-text>
  <procedural-step-date step-date-type="DATE_OF_REQUEST">
    <date>20000808</date>
  </procedural-step-date>
  <procedural-step-affected-states>
    <country>EP</country>
  </procedural-step-affected-states>
</procedural-step>
```

Comments

Currently only preliminary examinations for international applications (Chapter 2 PCT) do have a code, which represents the office where the preliminary examination has been carried out. These steps can be identified as having “PREX” in the STEP_CODE attribute in table REG201_PROC_STEP table.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2016-04-01 – Version 3.02

M. Kracker – 2016-04-01 – Attribute has been moved (was: attribute COUNTRY in table REG205_PRCURL_STEP_AFFECTED_STATES)

K. Baumeister – 2024-01-30 – UP tables added

6.86 STEP_DATE

Name: Date of procedural step

Table: REG203_PROC_STEP_DATE, REG723_PROC_STEP_DATE

Description: A date relating to the procedural step

Default value: n/a

Domain: Date

Source field name

```
<procedural-step id="STEP_RFPR_12975" procedure-step-phase="examination">
  <procedural-step-code>RFPR</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Request for
further processing</procedural-step-text>
  <procedural-step-text step-text-type="STEP_DESCRIPTION_NAME">Reason
unspecified</procedural-step-text>
  <procedural-step-date step-date-type="DATE_OF_PAYMENT1">
    <date>20050324</date>
  </procedural-step-date>
  <procedural-step-date step-date-type="DATE_OF_REQUEST">
    <date>20050318</date>
  </procedural-step-date>
  <procedural-step-date step-date-type="RESULT_DATE">
    <date>20050411</date>
  </procedural-step-date>
  <procedural-step-result>Request accepted</procedural-step-result>
</procedural-step>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCEDURAL_DATE)

K. Baumeister – 2024-01-30 – UP tables added

6.87 STEP_DATE_TYPE

Name: Type of date of a procedural step

Table: REG203_PROC_STEP_DATE, REG723_PROC_STEP_DATE

Description: Describes what kind of date is related to a procedural step

Default value: n/a

Domain: 5 ASCII characters

CANCT Date of cancellation

DISPA Date of dispatch

DRAEX	Decision date of Request for Accelerated Examination (RAEX)
EFFEC	Date effective
GRNTF	Grant fee paid
LAPPR	Date of later approval
PAYM1	Date of payment 1
PAYMN	Date of payment
PRNTF	Print fee paid
RAEXA	Date of Request for Accelerated Examination (RAEX)
RECPT	Date of receipt
REPLY	Date of reply
REQST	Date of request
RESLT	Result date
TCLMS	Translation of claims
WV713	Waiver agreement, according to Rule 71(3)

(found in <unitary-patent>

DTREG	Date of registration
DTDEC	Date of decision
DTNOT	Date of notification
LCNSC	Date of license commitment
DTREC	Date of receipt
WDRWL	Date of withdrawal
FIACT	Date of filing action
FIDEC	Date of filing decision
FIAPP	Date of filing appeal

Source field name

```
<procedural-step id="STEP_RFPR_12975" procedure-step-phase="examination">
  <procedural-step-code>RFPR</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Request for
further processing</procedural-step-text>
  <procedural-step-text step-text-type="STEP_DESCRIPTION_NAME">Reason
unspecified</procedural-step-text>
  <procedural-step-date step-date-type="DATE_OF_PAYMENT1">
    <date>20050324</date>
  </procedural-step-date>
  <procedural-step-date step-date-type="DATE_OF_REQUEST">
    <date>20050318</date>
  </procedural-step-date>
  <procedural-step-date step-date-type="RESULT_DATE">
    <date>20050411</date>
  </procedural-step-date>
  <procedural-step-result>Request accepted</procedural-step-result>
</procedural-step>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Numeric codes replaced by mnemonic codes;
additional code for Waiver agreement R71(3)

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCEDURAL_DATE_TYPE)

K. Baumeister – 2024-01-30 – UP tables added

6.88 STEP_ID

Name: Id identifying a procedural step

Table: REG201_PROC_STEP, REG202_PROC_STEP_TEXT,
REG203_PROC_STEP_DATE, REG721_PROC_STEP, REG722_PROC_STEP_TEXT,
REG723_PROC_STEP_DATE

Description: Id identifying a procedural step

Default value: n/a

Domain: up to 30 characters

Source field name

```
<procedural-step id="STEP_EXRE_32085" procedure-step-phase="examination">
  <procedural-step-code>EXRE</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Communication from
the examining division</procedural-step-text>
  <procedural-step-date step-date-type="DATE_OF_DISPATCH">
    <date>20070717</date>
  </procedural-step-date>
  <time-limit time-limit-unit="months">04</time-limit>
</procedural-step>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCEDURAL_STEP_ID)

K. Baumeister – 2024-01-30 – UP tables added

6.89 STEP_PHASE

Name: Phase of a procedural step

Table: REG201_PROC_STEP, REG721_PROC_STEP

Description: The phase in which a procedural step happened

Default value: UNDEF

Domain: 5 ASCII characters

UNDEF undefined

EXAMN examination

APEXA	appeal in examination
OPPOS	opposition
APOPP	appeal in opposition
LIMIT	limitation
REGEN	entry-regional-phase
INTEX	international-examination
PROPP	petition-for-review-in-opposition
REVOC	revocation

Source field name

```
<procedural-step id="STEP_EXRE_32085" procedure-step-phase="examination">
  <procedural-step-code>EXRE</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Communication from
the examining division</procedural-step-text>
  <procedural-step-date step-date-type="DATE_OF_DISPATCH">
    <date>20070717</date>
  </procedural-step-date>
  <time-limit time-limit-unit="months">04</time-limit>
</procedural-step>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-10-01 – Numeric codes replaced by mnemonic codes;
additional code for revocation

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCEDURAL_STEP_PHASE)

K. Baumeister – 2024-01-30 – UP tables added

6.90 STEP_RESULT

Name: Procedural step result

Table: REG201_PROC_STEP, REG721_PROC_STEP

Description: Result or outcome of the procedural step

Default value: empty string

Domain: string having one of these values:

- <empty>
- yes
- no
- Request accepted
- Request deemed not to be filed
- Request granted
- Request procedure closed
- Request rejected
- Request withdrawn

Source field name

```
<procedural-step id="STEP_RFPR_12975" procedure-step-phase="examination">
  <procedural-step-code>RFPR</procedural-step-code>
```

