EP Bulletin search

User Manual

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USER MANUAL REVISION SHEET

Version	Date	Description
3.0	2023/06	• **Addition** of new search criteria, result list columns and document fields for unitary patent protection information ("UP information") • **Addition** of new search criteria, result list columns and document fields for non-unitary patent protection information ("EP information") • **Amendment** of existing search criteria, result list columns and document fields See: ANNEX 1 Description of search criteria ANNEX 1.A Renamed search criteria ANNEX 1.B New/deleted EP search criteria ANNEX 2 Description of document fields **Note**: **the information and examples provided for a number of search criteria and document fields will be improved in this user manual once unitary patent information will be available**
2.3	2021/09	Amendments for CPC information (search criteria, result list columns, document fields, statistics parameters) available as of 2021 week 37
2.2	2017/12	- Document revised and updated e.g. screen-shots - Product free of charge as of 2018/01 (all users automatically logged in as "guest") - Persistence of downloads and statistics limited to UI session duration - Names of search criteria, result list columns and document fields are improved (search criteria codes are not modified)
2.1	2016/12	Change of product name and other minor changes
2.0	2016/05	Document revised and updated
1.0	2012/12	Document revised and updated
0.1	2011/09	Document creation

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1. GENERAL INFORMATION

1.1. INTRODUCTION

EP Bulletin search (referred to as "Bulletin" in this document) is one of the products (databases) available via the Patent information services for experts user interface, accessible at this link.

Bulletin is a cumulative database updated every Wednesday at 14.00 hrs CET and it includes EPO Bibliographic Data (EBD), which is extracted every week from the EPO's administrative EPASYS database.
In a given week it includes all the new European patent publications of that week, as well as previously published European patent applications or granted European patents where a number of procedural events have occurred in that week.
For example, intention to grant, refusal, withdrawal and revocation are procedural events that are searchable in Bulletin.

Offering enhanced searches in the bibliographic and procedural data of European patent applications and European granted patents, Bulletin complements the European Patent Register and the European Patent Bulletin.

Note: You are reminded of your acceptance of the terms and conditions at this link. It is essential that you read these terms and conditions in order to use Bulletin correctly.

1.2. SECURITY

The use of HTTPS, combining the regular HTTP protocol with the Secure Sockets Layer (SSL) protocol, means that all communications between your computer and Bulletin are encrypted in both directions.

1.3. CONTACT POINT

For assistance on all matters relating to Bulletin (e.g. database content, UI features, anomaly reports) please contact our support team at support@epo.org.

1.4. PREREQUISITES

Before starting to use Bulletin, you will need:

- basic skills in Boolean language (see Query syntax)

- an HTML5-compatible internet browser

- a recommended minimum screen resolution of 1366 x 768

2. RUN YOUR FIRST SEARCH

This section briefly describes the steps from the launch of "Patent information services for experts" to the display of Bulletin documents matching your first search.

❶ Launch "Patent information services for experts" available at this link.

❷ Select "EP Bulletin search" from the list of databases in the welcome window.

❸ The search window is now displayed. In the query box enter a short Boolean query manually or copy and paste the following one:

CIGR = 2022 AND APP = Bosch

to retrieve all documents where a communication of intention to grant was issued in 2017 (criterion CIGR) and where the applicant is "Bosch" (criterion APP). Click the Search button to run your first query:
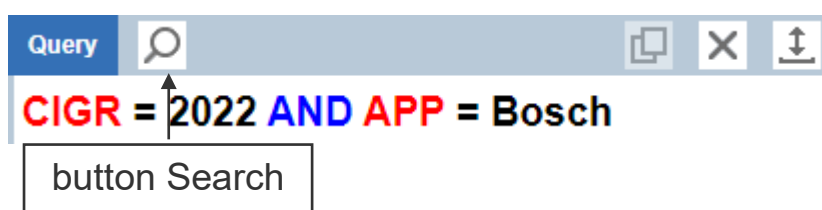
❹ Once the result is displayed, clicking the **Result** button will take you to the result window:
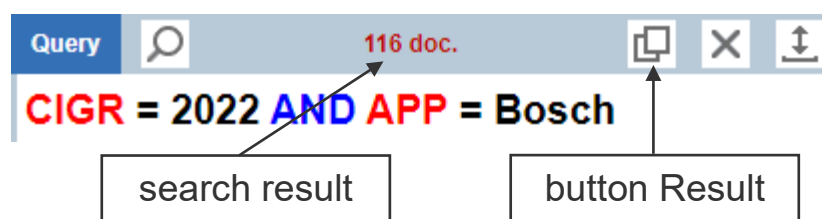
❺ The result list and documents are now displayed and ready for browsing, running statistics and downloading in multiple formats.

⚑ **Note**: You can customise the result list and document contents.

3. WELCOME WINDOW

Once [Patent information services for experts](#) has finished loading, the **welcome** window appears and enables you to:

- select the UI language in the top right-hand corner:

English	▾
Deutsch	
English	
Français	
Español	
日本語	

- select "EP Bulletin search":

	Database	Edition	
	EP full-text search	EPAB 2023/08	info
	EP Bulletin search	BULL 2023/08	info
🔒	Global Patent Index	GPI 2023/08	info
🔒	PATSTAT Online	PATSTAT 2022 Autumn	info
🔒	PATSTAT Online	PATSTAT 2022 Spring	info

In the **Edition** column, the latest available edition is displayed numerically in YYYY/WW form, signifying the year (four digits) and Bulletin update week (two digits), e.g. 2023/08.

🔔 **Note**: The database is updated every Wednesday at 14.00 hrs CET, which means that in Bulletin the week starts on Wednesday at 14.00 hrs CET.

When you click on the Bulletin database, the [search window](#) appears.

4. SEARCH WINDOW

Once you have selected the Bulletin database in the welcome window, the **search** window is displayed. It has four boxes with the following functions:

- **Criteria** box: Navigate the list of search criteria to identify and select the criteria you need for your searches.

- **Index** box: Browse the contents of the database for a search criterion selected in the **Criteria** box, e.g. for identifying possible variations of an applicant's or proprietor's name.

- **Query** box: Create queries, run searches, save/load queries.