```

        <procedural-step-text step-text-type="STEP_DESCRIPTION">Request for
further processing</procedural-step-text>
        <procedural-step-text step-text-type="STEP_DESCRIPTION_NAME">Reason
unspecified</procedural-step-text>
        <procedural-step-date step-date-type="DATE_OF_PAYMENT1">
            <date>20050324</date>
        </procedural-step-date>
        <procedural-step-date step-date-type="DATE_OF_REQUEST">
            <date>20050318</date>
        </procedural-step-date>
        <procedural-step-date step-date-type="RESULT_DATE">
            <date>20050411</date>
        </procedural-step-date>
        <procedural-step-result>Request accepted</procedural-step-result>
    </procedural-step>

```

Comments

A result is available only for certain procedural steps (STEP_CODE is “RAEX”, “RDEC” or “RFPR”).

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCEDURAL_STEP_RESULT);
Moved from table REG205_PRCDDL_STEP_RESULT;
Comment added

M. Kracker – 2017-10-01 – New value “Request accepted” added in domain

K. Baumeister – 2024-01-30 – UP tables added

6.91 STEP_RESULT_TYPE

Name: Result type of procedural step

Table: REG201_PROC_STEP, REG_721_PROC_STEP

Description: Type of result of a procedural step

Default value: empty string

Domain: ‘accepted(yes/no)’, ‘RESULT’ or empty

Source field name

```

<procedural-step id="STEP_RAEX_6" procedure-step-phase="examination">
    <procedural-step-code>RAEX</procedural-step-code>
    <procedural-step-text step-text-type="STEP_DESCRIPTION">Request for
accelerated examination</procedural-step-text>
    <procedural-step-date step-date-type="DATE_RAEX">
        <date>20000104</date>
    </procedural-step-date>
    <procedural-step-date step-date-type="DATE_DECISION_RAEX">
        <date>20031016</date>
    </procedural-step-date>
    <procedural-step-result step-result-
type="accepted(yes/no)">yes</procedural-step-result>
</procedural-step>

```

Comments

See comment of attribute STEP_RESULT.

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-04-01 – Moved from table REG205_PRCDDL_STEP_RESULT;
Comment added

K. Baumeister – 2024-01-30 – UP tables added

6.92 STEP_TEXT

Name: Text of procedural step

Table: REG202_PROC_STEP_TEXT, REG722_PROC_STEP_TEXT

Description: A text relating to the procedural step

Default value: empty string

Domain: up to about 300 characters

Source field name

```
<procedural-step id="STEP_EXRE_32085" procedure-step-phase="examination">
  <procedural-step-code>EXRE</procedural-step-code>
  <procedural-step-text step-text-type="STEP_DESCRIPTION">Communication from
the examining division</procedural-step-text>
  <procedural-step-date step-date-type="DATE_OF_DISPATCH">
    <date>20070717</date>
  </procedural-step-date>
  <time-limit time-limit-unit="months">04</time-limit>
</procedural-step>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCDURAL_TEXT)

K. Baumeister – 2024-01-30 – UP tables added

6.93 STEP_TEXT_TYPE

Name: Type of text for procedural step

Table: REG202_PROC_STEP_TEXT, REG722_PROC_STEP_TEXT

Description: Describes what kind of text is assigned to a procedural step.

Default value: n/a

Domain: up to 30 characters

Examples: "STEP_DESCRIPTION", "YEAR", "Extension states", ..

In the 2014 Autumn Edition there are 13 different values.

Source field name

```
<procedural-step id="STEP_EXRE_32085" procedure-step-phase="examination">
  <procedural-step-code>EXRE</procedural-step-code>
```



```

    <procedural-step-text step-text-type="STEP_DESCRIPTION">Communication from
the examining division</procedural-step-text>
    <procedural-step-date step-date-type="DATE_OF_DISPATCH">
        <date>20070717</date>
    </procedural-step-date>
    <time-limit time-limit-unit="months">04</time-limit>
</procedural-step>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-04-01 – Attribute renamed (was: PROCDURAL_TEXT_TYPE)

K. Baumeister – 2024-01-30 – UP tables added

6.94 TEXT_LG

Name: Language of the text

Table: REG135_TEXT

Description: Language code of the text

Default value: n/a

Domain: 'de', 'en', 'fr' or empty, which stands for German, English or French texts, or unknown language

Source field name

```

<text change-date="20090605" change-gazette-num="2009/28" lang="DE">EPB 2009/28:
EP 1026346 B2 wurde irrtümlich publiziert (EPB 2006/01 und 2006/02); es war kein
Einspruchsverfahren anhängig.</text>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-10-01 – Version 3.00

6.95 TIME_LIMIT

Name: Time limit

Table: REG201_PROC_STEP, REG721_PROC_STEP

Description: A time limit involved in this procedural step

Default value: empty string

Domain: up to 10 characters

Typical examples: = empty, '01', '06', '12', 'M04' (which stands for 4 month);
in rare cases values like [1986/51] which stands for a deadline in week 51 of year 1986;

Source field name

```

<procedural-step id="STEP_EXRE_32085" procedure-step-phase="examination">

```

```

        <procedural-step-code>EXRE</procedural-step-code>
        <procedural-step-text step-text-type="STEP_DESCRIPTION">Communication from
the examining division</procedural-step-text>
        <procedural-step-date step-date-type="DATE_OF_DISPATCH">
            <date>20070717</date>
        </procedural-step-date>
        <time-limit time-limit-unit="months">04</time-limit>
    </procedural-step>

```

Comments

See also attribute TIME_LIMIT_UNIT

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.96 TIME_LIMIT_UNIT

Name: Time limit unit

Table: REG201_PROC_STEP, REG721_PROC_STEP

Description: The unit of the limit involved in this procedural step

Default value: empty string

Domain: up to 6 characters; currently the only non-default value is 'months'

Source field name

```

<procedural-step id="STEP_EXRE_32085" procedure-step-phase="examination">
    <procedural-step-code>EXRE</procedural-step-code>
    <procedural-step-text step-text-type="STEP_DESCRIPTION">Communication from
the examining division</procedural-step-text>
    <procedural-step-date step-date-type="DATE_OF_DISPATCH">
        <date>20070717</date>
    </procedural-step-date>
    <time-limit time-limit-unit="months">04</time-limit>
</procedural-step>

```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.97 TITLE

Name: Title

Table: REG110_TITLE

Description: The title of the patent application in an official language of the EPO

Default value: n/a

Domain: up to about 1500 characters

Source field name

`<invention-title change-gazette-num="2000/36" lang="en">Broadly reactive opsonic antibodies that react with common staphyloccocal antigens</invention-title>`

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.98 TITLE_LG

Name: Title language

Table: REG110_TITLE

Description: The language of the application title: English, French or German

Default value: n/a

Domain: 2 characters: en, fr or de

Source field name

`<invention-title change-gazette-num="2000/36" lang="en">Broadly reactive opsonic antibodies that react with common staphyloccocal antigens</invention-title>`

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

6.99 TYPE

Name: Type of party

Table: REG107_PARTIES, REG108_APPLICANT_STATES, REG707_PARTIES

Description: Type of party ("A" for applicant / "I" for inventor / "R" for legal representative). In table REG108_APPLICANT_STATES the attribute TYPE always has value "A".

Default value: n/a

Domain: 1 character (A | I | R)

Source field name

If part of /register-document/bibliographic-data/parties/applicants/applicant XPath: "A".

If part of /register-document/bibliographic-data/parties/inventors/inventor XPath: "I".

If part of /register-document/bibliographic-data/parties/agents/agent XPath: "R".