- **History** box: Browse your search history and re-use history entries in your queries. The history content is also used for saving queries.
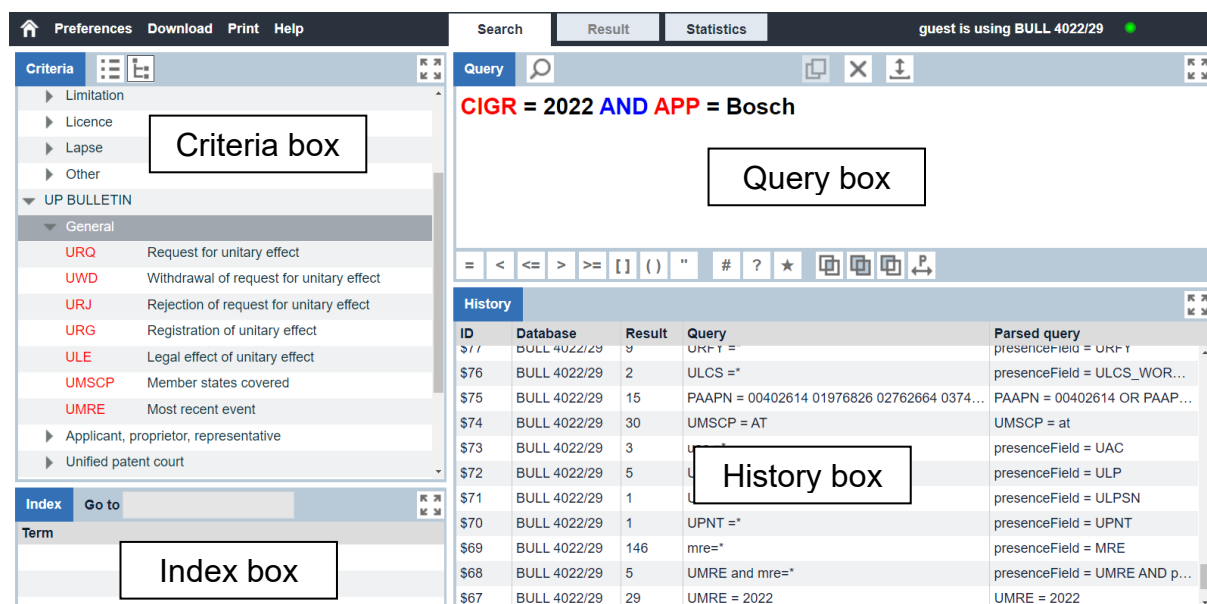
You can adjust the proportions of the boxes by dragging the horizontal and vertical dividers (dividers are the dark lines between the boxes - e.g. there is a vertical divider between the **Query** and **History** boxes which can be dragged up and down to resize them).

Boxes can also be minimised and maximised by clicking the **minimise/maximise** button (located in the top right-hand corner of each box) or by double-clicking the box top toolbar.

4.1. CRITERIA BOX

The Bulletin criteria are described in detail in Annex 1.

Each criterion has a code and a name. For example, the code **CIGR** stands for **Communication of intention to grant**.
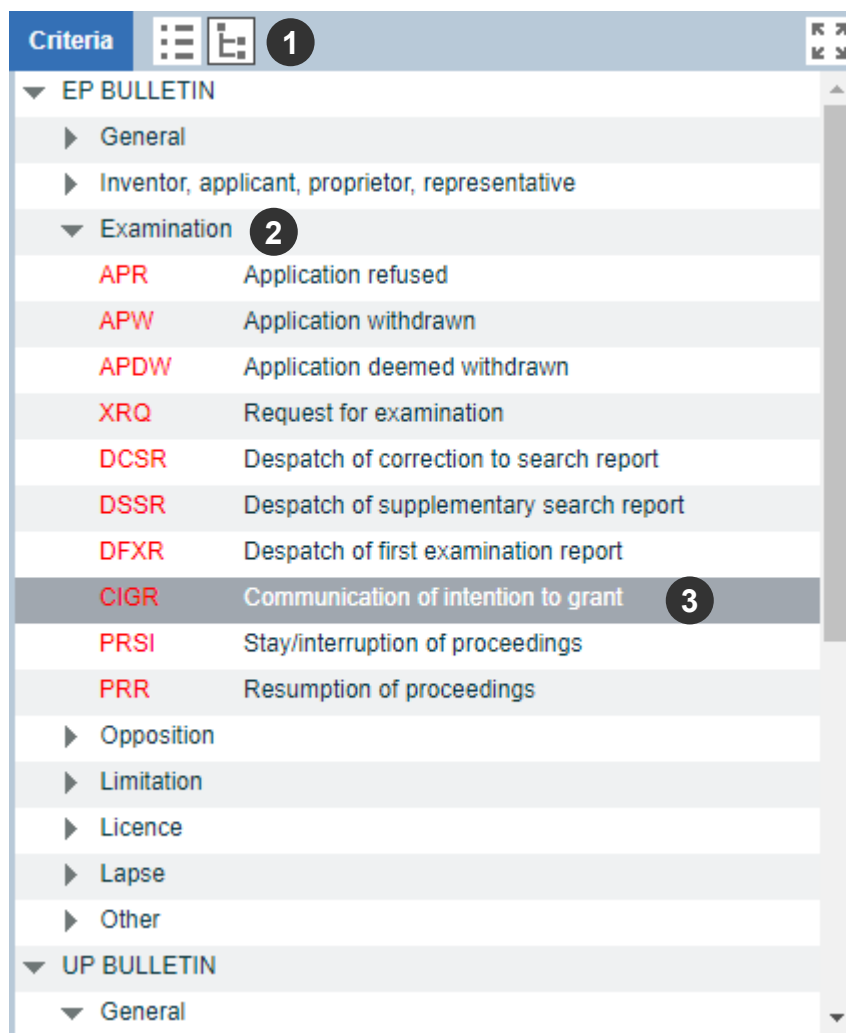
❶ Use buttons to display the criteria list in alphabetical order or by pre-defined categories, e.g. **Examination**.

❷ Open/close a category by clicking the arrow or double-clicking the category name.

❸ Select (one click) a criterion to see the content of its corresponding index, or move the selected search field to the Query box by dragging & dropping or double-clicking. You can also enter criteria manually in the Query box.

You can mix criteria from all categories in your query. Example: CIGR = 2022 and APP = Bosch

4.2.   INDEX BOX

An index reflects the database content for the data corresponding to a search criterion. It does not reflect the database content limited to the current search. For example, the APRAP index contains all proprietor/applicant names stored in the Bulletin database.

Index APRAP	Go to	bosch	**1**	
Term				
bosch **2**				
bosch automotive diesel systems co ltd				
bosch automotive products changsha co ltd				
bosch automotive products suzhou co ltd				
bosch automotive service solutions inc				
bosch automotive service solutions llc				
bosch automotive service solutions suzhou co ltd				
bosch automotive systems corporation				
bosch braking systems corporation				
bosch car multimedia portugal sa				
bosch chassis systems australia pty ltd				
bosch christoph				
bosch clariana antonio				

❶ The **Go to** box enables quick and easy index scrolling. The index content helps you to check the availability, spellings and formats of the data you want to search for, e.g.:

- to identify possible variations of an applicant name or title keyword.
- to check the indexing format of classification symbols and dates.

❷ You can move selected index terms to the Query box by:

- dragging and dropping one or more selected terms.
- double-clicking them.

4.3. QUERY BOX

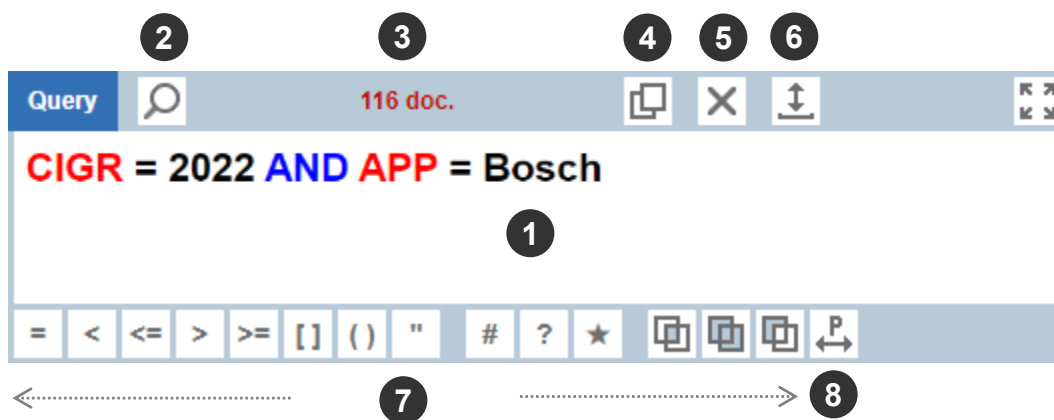The **Query** box enables you to create queries, run searches and save/load queries. See the query syntax and search features sections, which contain multiple sample queries.

❶ **Query edit zone**. The text of a query can be:
- entered manually.
- dragged from the list of search criteria and dropped.
- dragged from an index and dropped.
- dragged from the search history and dropped.
- loaded from a user query file.
- pasted from an external application.

❷ **Search** button: Equivalent to pressing **Enter** on your keyboard.

❸ **Search results**. Shows the number of Bulletin documents matching your search.

❹ **Go to result list** button: Opens the result window.

❺ **Delete current query** button.

❻ **Save/load queries** button: Queries listed in the History box can be saved locally (with or without comments) for future use.

❼ **Operator** toolbar: Arithmetic and Boolean operators (AND, OR, ANDNOT) and wildcards that you need for your queries are displayed in this bar.

❽ **Proximity search** button. Searches for titles and inventor/applicant/proprietor names are possible with proximity operators with the following logic: *Search word1 up to a maximum of x word(s) apart from word2 in that order or whatever the order.*

Proximity operators can also be entered manually between two words:
      TIEN = laser +1w beam*

See also Query syntax.

4.4.   HISTORY BOX

A query is added to the **history** box only if the associated search is successful, i.e. if there is no syntax error in the query.

The 100 most recent queries are stored locally in the search history. Stored queries are usually used for:

- combining queries in the query edit zone, e.g.:

  IPC = A61K and $10

  $3 andnot $2

- saving queries. History queries can be saved for future use (see Save/load queries).

If your search returns zero documents, or an unexpectedly high number of documents, then the parsed query (i.e. the user query transformed into a query that is used by the search engine - see item ❺ below) may help you understand if there is an error in the logic of the query.

History				
ID	**Database**	**Result**	**Query**	**Parsed query**
$3	BULL 2023/08	3	PUB3 [20230101,20230131]	PUB3_FOR_RANGE[20230101,2023...
$2	BULL 2023/08	100	PUB2 [20230101,20230131]	PUB2_FOR_RANGE[20230101,2023...
$1	BULL 2023/08	5 398	PUB1 [20230101,20230131]	PUB1_FOR_RANGE[20230101,2023...

❶ **ID** column. This is the history query number. As 100 of the most recent queries are stored, if the **History** box already contains 100 queries, the next new query stored is given the ID number $1 and the previous query number $1 is deleted.

❷ **Database** column. Database identifier (current year and week number - the Bulletin week starts with the day/hour of the database update, i.e. Wednesday at 14.00 hrs CET).

❸ **Result** column. The number of Bulletin documents matching the search.

❹ **Query** column. The query as you built it in the query edit zone.

❺ **Parsed query** column. Your query as transformed by the parser for the search engine.

5.   RESULT WINDOW

Once you have run a search successfully in the search window, you can access the **result** window. It has three boxes with the following functions:

- Query box: Refine your search without going back to the search window.

- Result list box: Browse and download the result list matching your search. The result list content can be customised to focus on relevant data. Statistics can be run on the result set.

- Document box: Browse and download Bulletin documents. The document data fields can be customised and re-ordered to focus on relevant data.

You can adjust the proportions of the boxes by dragging the horizontal and vertical dividers (dividers are the dark lines between boxes - e.g. there is a horizontal divider between the document box and the query/result list boxes which can be dragged left and right to resize them).

Boxes can also be minimised and maximised by clicking the **minimise/maximise** button ⛶ (located in the top right-hand corner of each box) or by double-clicking the box top toolbar.