Comments

Table REG108_APPLICANT_STATES is only relevant for applicants; therefore TYPE is always "A".

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2016-10-01 – TYPE has been added to table REG108_APPLICANT_STATES

K. Baumeister – 2024-01-30 – UP tables added

6.100 TYPE_LICENSE

Name: The type of the license

Table: REG111_LICENSEE, REG711_LICENSEE

Description: The type of the license: exclusive, not exclusive or right *in rem*

Default value: n/a

Domain: 3 ASCII characters

NOL no license (occurs if and only if LICENSEE_SEQ_NR = 'deleted')

EXC exclusive licence

NEX non-exclusive licence

RIR right in rem

Source field name

```
<licensee-data change-gazette-num="2001/39">
  <licensee designation="all" sequence="01 00" type-license="exclusive">
    <addressbook>
      <name>Biosynexus Inc.</name>
      <address>
        <address-1>9610 Medical Center Drive, Suite
          100</address-1>
        <address-2>Rockville, Maryland 20852</address-2>
        <country>US</country>
      </address>
    </addressbook>
    <date>20010502</date>
  </licensee>
</licensee-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

M. Kracker – 2015-04-01 – Numeric codes replaced by mnemonic codes

K. Baumeister – 2024-01-30 – UP tables added

6.101 VALID_DATE

Name: Date when the license became valid

Table: REG111_LICENSEE, REG711_LICENSEE

Description: Date when the license became valid

Default value: 9999-12-31

Domain: Date (up to 9999-12-31)

Source field name

```
<licensee-data change-gazette-num="2001/39">
  <licensee designation="all" sequence="01 00" type-license="exclusive">
    <addressbook>
      <name>Biosynexus Inc.</name>
      <address>
        <address-1>9610 Medical Center Drive, Suite
          100</address-1>
        <address-2>Rockville, Maryland 20852</address-2>
        <country>US</country>
      </address>
    </addressbook>
    <date>20010502</date>
  </licensee>
</licensee-data>
```

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

6.102 WISHES_TO_BE_PUBLISHED

Name: Indicates that inventor has agreed to waive his entitlement for designation

Table: REG107_PARTIES, REG707_PARTIES

Description: Inventor can agree to waive his entitlement for designation. The EP register then does not publish name or address of those inventors. Nevertheless, it is explicit that there *is* an inventor, even if name and address are not given.

Default value: empty

Domain: up to 1 character (empty or 'N')

Source field name