5.1.   QUERY BOX
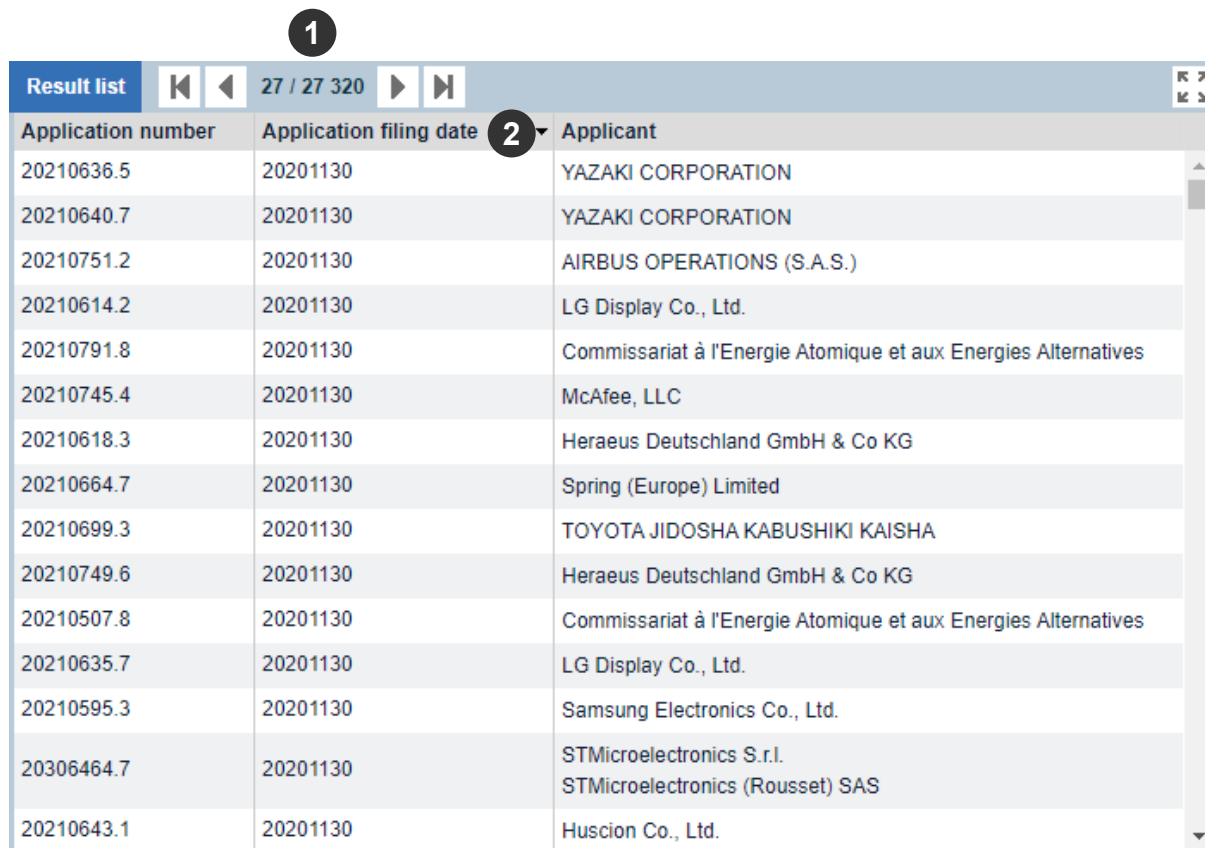
The features are identical to those of the query box in the search window. They allow you to refine your current search without going back to the search window.

5.2. RESULT LIST BOX

By default the result list includes one column only (**Publication** column).

New columns can be added using the Preferences / Result list content menu.

❶ **Navigation** buttons. If your search returns more than 10 000 documents, only the first 10 000 will be included in the scrollable part of the result list.

❷ **Column** headers. Click the arrow located to the right of a column header to trigger the sort feature (ascending, descending or no sort).

The sort feature is not available for all columns.

Bulletin documents can be selected in the result list and displayed in the Document box:
- with the navigation buttons.
- with a simple mouse-click in the list.
- by drag and drop. Documents displayed in the document box are tiled.

5.3. DOCUMENT BOX

A Bulletin document displayed in the UI is a set of bibliographic data and procedural events linked to the proceedings of a European patent application or granted patent. It includes:

- Searchable data:
  - Bibliographic data, e.g. applicants, proprietors, inventors (one exception: citations are not searchable).
  - Procedural events, e.g. intention to grant, withdrawal, revocation, request for unitary effect.

- INPADOC legal event data fetched on the fly (EPO webservices OPS) and not searchable per se.

There is one Bulletin document per European patent application.

Procedural events used in Bulletin may happen during proceedings from filing of a European patent application to the grant of a European patent, sometimes also including post-grant events such as opposition events, limitation events and unitary patent protection related events.

The INPADOC legal events displayed in a Bulletin document usually reflects procedural events managed by the EPO, but it also often includes national events triggered by patent authorities of EPO member states where a granted European patent has entered the national phase. For example, renewal fee payments and lapses are common events sent to the EPO by patent authorities and collected in INPADOC.

Procedural events managed by the EPO, unitary patent protection related events and INPADOC legal events are available in three distinct document sections:

Where enabled (i.e. not greyed out), click the section you want to see in the current window, or click "+" to show the section in a new window.
For example, EP Bulletin and UP Bulletin can be displayed side by side.

See Annex 2 for a detailed description of the fields displayed in a Bulletin document, the content of which can be customised by removing unnecessary fields and re-ordering relevant fields.
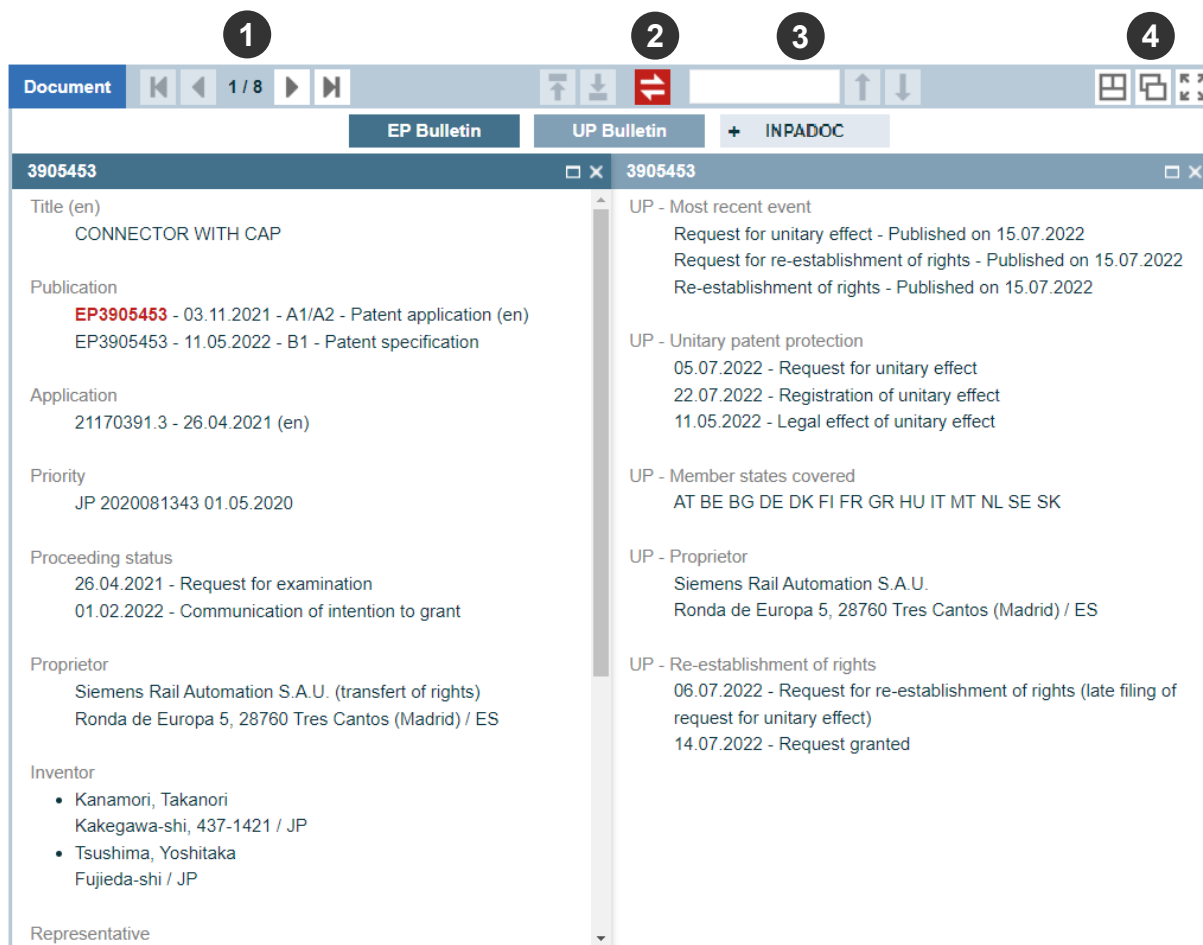
❶ Result list navigation buttons. If your search returns more than 10 000 documents, only the first 10 000 will be included in the scrollable part of the result list.

❷ Translation button: activates the title [translation](#) feature.

❸ Find feature: enter a term to be looked for in the currently displayed document.

❹ Arrange window buttons (tile, cascade, minimise/maximise). A maximum of four windows (e.g. four sections of the same document) can be opened simultaneously.

As far as the legal status of a European granted patent in EPO member states is concerned, for legal certainty we recommend checking the legal status at source, using for example the European Patent Register, which provides direct access to EPO member states' data (links to national registers and the Federated Register).

6.   STATISTICS WINDOW

The statistics window appears when you click **Statistics** on the UI top toolbar. It has two boxes with the following functions:

- My statistics box: Navigate the list of searches and associated statistics that you have created.

- Configure/view statistics box: Create and visualise statistics for the search selected in the **My statistics** box. The cross-reference you can create is a bubble chart for your selected parameters for the X and Y axis, e.g. IPC and Applicant.

6.1. MY STATISTICS BOX

This box contains a list which may include the following items:

- Searches with result sets which have been or will be used to create and visualise statistics (most recent search at the top).

- For a given search, a list of cross-references that you have created (most recent statistics at the top).

- Loaded files (statistics can be manually saved locally and loaded), which always appear at the bottom of the list as shown below:
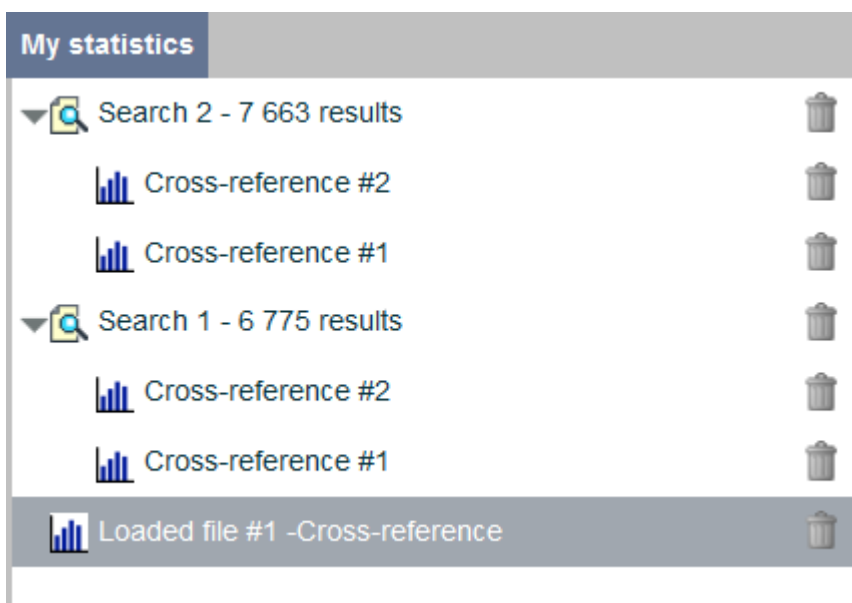
Searches, statistics and loaded files can be deleted from the list by clicking the **Delete** icon .

Statistics are automatically saved server-side and are therefore accessible from different computers.

Statistics are kept server-side for 72 hours before being automatically deleted.

6.2. CONFIGURE/VIEW STATISTICS BOX

This box enables you to create, visualise and save/load cross-reference charts.

You can create a cross-reference chart for the following purposes:

- to visualise technology trends over a number of years for the IPC top 20

- to visualise the activity of the top 20 applicants or proprietors over a number of years or in the IPC top 20
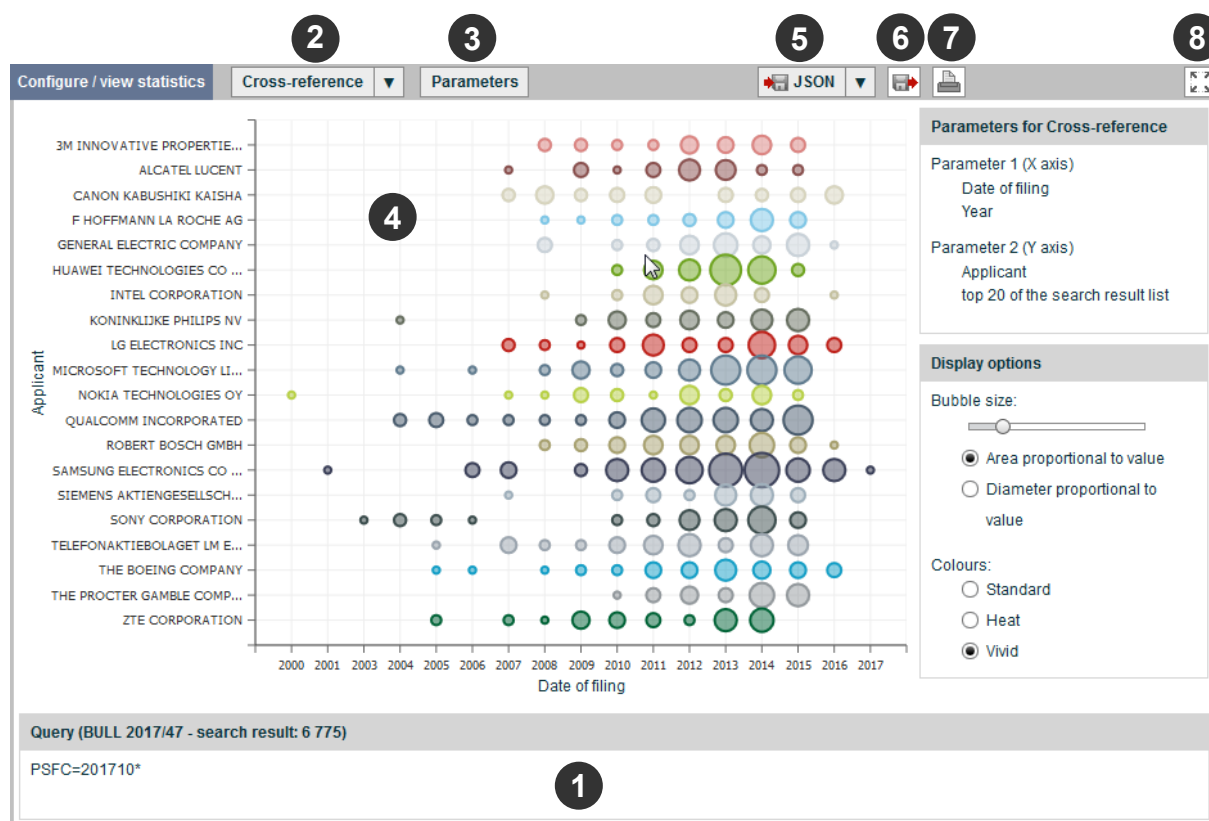
❶ **Query** area: Shows the query and search result used to compute the statistics.

❷ **Statistics** button: Click the button to run the selected statistics (the parameter used for the previous statistics calculation will then be re-used).

❸ **Parameters** button. Once clicked, the following parameters are shown:

Parameter 1 (X axis) and Parameter 2 (Y axis) can be one of the following items:

- Application filing date
- Publication date
- IPC (subclass level)
- CPC (subclass level)
- Inventor
- Applicant
- Proprietor
- Applicant/proprietor

Select Parameters 1 and 2 (Filing date and Applicant in this example) and click the **Calculate** button to run your cross-reference.

Note that Parameters 1 (X axis) and 2 (Y axis) can be identical, e.g. **IPC** and **IPC** to spot associations of technical fields, or **Applicant** and **Applicant** to spot collaborations.

❹ **Cross-reference** outcome visualisation. This is a bubble chart showing the top 20 items corresponding to the parameters you have selected for the X and Y axes. You can modify the style of your chart using the display options located on the right-hand side of your screen.

❺ **Save** button list. The following formats are available:

- JSON: JSON is a format frequently used in and between HTML applications. You can use this format e.g. for archiving statistics output which can be loaded and visualised later.
- PDF
- CSV

❻ **Load** button. Load statistics previously saved in JSON format.

Note that statistics are kept server-side for 72 hours. Should you want to keep statistics for more than 72 hours, you can save them in one of the proposed formats, e.g. JSON for visualising your statistics in the UI.

❼ **Print** button.

❽ **Maximise/minimise** button. Click this button to maximise or minimise your **Configure/view statistics** box. You can also maximise or minimise the box by double-clicking its toolbar.

7. UI TOP TOOLBAR

The top toolbar is visible in the **search**, **result** and **statistics** windows. It provides access to the **download**, **print** and **user preference** functionalities, as well as navigation between the **welcome**, **search**, **result** and **statistics** windows:
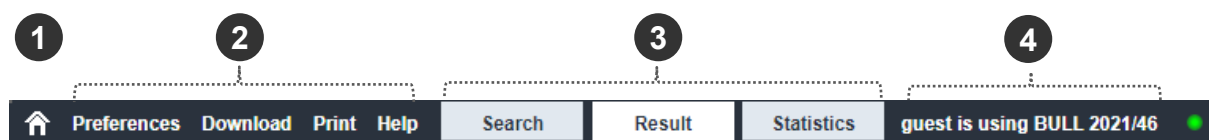
❶ Go to the welcome window.

❷ Menu:

- **Preferences**: Set your user preferences, e.g. for customising the result list content and document content.

- **Download**: Download e.g. your current result list or Bulletin documents.

- **Print**: Print e.g. your current result list.

- **Help**:

  - ○ **Database help**: Access the Bulletin factsheet to download this user manual.
  - ○ **Discussion forum**: Access the forum to discuss the latest topics.
  - ○ **About**: See the current version of **Patent information services for experts**.

❸ Navigate between the search, result and statistics windows.

❹ Username (all users are automatically logged in as "guest") and Bulletin database edition number.

8. QUERY SYNTAX

Bulletin queries are usually a combination of the following:

- **Search criteria codes**, e.g. APRAP for all proprietor/applicant names.

- **Terms to be searched for**, e.g. title keywords, IPC symbols, applicant/proprietor/inventor names, dates of procedural events, etc.

- **Boolean operators** to connect criteria and terms for a given criterion:

  - **AND**
    Documents where the proprietors/applicants are Bosch and Samsung:
    APRAP = Bosch and Samsung

  - **OR**
    Documents where the proprietors/applicants are Bosch or Samsung:
    APRAP = Bosch or Samsung

  - **NOT**, **ANDNOT**
    Documents where the proprietor/applicant is Bosch and not Samsung:
    APRAP = Bosch andnot Samsung

    The Boolean operators are available in three languages:

English	and	andnot	or
French	et	etsauf	ou
German	und	undnicht	oder

- **Arithmetic operators**

  - **= equal to**
    Documents for applications filed in 2020:
    APD = 2020

  - **> greater than**, **>= greater than or equal to**
    Documents for applications filed as of 2020/01/01:
    APD >= 2020

  - **< less than**, **<= less than or equal to**
    Documents for applications filed before 2020:
    APD < 2020

  - **[ ] date range**
    Documents for applications filed in the first half of 2020:
    APD [2020/01/01, 2020/06/30]

  - **( ) brackets** to force the order of operations
    Documents about the "purification" ("Reinigung" in German) of "argon" according to their English titles:
    TIEN = argon and (purification or reinigung)

- **Proximity operators**

  Documents where "nano" is one word apart from "particle" or "particles", in the same order ("+" means *in the same order*) in their English titles:
  TIEN = nano +1w particle?