```
<inventor sequence="01" wishes-to-be-published="no">
  <addressbook>
    <name/>
    <address>
      <country/>
    </address>
  </addressbook>
</inventor>
```

If the XML attribute "wishes-to-be-published" is present and it is set to "no", then the attribute WISHES_TO_BE_PUBLISHED is set to 'N'. Otherwise the default value (empty string) is set.

Comments

n/a

Modification history

Author of update - Date of update - Explanation of update

M. Kracker – 2015-04-01 – Version 2.00

K. Baumeister – 2024-01-30 – UP tables added

7 Detailed description of procedural steps

The data about procedural steps is part of the EP/UP register, but it is not or not entirely published in the bulletin.

7.1 Detailed description of procedural steps in EP register

The data is contained in table REG201_PROC_STEP and its dependent tables. Within these tables attribute STEP_CODE identifies the kind of the procedural steps. There are more than 40 different codes. Depending on the code, additional data may be available.

The following subsections describe each kind of procedural step in more detail. The subsections are alphabetically sorted by the procedural step code.

You can find the **date types** in attribute STEP_DATE_TYPE of table REG203_PROC_STEP_DATE.

You can find the **time limit** in the attributes TIME_LIMIT and TIME_LIMIT_UNIT of table REG201_PROC_STEP.

You can find the **text types** in attribute STEP_TEXT_TYPE of table REG202_PROC_STEP_TEXT.

The text type STEP_DESCRIPTION contains the name of the procedural step. It is only documented here for procedural steps codes which have more than one name variant.

You can find the **bulletin date** in the attributes BULLETIN_YEAR and BULLETIN_NR of table REG201_PROC_STEP.

7.1.1. ABEX – Amendments by applicant

This procedural step contains information about amendments made by the applicant to the description or the claims (A.123 EPC).

Date types

Date of request (REQST)
The date the amendment was made

Text type

Kind of Amendment
The nature of the amendment may have the values

- (claims and/or description)
- (observation filed on)
- (description only)

Published in Bulletin: never

7.1.2. ACOR – Amendment or corrections

This procedural step contains information about the despatch of the invitation to pay additional claims fees after the request for amendment / correction of the text intended for grant has been allowed as well as the date of payment of the additional claims fees.

Date types

Date of dispatch (DISPA)

The date when the invitation to pay additional fees was sent

Date of payment 1 (PAYM1)

The date of payment of the additional fee

Time limit

The time limit given to the proprietor for paying (months)

Text type

n/a

Published in Bulletin: never

7.1.3. ADWI – Application deemed to be withdrawn

This procedural step contains information about the fact that the applicant has been informed in accordance with R.112(1) EPC that the application is deemed to be withdrawn. This situation can occur for various reasons such as non-payment of a fee, failure to supply a document, etc.

Date types

Date of dispatch (DISPA)

The date the communication was sent out

Date effective (EFFEC)

The date of legal effect of the decision that the application is deemed to be withdrawn.

Text type

STEP_DESCRIPTION_NAME

The reason why the application is deemed to be withdrawn may have the values

- Application not forwarded to EPO in time
- Filing fee / search fee not paid in time
- Translation not filed in time

- Date of filing cannot be accorded
- Designation fee not paid in time
- No designation of inventor filed
- Examination fee not paid in time
- Article 162(4) of EPC1973
- Renewal fee not paid in time
- Fee for grant / fee for printing not paid in time
- Reply to examination report not received in time
- Reply to communication from Board of Appeal not received in time
- A new European patent application has been filed
- No new representative appointed in time after interruption
- Non-payment of additional claims fee
- EURO-PCT translation(s) not filed
- divisional application deemed not to have been filed
- WIPO withdrawal
- Claims fee not paid in time
- Information on prior art not received in time
- Reply to examination report and information on prior art not received in time
- Reply to the Extended European Search Report/Written Opinion of the International Searching Authority/International Preliminary Examination Report not received in time
- Reply to the invitation to file a copy of earlier search results or a statement of non-availability not received in time"

Published in Bulletin: sometimes

7.1.4. AGRA – Announcement of Grant

This procedural step contains information about the announcement of the grant, as described in the old version of EPC 1973, valid until 1 July 2002, R.51(4).

Date types

Date of dispatch (DISPA)

The date the dispatch of the announcement

Date of later approval (LAPPR)

The date of this later approval if the approval (see below) was given after expiry of the normal time limit

Text type

AGRA

With the value "announcement of grant"

approval

If the approval of the announcement was given within the time limit or later, the fact of approval will be present by a value "yes", "no" or "later approval".

Published in Bulletin: never

7.1.5. CDEC – Request for correction of the decision to the grant

This procedural step contains the information concerning the request for correction of the decision to the grant.

Date types

Date of dispatch (DISPA)
The date the request was sent

Text type

n/a

Published in Bulletin: never

7.1.6. CORS – Correction of search report

This procedural step contains information about the fact that new documents were discovered by the examiner after completion of the search report, leading to a corrected search report.

Date types

Date of dispatch (DISPA)
The date the corrected search report was communicated

Text type

n/a

Published in Bulletin: in most cases

7.1.7. DDIV – Divisional application

This procedural step contains information about the date of the first communication from the examining division relevant to the time limit for filing a (further) divisional application as described in R.36 of the EPC.

Date types

Date of dispatch (DISPA)
The date of dispatch of the communication

Text type

APPLICATION_NUMBER
The number of the application in which this communication was sent out, this can be either the application itself or a parent application.

Published in Bulletin: never

7.1.8. DEST – Payment of designation fee

This procedural step contains information about the date of the first payment of a designation fee, as one of the steps required to enter the regional phase for an international application.

Date types

Date of payment (PAYMN)
Date of first payment of a designation fee

Text type

n/a

Published in Bulletin: never

7.1.9. DOBS – Opposition: Reply to observations of proprietor

This procedural step contains information about the invitation to the opponents to reply to the observations of the proprietor in accordance with R.79(3) EPC.

Date types

Date of dispatch (DISPA)
The date the dispatch of the invitation

Date of reply (REPLY)
The date of the reply by the proprietor

Time limit

Time limit given to the proprietor for replying (month)

Text type

n/a

Published in Bulletin: never

7.1.10. EXAM_PCT – Payment of examination fee

This procedural step contains information about the date of payment of the fee for examination as one of the steps required for entering the regional phase of an international application.

Date types

Date of payment (PAYMN)
The date of payment of the fee for examination

Text type

n/a

Published in Bulletin: never

7.1.11. EXPT – Extension of patent to extension states

This procedural step contains information about the non-member states (at the time of filing of the application) to which the patent is extended.

The WIPO ST.3 code of the state is in a procedural-step-text element with attribute step-text-type = "Extension states".

Date types

Date of payment (PAYMN)
The date the payment of the extension fee

Text type

Extension state
The ST.3 code of the extension state

Published in Bulletin: never

7.1.12. EXRE – Examination report

This procedural step contains information about the dispatch of and reply to a communication from the examining division (examiners report) during the examination phase.

Date types

Date of dispatch (DISPA)

The date of dispatch of the communication

Date of reply (REPLY)

The date of the receipt of the reply

Time limit

The time limit allowed for replying (months)

Text type

STEP_DESCRIPTION

Kind of communication which may have the values

- Communication from the examining division
- Invitation to indicate the basis for amendments
- Despatch of a communication from the examining division to which search results under Rule 164(2) EPC are annexed
- Communication of intention to grant the patent to which search results under Rule 164(2) EPC are annexed

Published in Bulletin: never

7.1.13. FFEE – Payment of national basic fee

This procedural step contains information about the date of payment of the national basic fee as one of the steps required for entering the regional phase of an international application.

Date types

Date of payment (PAYMN)

The date the payment

Text type

n/a

Published in Bulletin: never

7.1.14. IDOP – Interlocutory revision of the opposition

This procedural step contains information about the interlocutory revision of the opposition in accordance with A.101(3)(a) and A.106(2) EPC.

Date types

Date of dispatch (DISPA)
The date of dispatch of the decision

Date effective (EFFEC)
The date the decision became effective

Text type

n/a

Published in Bulletin: never

7.1.15. IGRA – Intention to grant

This procedural step contains information concerning the intention to grant as described in R.71(3) EPC.

If multiple intentions to grant were issued due to the lack of agreement on the text to be granted, each occurrence will be provided.

Date types

Date of dispatch (DISPA)
The date of dispatch of the information to the applicant

Grant fee paid (GRNTF)
The date of payment of the fee for grant

Print fee paid (PRNTF)
The date of payment of the fee for printing the patent specification

Text type

n/a

Published in Bulletin: never

7.1.16. IGRE – Amendments to intention to grant

This procedural step contains information about the amendments or corrections related to the intention to grant as described in R.71(6) EPC.

If multiple intentions to grant (see section 7.15 “IGRA – Intention to grant”) were issued due to the lack of agreement on the text to be granted, each occurrence will be provided as indicated above.

Date types

Date of reply (REPLY)

The date of reply of the amendments or corrections requested by the applicant

Text type

n/a

Published in Bulletin: never

7.1.17. ISAT – International Search Authority

This procedural step contains information about the office code of the International Searching Authority for an international application. The EPO is one of the possible International Searching Authorities (A.152 EPC).

Date types

Date of dispatch (DISPA)

The date the communication was sent out

Text type

searching authority

The ST.3 office code of the International Searching Authority

Published in Bulletin: never

7.1.18. LIRE – Reply to limitation

This procedural step contains information about the dispatch of and reply to a communication from the examining division during the procedure of limitation of the patent.

Date types

Date of dispatch (DISPA)

The date of dispatch of the communication

Date of reply (REPLY)

The date of the receipt of the reply

Time limit

The time limit allowed for replying (month)

Text type

n/a

Published in Bulletin: never

7.1.19. LOPR – Loss of patent rights

This procedural step contains information about the loss of rights as described in R.112(1) EPC).

Date types

Date of dispatch (DISPA)

The date of dispatch of the communication of a loss of rights

Date effective (EFFEC)

The date when the loss of rights became effective

Text type

STEP_DESCRIPTION_NAME

The nature of the lost right which may have the values

- "Designated state *cc*" where *cc* is a country/territory code
- Drawing(s)
- Claims
- "Priority *nn*" where *nn* is the sequence number of the priority
- Additional claims
- "Opposition inadmissible *OPnn*" where *nn* is the sequence number of the opponent
- "Opposition deemed not filed *OPnn*" where *nn* is the sequence number of the opponent
- Request for further processing
- Notice of appeal
- Re-establishment of rights
- Request for revocation
- Request for limitation

Published in Bulletin: never

7.1.20. OBAP – Observations in an appeal

This procedural step contains information about the invitation to file observations in an appeal, and the receipt of them, as described in R.100(2) EPC.

Date types

Date of dispatch (DISPA)
The date of dispatch of the invitation

Date of reply (REPLY)
The date of receipt of the observations

Time limit

The time limit allowed for filing the observations (months).
In very few cases a deadline like [1986/51] is given, which stands for week 51 in year 1986.

Text type

n/a

Published in Bulletin: never

7.1.21. OBSO – Observations on an opposition

This procedural step contains information about the invitation to the proprietor of the patent to file observations on the opposition in accordance with R.79(1) and (2) EPC.

Date types

Date of dispatch (DISPA)
The date of dispatch of the invitation

Date of reply (REPLY)
The date of reply by the proprietor

Time limit

The time limit given to the proprietor for replying (months)

Text type

n/a

Published in Bulletin: never

7.1.22. OPEX – Examination of admissibility of opposition

This procedural step contains information about the examination on admissibility of the opposition as described in R.77(2) EPC.

Date types

Date of dispatch (DISPA)

The date of dispatch of the communication

Date of reply (REPLY)

The date of reply to this communication

Text type

sequence-number

The sequence number of the opponent to whom the communication was sent. This sequence number corresponds to the attribute OPPONENT_SEQ_NR in table REG130_OPPONENT.

Published in Bulletin: never

7.1.23. OPPC – Termination of opposition

This procedural step contains information about the termination of the opposition procedure, for instance because of withdrawal of the opposition.

Date types

Date of dispatch (DISPA)

The date of dispatch of the communication

Date effective (EFFEC)

The date when the termination takes legal effect.

Text type

n/a

Published in Bulletin: mostly

7.1.24. ORAL – Oral proceeding

This procedural step contains information about an oral proceeding as described in R.115 and R.124 EPC.

Date types

Date of request (REQST)

The date when the oral proceedings took place

Date of dispatch (DISPA)

The date of dispatch of the minutes of the oral proceedings

Date of cancellation (CANCT)

The date of cancellation of the oral proceedings

Procedural Phase

The attribute STEP_PHASE in table REG201_PROC_STEP indicates the procedure during which the oral proceedings took place, It may be one of these values:

- examination"
- appeal-in-examination
- petition-for-review-in-examination
- opposition
- appeal-in-opposition
- petition-for-review-in opposition
- limitation
- appeal-in-limitation
- petition-for-review-in-limitation
- revocation
- appeal-in-revocation
- petition-for-review-in-revocation"

Text type

n/a

Published in Bulletin: never

7.1.25. OREX – Opposition: Reply to examiner

This procedural step contains information about the dispatch of and reply to a communication from the examining division during the opposition procedure as described in A.101(2) and R.81(2) EPC.

Date types

Date of dispatch (DISPA)

The date of dispatch of the communication

Date of reply (REPLY)

The date of receipt of the reply

Time limit

The time limit allowed for replying (months)

Text type

n/a

Published in Bulletin: never

7.1.26. PART – Prior art

This procedural step contains information about the invitation to provide information on prior art as described in A.124 EPC.

Date types

Date of dispatch (DISPA)
The date of dispatch of the invitation

Date of reply (REPLY)
The date of reply by the proprietor

Text type

n/a

Published in Bulletin: never

7.1.27. PFEE – Payment of additional fees

This procedural step contains information about the payment of surcharges / additional fees for various other fees as described in Rules 85a and 85b EPC1973, and R.51(2) EPC.

Date types

Date of dispatch (DISPA)
The date of dispatch of the communication that an additional payment is due

Date of payment 1 (PAYM1)
The date of payment of the additional fee

Time limit

The time limit allowed for paying the additional fee (months)

Text type

STEP_DESCRIPTION
- Additional fee for renewal fee
- Penalty fee Rule 85a EPC 1973
- Penalty fee Rule 85b EPC 1973

STEP_DESCRIPTION_NAME

The subject of the fee that was paid late or not in a sufficient amount

Published in Bulletin: never