- **Wildcards**

  - *** (asterisk)** stands for zero or more characters
    Documents containing "particle", "particles" in their English titles:
    TIEN = particle*
    Documents containing the words "disaccharide", "monosaccharide" in their English titles:
    TIEN = *saccharide

  - **# (hash)** stands for one character
    Documents containing "paralyse", "paralyze" in their English titles:
    TIEN = paraly#e

  - **? (question mark)** stands for zero or one character
    Documents containing "particle", "particles" in their English titles:
    TIEN = particle?

  The number of wildcards is limited to five per term.

- **String delimiters " " (double quotes)**

  PRO = Hoffmann La Roche

  will be interpreted as

  PRO = Hoffmann OR La OR Roche

  The above query will not return the expected result. This is due to

  - the presence of white space between the words, and
  - the use of the default operator OR between terms - see the
    User preferences / General menu on setting the value of default
    operators.

  The correct syntax should be

  PRO = "Hoffmann La Roche"

  In other words, use string delimiters to search for expressions.

⚑ **Notes** - Hints for query syntax in Bulletin:

- Criteria, search terms and Boolean operators can be entered in upper or lower
  case.

- Wildcards cannot be placed between string delimiters.

- Bulletin queries are evaluated from left to right, and brackets must sometimes
  be used to force the order of operations.

9.   SEARCH FEATURES

9.1.   SEARCH WITH NUMBERS

If you identify any criteria relevant to your searches that are not described in this section, see the list of search criteria in Annex 1.

See Query syntax for information on essential query-building practice and more search examples.

⚑ **Note**: The queries shown in this document (criteria, operators and values) are sample queries only.

Common search criteria

PUN: EP publication number
IPUN: International publication number
APN: EP application number
IAPN: International application number
PRN: Priority number

Data indexing rules

EP publication and application numbers do not have the leading "EP" prefix.

Priority numbers are usually composed of the following:
- country code
- number
- kind code (e.g. "U" in the case of utility model application)

International publication numbers always have the leading "WO" prefix.

International application numbers always have a leading country code prefix.

Query examples

PUN = EP1000000 EP2000000 EP3000000
Returns no documents due to the leading "EP" in the publication numbers. The correct query which returns three Bulletin documents is:
PUN = 1000000 2000000 3000000

IPUN = 2017116218 2017076373 2017131243
Returns no documents because the leading "WO" is missing in the international publication numbers. The correct query which returns three Bulletin documents is:
IPUN = WO2017116218 WO2017076373 WO2017131243

PRN = AT*
Retrieves Bulletin documents where there is at least one Austrian (AT) priority.

9.2. SEARCH WITH DATES

If you identify any criteria relevant to your searches that are not described in this section, see the list of search criteria in Annex 1.

See Query syntax for information on essential query-building practice and more search examples.

🔖 **Note**: The queries shown in this document (criteria, operators and values) are sample queries only.

Common search criteria

APD: Application filing date
CIGR: Communication of intention to grant
PUB1:   Publication of granted patent (B1)
DFXR: Despatch of first examination report
OPRV: Revocation of the patent

Data indexing rules

Dates are usually formatted as follows: YYYYMMDD (Y=year M=month D=day).

Search filter

Dates can be entered in multiple formats:
- YYYYMMDD or DDMMYYYY
- YYYY/MM/DD or DD/MM/YYYY
- YYYY-MM-DD or DD-MM-YYYY
- YYYY.MM.DD or DD.MM.YYYY

Query examples

The following queries are equivalent:
    CIGR = 2022
    CIGR = 2022*
    CIGR >= 2022/01/01 and CIGR <= 2022/12/31
    CIGR [2022-01-01, 2022-12-31]
They all retrieve documents where the intention to grant was communicated in 2022 (date of legal effect).

RVP or OPRV = 2022
Retrieves documents where the patent revocation (by the proprietor – criterion RVP, or during opposition proceedings – criterion OPRV) occurs in 2022 (date of legal effect).

URQ = 202306
Retrieves documents where the request for unitary effect is filed in June 2023.

URQ [202307, 202309]
Retrieves documents where the request for unitary effect is filed in Q3 2023.

9.3. SEARCH WITH CLASSIFICATIONS

If you identify any criteria relevant to your searches that are not described in this section, see the list of search criteria in Annex 1.

See Query syntax for information on essential query-building practice and more search examples.

⚐ **Note**: The queries shown in this document (criteria, operators and values) are sample queries only.

Common search criteria

IPC: Cumulates all IPC editions/versions (invention and additional information)
CPC: Cooperative Patent Classification (invention and additional information) as
                of 2021 week 37 (2021/09/15)

Data indexing rules

For IPC B66D 5/14, the following terms appear in the IPC index:
        B66   (sections are not indexed individually)
        B66D
        B66D0005   (group of 4 digits)
        B66D000514
Each individual term can be used in a query without right-truncation.

Search filter

A filter enables you to enter classification symbols in multiple formats. For example, the following queries are equivalent:
        IPC = A01B1/10
        IPC = "A01B 1/10"
        IPC = A01B000110

Query examples

IPC = A*
Retrieves all Bulletin documents under IPC section A.

IPC = B66D
Retrieves all Bulletin documents under IPC subclass B66D.

IPC = B01D 46/24
Does not retrieve the expected result due to the presence of white space between class and group, which is interpreted as a logical "or", assuming that the default operator between terms is set to "or" in your User preferences / General.
The correct query is
IPC = "B01D 46/24" – also correct: IPC = B01D46/24, IPC = B01D004624

9.4. SEARCH WITH TITLES

If you identify any criteria relevant to your searches that are not described in this section, see the list of search criteria in Annex 1.

See Query syntax for information on essential query-building practice and more search examples.

🖐 **Note**: The queries shown in this document (criteria, operators and values) are sample queries only.

Common search criteria

TIEN: Titles in English
TIDE: Titles in German
TIFR: Titles in French

Data indexing rules

All words of all titles in English, German and French languages are indexed.