7.1.28. PMAP – Preparation for maintenance

This procedural step contains information about the preparation for maintenance of the patent in an amended form, as described in R.82(1) and (2) EPC.

Date types

Date of dispatch (DISPA)

The date of dispatch of the communication that the patent will be maintained as amended

Date of payment 1 (PAYM1)

The date of payment of the fee (R.82(2) EPC)

Text type

n/a

Published in Bulletin: never

7.1.29. PREX – Preliminary examination

This procedural step contains information about the preliminary examination for an international application (Chapter 2 PCT).

Date types

Date of request (REQST)

The date of the request for preliminary examination

Procedural phase

The attribute STEP_COUNTRY in table REG201_PROC_STEP contains the code of the office where the preliminary examination was carried out

Text type

n/a

Published in Bulletin: never

7.1.30. PROL – Procedural language

This procedural step contains information about the procedure language of the application ("de", "en" or "fr") as meant in R.3 EPC.

Date types

n/a

Text type

procedure language
Contains the language code ("de", "en" or "fr").

Published in Bulletin: never

7.1.31. RAEX – Request for accelerated examination

This procedural step contains information about the request for accelerated examination.

Note: For requests for accelerated examination filed from 2 December 2001, the EPO is no longer allowed to provide the information about the request.

Date types

Date of Request for Accelerated Examination RAEX (RAEXA)
The date when the request for accelerated examination was filed

Decision date of Request for Accelerated Examination RAEX (DRAEX)
The date when a decision was taken about the request for accelerated examination

Decision about the request

The attribute STEP_RESULT in table REG201_PROC_STEP contains the decision (yes/no) about the request where STEP_RESULT_TYPE = "accepted(yes/no)"

Text type

n/a

Published in Bulletin: never

7.1.32. RDEC – Request for decision after loss of rights

This procedural step contains information about the request for a decision after the loss of rights as described in R.112(2) EPC).

Date types

Date of request (REQST)

The date of receipt of the request for decision

Result date (RESLT)

The date when a decision on the request was taken

Decision about the request

The attribute STEP_RESULT in table REG201_PROC_STEP contains the decision in clear text where STEP_RESULT_TYPE = "RESULT". It may have the values

- request deemed not to be filed
- request rejected
- request accepted
- request withdrawn
- request procedure closed

Text type

STEP_DESCRIPTION_NAME

The subject of the request which may have the values

- designated state(s)
- Drawings
- Claims
- Priority
- Additional claims
- Admissibility of opposition
- Opposition is deemed not to be filed
- Request for further processing
- Notice of appeal
- Request for re-establishment of rights
- Revocation of patent by proprietor
- Request for limitation
- Application is deemed to be withdrawn
- Various

Published in Bulletin: never

7.1.33. REES – Re-establishment of rights

This procedural step contains information about the procedure for re-establishment of rights (A.122 EPC).

As both the request and the decision are published, two procedural-step elements can be present for the same request.

Date types

Date of request (REQST)

The date when the request for re-establishment was made

Result date (RESLT)

The date when a decision on the request was taken.

Text type

STEP_DESCRIPTION_NAME

The nature of the decision. It may have the values

- Request deemed not to be filed
- Request rejected
- Request accepted
- Request withdrawn
- Request procedure closed

Published in Bulletin: sometimes

7.1.34. REFU – Refusal of application

This procedural step contains information about the refusal of the application as described in A.97(2) and A.90(5) EPC.

Date types

Date of dispatch (DISPA)

The date of dispatch of the notification that the application will be refused

Date effective (EFFEC)

The date when the refusal took legal effect.

Text type

kind of refusal

The reason for the refusal which may have the values

- "For Article 91(3) Receiving Section" (NB this refers to EPC1973).
- For Article 97(2) Examining Division
- Substantive examination

Published in Bulletin: sometimes

7.1.35. REJO – Rejection of opposition

This procedural step contains information about the rejection of the opposition as described in A.101(2) EPC.

Date types

Date of dispatch (DISPA)

The date of dispatch of the notification(s) that the opposition will be rejected

Date effective (EFFEC)

The date when the rejection took legal effect

Text type

n/a

Published in Bulletin: mostly

7.1.36. REJR – Rejection of request for revocation

This procedural step contains information about the rejection of the request for revocation of the patent as described in R.94 EPC.

Date types

Date of dispatch (DISPA)

The date of dispatch of the notification that the request for revocation of the patent will be rejected

Date effective (EFFEC)

The date when the rejection of the request took legal effect

Text type

n/a

Published in Bulletin: mostly

7.1.37. REVO – Revocation of patent

This procedural step contains information about the revocation of the patent as described in A.101(2) EPC.

Date types

Date of dispatch (DISPA)

The date of dispatch of the notification(s) that the patent will be revoked

Date effective (EFFEC)

The date when the revocation took legal effect

Text type

n/a

Published in Bulletin: mostly

7.1.38. RFEE – Renewal fee payment

This procedural step contains information about the payment of a renewal fee (A.86 EPC).

Date types

Date of payment (PAYMN)

The date of payment

Text type

YEAR

The ordinal year since the filing for which the payment was made

Published in Bulletin: never

7.1.39. RFPR – Request for further processing

This procedural step contains information about a request for further processing as meant in A.121 EPC.

Date types

Date of request (REQST)

The date when the request for further processing was received

Date of payment 1 (PAYM1)

The date of payment of the fee for further processing

Result date (RESULT)

The date when a decision about the request was taken

Decision about the request

The attribute STEP_RESULT in table REG201_PROC_STEP contains the decision

in clear text. It may have the values

- Request deemed not to be filed
- Request rejected
- Request granted
- Request withdrawn
- Request procedure closed
- or the field may be empty

Text type

STEP_DESCRIPTION_NAME

Under EPC1973, a request for further processing always concerned a total loss of the application so no further qualification of the kind of request was necessary. Under EPC2000, a failure to observe almost any time limit can lead to a request for further processing. Therefore a description of the cause leading to the request for further processing is given which may have the values

- An appeal is considered to be inadmissible
- An appeal is deemed not to have been filed
- The application is deemed to be withdrawn due to deficiencies in an appeal
- The application is deemed to be withdrawn due to non-payment of designation fees for cc" (where cc is a country/territory code)
- The application is deemed to be withdrawn due to non-payment of the examination fee
- The application is deemed to be withdrawn due to failure to reply to the examination report
- The application is deemed to be withdrawn due to non-payment of the filing fee
- The application is deemed to be withdrawn due to failure to appoint a representative
- The application is deemed to be withdrawn due to failure to file the authorisation of the representative
- The application is deemed to be withdrawn due to failure to fulfil actions required for granting the patent
- The application is deemed to be withdrawn due to failure to file the designation of inventor
- The application is deemed to be withdrawn due to failure to indicate the wish to proceed further with the application
- The application is deemed to be withdrawn due to failure to provide information on prior art
- The application is deemed to be withdrawn due to non-payment of the search fee
- The application is deemed to be withdrawn due to failure to file the translation
- The application is deemed to be withdrawn due to failure to reply to the Extended European Search Report/Written Opinion of the International Searching Authority/International Preliminary Examination Report
- Loss of rights: Disclosure of the invention
- Loss of rights: Claims
- Loss of rights: Designated contracting state(s) cc" where cc is a country/territory code
- Loss of rights: Authorisation of representative
- "Loss of rights: Priority document nn" where nn is the sequence number of the priority that was lost
- "Loss of rights: translation of priority document nn" where nn is the sequence number of the priority that was lost
- The application was refused due to failure to meet formal requirements
- The application was refused due to failure to appoint a representative
- The application was refused due to failure to file the authorisation of the representative
- The application was refused due to failure to designate an inventor
- The application was refused due to failure to file the sequence listing
- The application was refused due to non-payment of the late furnishing fee for the sequence listing
- Extension request deemed withdrawn in respect of cc" where cc is a country/territory code
- Translation of document not provided
- The application is deemed to be withdrawn due to failure to reply to the invitation to file a copy of

earlier search results or a statement of non- availability

Published in Bulletin: never

7.1.40. SFEE – Supplementary fee payment

This procedural step contains information about the date of payment of the fee for a supplementary search (A.153(7) EPC) as one of the steps required for entering the regional phase of an international application.

Date types

Date of payment (PAYMN)
The date of payment

Text type

n/a

Published in Bulletin: never

7.1.41. TIPA – Third party observations

This procedural step contains information about the presentation of observations by third parties (A.115 EPC).

Date types

Date of request (REQST)
The date when the observation was received

Text type

STEP_IDENTIFICATION (??)
The sequence number of the observation

Published in Bulletin: never

7.1.42. TRAN – Translation

This procedural step contains information about the date of receipt of the translation as one of the steps required for entering the regional phase of an international application.

Date types

Date of receipt (RECPT)
The date of receipt

Text type

n/a

Published in Bulletin: never

7.1.43. VAPT – Extension of patent to validation states

This procedural step contains information about validation states (at the time of filing of the application) to which the patent is extended.

The WIPO ST.3 code of the state is in a procedural-step-text element with attribute step-text-type = "Validation states".

Date types

Date of payment (PAYMN)
The date the payment of the extension fee

Text type

Validation state
The ST.3 code of the extension state

Published in Bulletin: never

7.1.44. WINT – Withdrawal during internat. phase

This procedural step contains information about the withdrawal of an application during the International Phase, i.e., before the start of the EP procedure.

Date types

Date of request (REQST)
The date of withdrawal in the International Phase

Text type

n/a

Published in Bulletin: never

7.2 Detailed description of procedural steps in UP register

The data about procedural steps is part of the UP register, but it is not or not entirely published in the bulletin.

The data is contained in table REG721_PROC_STEP and its dependent tables. Within these tables attribute STEP_CODE identifies the kind of the procedural steps. There are more than 15 different codes. Depending on the code, additional data may be available.

The following subsections describe each kind of procedural step in more detail. The subsections are alphabetically sorted by the procedural step code.

You can find the **date types** in attribute STEP_DATE_TYPE of table REG723_PROC_STEP_DATE.

You can find the **time limit** in the attributes TIME_LIMIT and TIME_LIMIT_UNIT of table REG721_PROC_STEP.

You can find the **text types** in attribute STEP_TEXT_TYPE of table REG722_PROC_STEP_TEXT.

The text type STEP_DESCRIPTION contains the name of the procedural step. It is only documented here for procedural step codes which have more than one name variant.

You can find the **bulletin date** in the attributes BULLETIN_YEAR and BULLETIN_NR of table REG721_PROC_STEP.

7.2.1. ILIC – Intention to license

This procedural step contains information concerning the filing or withdrawal of the intention to license.

Date types

REQST: DATE_OF_REQUEST
WDRWL: DATE_OF_WITHDRAWAL

Text type

STEP_DESCRIPTION: Intention to licence
n/a

Published in Bulletin: mostly

7.2.2. LAPS – Lapse of unitary effect

This procedural step contains information concerning the lapse of unitary effect. The kind of lapse code is in a procedural-step-text element.

Date types

EFSEC: DATE_EFFECTIVE

Text type

Kind Code

Kind Code	Reference	Definition
01	R14(1)(b)/R13 (RFEE)	Renewal fee not paid
02	R14(1)(b)/R10(4) (PBKFEE)	Compensation fee not paid back
03	R14(1)(b)/R13/R10(4) (RFEE/PBKFEE)	Renewal & compensation fees not paid
04	R14(1)(a)	End 20 th year

Published in Bulletin: mostly

7.2.3. PFEE – Payment of additional fees

This procedural step contains information concerning the payment of additional fees.

Date types

DISPA: DATE_OF_DISPATCH
PAYMN: DATE_OF_PAYMENT

Text type

STEP_DESCRIPTION: Additional fee for renewal fee
YEAR: year number

Published in Bulletin: never

7.2.4. REES – Reestablishment of rights

This procedural step contains information concerning the reestablishment of rights.

Date types

REQST: DATE_OF_REQUEST
DTNOT: DATE_OF_NOTIFICATION

Text type

STEP_DESCRIPTION: Request for re-establishment of rights

Procedural step results

Request deemed not to be filed
Request rejected
Request accepted
Request withdrawn
Request procedure closed

Published in Bulletin: sometimes

7.2.5. RFEE – Renewal fees for unitary patent protection

This procedural step contains information concerning the payment of renewal fees for unitary patent protection.

Date types

PAYMN: DATE_OF_PAYMENT

Text type

STEP_DESCRIPTION: Renewal fee payment
YEAR: year number

Published in Bulletin: never

7.2.6. UDEC – Decision on registration of unitary effect

This procedural step contains information concerning the decision on the registration of unitary effect.

Date types

DTDEC: DATE_OF_DECISION

Text type

N/A

Procedural step result

Positive
Negative

Published in Bulletin: mostly

7.2.7. UDFI – Filing request for unitary effect

This procedural step contains information concerning the filing request of the unitary patent protection.

Date types

REQST: DATE_OF_REQUEST

Text type

STEP_DESCRIPTION: The request for unitary effects

Published in Bulletin: mostly

7.2.8. UDLA – Unitary patent deemed lapsed

This procedural step contains information concerning the unitary patent deemed lapsed.

Date types

DTNOT: DATE_OF_NOTIFICATION

Text type

STEP_DESCRIPTION: Renewal fees not paid – Unitary Patent Protection lapsed

Published in Bulletin: mostly

7.2.9. UDWI – Withdrawal of request for unitary effect

This procedural step contains information concerning the withdrawal of request for unitary effect.

Date types

DISPA: DATE_OF_DISPATCH

Text type

STEP_DESCRIPTION: Date of receipt of withdrawal of Request for Unitary Effect

Published in Bulletin: mostly

7.2.10. UIMS – Information from national authorities

This procedural step contains information concerning information from national authorities.

Date types

DTREC: DATE_RECEIPT

Text type

NAT_AUTHORITIES: country code of the member state

Published in Bulletin: never

7.2.11. ULCI – Licensing commitments

This procedural step contains information concerning licensing commitments in international standardisation bodies.

Date types

LCNSC: DATE_LCNS_COMMIT

Text type

TEXT_LCNS_COMMIT: free text

Published in Bulletin: never

7.2.12. UPCA – Pending actions before the UPC

This procedural step contains information concerning pending actions on proceedings before the UPC.

Date types

FIACT: DATE_FILING_ACTION

Text type

CASE_NUMBER_ACTION: case number issued by the UPC
ID_ACTION: number of ID

Published in Bulletin: never

7.2.13. UPCC – Appeals filed against the UPC decisions

This procedural step contains information concerning appeals filed against UPC decisions.

Date types

FIAPP: DATE_FILING_APPEAL

Text type

CASE_NUMBER_APPEAL: case number of the appeal issued by the UPC
ID_APPEAL: id number of the appeal issued by the UPC
REF_UPCD_ID_DECISION: reference of UPC decision

Published in Bulletin: never

7.2.14. UPCD – Decisions dispatched by the UPC

This procedural step contains information concerning decisions dispatched by the UPC.

Date types

FIDEC: DATE_FILING_DECISION

Text type

REF_DECISION: ECLI number of the decision
ID_APPEAL: id number of the appeal issued by the UPC
REF_UPCD_ID_ACTION: reference of UPC action
CODE_DECISION: REJECTED, INFRINGED, VALID, REVOKED,
REVOKED_IN_PART

Published in Bulletin: never

7.2.15. UPCE – Decisions on appeals by the UPC

This procedural step contains information concerning decisions on appeals by the UPC.

Date types

FIDEC: DATE_FILING_DECISION

Text type

REF_DECISION: ECLI number of the decision
REF_UPCC_ID_APPEAL: reference of UPC appeal

Published in Bulletin: never

7.2.16. UREG – Registration of unitary effect

This procedural step contains information concerning the registration of unitary effect.

Date types

DTREG: DATE_REGISTRATION
EFFEC: DATE_EFFECTIVE

Text type

STEP_DESCRIPTION: Date of registration of unitary effect
UNITARY_STATES: list of country codes

Published in Bulletin: mostly

8 History of major changes to tables and attributes

Edition	Changes
2013 October	First public version
2014 Spring	• Changed REG116_PAT_CITATION.KIND to PUBLN_KIND • Changed REG117_RELATION.STATUS to RELATION_STATUS • Changed REG117_RELATION.KIND to RELATION_KIND • Added IS_LATEST • Added SET_SEQ_NR • Added WISHES_TO_BE_PUBLISHED • Changed CITED_IN: added 5 = international-search-report; changed 6 = undefined
2014 Autumn	• Rename table REG101_DOCUMENT to REG101_APPLN and merge REG104_APPLN into REG101_APPLN • New attribute SET_SEQ_NR in table REG108_APPLICANT_STATES • Removed attributes which are empty or have a constant value: • reg107_parties.address_3 • reg107_parties.nationality • reg107_parties.residence • reg115_npl_citation.bulletin_year • reg115_npl_citation.bulletin_nr • reg115_npl_citation.doi • reg116_pat_citation.bulletin_year • reg116_pat_citation.bulletin_nr • reg116_pat_citation.date • reg116_pat_citation.publn_kind • reg117_relation.bulletin_year • reg117_relation.bulletin_nr • reg117_relation.date • reg119_bio_deposit.bulletin_year • reg119_bio_deposit.bulletin_nr • reg119_bio_deposit.depositary • reg119_bio_deposit.address_1 • reg119_bio_deposit.address_2 • reg119_bio_deposit.num • reg119_bio_deposit.bio_accno • reg125_appeal.bulletin_year • reg125_appeal.bulletin_nr • reg126_revocation.bulletin_year • reg126_revocation.bulletin_nr • reg126_revocation.revocation_procedure_decision • reg126_revocation.revocation_procedure_paid • reg126_revocation.revocation_dispatch_date • reg126_revocation.revocation_legal_effect_date • reg127_petition_rvw.bulletin_year

	• reg127_petition_rvw.bulletin_nr • reg128_limit_filing.bulletin_year • reg128_limit_filing.bulletin_nr • reg129_limit_rejection.bulletin_year • reg129_limit_rejection.bulletin_nr • reg130_limit_allowed.bulletin_year • reg130_limit_allowed.bulletin_nr • reg131_oppostn.opponent_address_3 • reg136_search_report.search_report_id • reg137_oppostn_agent.agent_address_3 • reg201_prcdrl_step.bulletin_date • Remove attribute REG108_APPLICANT_STATES.TYPE • Remove attribute REG135_TEXT.TEXT_LG • Update STATUS attribute with new value 16 • Update PROCEDURAL_DATE_TYPE attribute with new value 16
2015 Spring	• Changed values of the attribute STATUS of table REG101_APPLN. Although the domain is almost the same, the numerical codes have been changed. • Attributes ADDRESS_3, ADDRESS_4 and ADDRESS_5 added in table REG107_PARTIES • Removed attributes BULLETIN_YEAR and BULLETIN_NR in REG101_APPLN. These correspond to the bulletin dates of the first publication in REG102_PAT_PUBLN, and therefore are redundant. • Renamed REG123_DATE_DEEMED_WITHDRAWN.DEEMED_WTHDRWN_DATE to DEEMED_WITHDRAWN_DATE • Removed attributes which are empty or have a constant value: • REG115_NPL_CITATION.OFFICE • REG116_PAT_CITATION.OFFICE • REG109_DESIGN_STATES.REGION • REG118_PREV_FILED_APPLN.APPLN_KIND • REG119_BIO_DEPOSIT.DTEXT • REG137_OPPOSTN_AGENT.AGENT_SEQ_NR • REG137_OPPOSTN_AGENT.REP_TYPE • REG301_EVENT_DATE.EVENT_TYPE
2015 Autumn	• New attribute CHANGE_DATE has been added to several tables.

- New attribute CUSTOMER_ID has been added to REG107_PARTIES, REG111_LICENSEE and REG130_OPPONENT
- New attribute TEXT_LG has been added to table REG135_TEXT.
- The new table REG114_DATES replaces the tables
 - REG114_DATES_RIGHTS
 - REG122_DATE_WITHDRAWN_BY_APPLT
 - REG123_DATE_DEEMED_WITHDRAWN
 - REG126_REVOCATION
 - REG134_OPPPOSITION_NOT_FILED
- The citation tables REG115_NPL_CITATION and REG116_PAT_CITATION have been removed because they are no regarded as register data. Considerable richer citation data is available in PATSTAT DOCDB (Worldwide patent statistical database, EPO product 14.24).
- Table REG117_RELATION has been completely remodelled: It now directly links to table REG101_APPLN for the parent application and the child application.
- Table REG119_BIO_DEPOSIT has been integrated into table REG101_APPLN.
- The new table REG128_LIMITATION replaces the tables
 - REG128_LIMIT_FILING
 - REG129_LIMIT_REJECTION
 - REG130_LIMIT_ALLOWED.
 In addition, its attribute SEQ_NR has been renamed to LIMIT_SEQ_NR.
- The new table REG130_OPPONENT replaces the tables
 - REG131_OPPOSTN
 - REG132_OPPOSTN_REJECTED
 - REG133_OPPOSTN_TERMINATED
 - REG137_OPPOSTN_AGENT.
- These tables have been removed because their data is redundantly available in the REG20x tables which contain procedural data with richer context:
 - REG120_DATE_APPLN_REFUSED
 - REG121_DATE_RIGHTS_REESTD
 - REG124_DATE_REVOCATION
- Numerical codes have been replaced by mnemonic codes in these attributes:
 - TYPE_LICENSE of table REG111_LICENSEE
 - CAUSE_INTERRUPTION of table REG114_DATES
 - SEARCH_TYPE of table REG136_SEARCH_REPORT
 - PROCEDURAL_DATE_TYPE of table

	REG203_PRCDDL_STEP_DATE - SEARCH_TYPE of table REG136_SEARCH_REPORT Due to new attributes and the restructuring of tables, the Primary Keys of some tables have changed.
2016 Spring	- Tables REG201, REG202 and REG203 and their attributes are renamed - Tables REG204 and REG205 have been removed. Their content has been integrated into table REG201. - Tables REG301_EVENT_DATA and REG402_EVENT_TEXT are now linked via the attribute EVENT_CODE. Attribute EVENT_TEXT_ID has been removed. - In table REG114_DATES the attribute DATE has been renamed to EVENT_DATE, because "DATE" is a reserved word in some tools.
2016 Autumn	- Line breaks are replaced by " \n " - Table REG108_APPLICANT_STATES has a new attribute TYPE to make joins to REG107_PARTIES easier. - The domains of - attribute DESIGN_STATES in table REG109_DESIGN_STATES and - attribute CONVERTED_TO_COUNTRY in table REG114_DATES have been changed to an ASCII string consisting of an alphabetically ordered list of 2 character country codes (according to WIPO ST.3), with each country separated by a comma ",": - Primary keys have been modified in tables - REG102_PAT_PUBLN - REG108_APPLICANT_STATES - REG113_TERMS_OF_GRANT
2017 Spring	- New attribute INTERNAT_APPLN_ID in REG101_APPLN - Attribute PRIOR_SEQ_NR can hold larger values (currently up to 419)
2017 Autumn	- New reference table REG403_APPLN_STATUS - Table REG401_APPLN_RESULT removed. Its data has been integrated into REG125_APPEAL
2018 Spring	Attribute LICENSEE_COUNTRY: Domain has been extended
2018 Autumn	Table REG109_DESIGN(ATED)_STATES has been renamed and also contains designated extension and validation states; Attribute STATE_TYPE added.

	Attribute DESIGN(ATED)_STATES renamed. Attribute TOTAL_DESIGNATED_STATES removed.
2019 Spring	Table REG203_PROC_STEP_DATE has a Primary Key
2019 Autumn	No changes
2020 Spring	No changes
2020 Autumn	Procedural step CDEC “Request for correction of the decision to the filed grant” added (see section 7)
2021 Spring	No changes
2021 Autumn	No changes
2022 Spring	No changes
2022 Autumn	No changes
2023 Spring	No changes
2023 Autumn	No changes
2024 Spring	- Unitary patent related changes: - New chapter 2.4 - Updated logical model diagrams - New tables: REG701_APPLN REG705_PLACES_OF_BUSINESS REG707_PARTIES REG711_LICENSEE REG712_LICENSEE_STATES REG714_DATES REG721_PROC_STEP REG722_PROC_STEP_TEXT REG723_PROC_STEP_DATE REG731_EVENT_DATA REG741_APPLN_STATUS REG742_EVENT_TEXT - Updated table references in attributes - Updated status attribute UP phase with state transition diagram
2024 Autumn	No changes

9 Known deficiencies

- **Attribute STATUS in REG101_APPLN**

For some applications the attribute STATUS contains not the current but an earlier status of the application.

- **Table REG108_APPLICANT_STATES**

For applications first published after the end of July 2019 the designated states by applicant are missing.

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