A list of stop words is used at indexing time, e.g. frequently used words such as "for", "has" and "example" are not indexed and are therefore not searchable.

Word delimiters such as dot or hyphen are removed or replaced by empty spaces at indexing time (see the query examples on the next page).

Query examples

TIEN = argon and (reinigung or purification)
Retrieves Bulletin documents related to the purification (or "Reinigung" in German) of argon, where these words are included in their titles in English.

TIEN = "nano particles"
Retrieves Bulletin documents containing this expression in their titles in English. Note that the search for an expression is transformed into a proximity search with the following operator: TIEN = nano +1w particles - meaning "nano" up to a maximum of one word apart from "particles", in the same order.
TIEN = nano +1w particle? would be more appropriate to retrieve the words "particle" and "particles".

TIEN = x-rays

does not retrieve the expected result because the hyphen is a word delimiter which is automatically replaced by an empty space. The corresponding parsed query would be: TIEN = x or rays
A correct query would be:
TIEN = "x-rays"

TIEN or TIFR or TIDE = A.D.N
Retrieves Bulletin documents containing ADN in their titles in English, French or German (the dot is a word delimiter which is automatically removed).

⚐ **Notes**:

- Wildcards cannot be placed between string delimiters (quotes). For example:
  TIEN = "laser beam?"
  does not return the expected result (documents containing "laser beam" or "laser beams").The correct query would be:
  TIEN = laser +1w beam?

- For searching the text of titles, abstracts, descriptions and claims we recommend using "EP full-text search", which is one of the products available in the UI.

9.5.   SEARCH WITH NAMES

If you identify any criteria relevant to your searches that are not described in this section, see the list of search criteria in Annex 1.

See Query syntax for information on essential query-building practice and more search examples.

⚐ **Note**: The queries shown in this document (criteria, operators and values) are sample queries only.

Common search criteria

INV: Inventors
APP: Applicants
PRO: Proprietors
APRAP: All proprietors and applicants
REP: Representatives
OPP: Opponents
OPRE: Opponents' representatives
ALLP: All parties

Data indexing rules

Names are indexed by words and expressions.

For example, the inventor "Fromont Gaëlle" appears in the INV index as follows:

> fromont
> fromont gaelle
> gaelle

Word delimiters such as dot or hyphen are removed or replaced by empty spaces at indexing time (see the query examples on the next page).

Query examples

INV = jacques and michel
Retrieves, for example, a document where the inventors are "Lenfant Jacques " and
"Leroy Jean-Michel", and a different document where the inventor is "Bernard Jean-
Jacques Michel".

APRAP = "general electric"
Retrieves documents where the proprietor or applicant is, e.g. General Electric
Company or General Electric Deutschland Holding GmbH.

Note that the search for an expression is transformed into a proximity search with the
following operator: APRAP = general /1w electric meaning "general" one word apart
from "electric", whatever the order.

INV = KOSCO-VILBOIS
Does not retrieve the expected result, because the hyphen is a word delimiter which
is replaced by an empty space.

The corresponding parsed query would be:
INV = KOSCO or VILBOIS

A correct query would be:
INV = "KOSCO-VILBOIS"

Which is equivalent to:
INV = "KOSCO VILBOIS"

⚑ **Notes**:

- A single word does not need delimiters (double quotes), whereas an
  expression, i.e. a name containing at least two words, does always need to
  be delimited with double quotes.

- Wildcards cannot be placed between quotes.

9.6.　　SEARCH WITH PROCEDURAL EVENTS

Procedural events available in Bulletin can be searched using their dates, and the recommendations outlined in [Search with dates](#) apply.

The date of an event is usually its date of legal effect and not the date of publication of the European Patent Bulletin that includes that event for a particular patent application or granted patent.

For example, you can search European patent applications for which the applicants filed requests for examination in Q4 2020 as follows:

XRQ [202010, 202012]

Example of EP3910961 (application 20174131.1): the examination request was filed on 25.11.2020 (legal effect) and published in the European Patent Bulletin on 17.11.2021.

⚑ **Notes**:

Some procedural events that are searchable in Bulletin are not published in the European Patent Bulletin. For example:

- Despatch of first examination report (criterion DFXR). Example:
  DFXR = 202201
  Retrieves documents for which a first examination report was despatched in January 2022 (date of legal effect).

- Communication of intention to grant (criterion CIGR). Example:
  CIGR [202201, 202203]
  Retrieves documents for which a communication of intention to grant was despatched in Q1 2022 (date of legal effect).

9.7. WEEKLY MONITORING

Every Wednesday at 14.00 hrs CET the EPO publishes new patent applications and granted patents. These publications and their full documents are available, for example, on the European Publication Server which is the legally authoritative source of patent applications and patent specifications published by the EPO.

Every Wednesday at 14.00 hrs CET and in addition to the publication events triggered for the new publications, Bulletin includes new procedural events triggered for patent applications or granted patents published in previous weeks.

The following queries do not include dates, i.e. they could be reused every Wednesday just after 14.00 hrs CET without need for modification before running a search.

Criterion CWE – Current week:
CWE = YES: limits the search scope to the documents of the current week.

Criterion STAT – Status of a Bulletin document:
STAT = N: limits the search scope to documents that are new publications. Other possible values for STAT are R (standing for Replacement, i.e. a document is replaced by a new one due to a change in its content) and C (standing for Corrections – used for newly published A8, A9, B8 and B9 documents).

CWE = YES and STAT = (N or C) and APP or PRO = *list of applicants/proprietors*
Retrieves documents which are new publications (e.g. A1, B1, A8, etc.) of the current week for the listed proprietors and applicants.

CWE = YES and STAT = R and APP or PRO = *list of applicants/proprietors*
Retrieves documents for applications where a new procedural event is available in the current week for the listed proprietors and applicants.

CWE = YES and APP or PRO = *list of proprietors/applicants*
Retrieves documents of the current week (whatever their status) for the listed proprietors and applicants.

10. SAVE/LOAD QUERIES

If you have complex queries that you may want to re-use frequently, we recommend saving them locally and loading them as required.

Queries can be saved/loaded using the **Save/load queries** button in the Query box of the search window and the result window:

10.1. SAVE QUERIES

❶ The **Save query** tab lets you save history queries in a local file with the the default name query.QRY.

❷ Search history (same content as the [History box](#) in the [search window](#)).

❸ Content of your query file showing queries that have been dragged and dropped from the search history. Saved queries may contain comments (see the context menu displayed when you right-click a query).

10.2. LOAD QUERIES
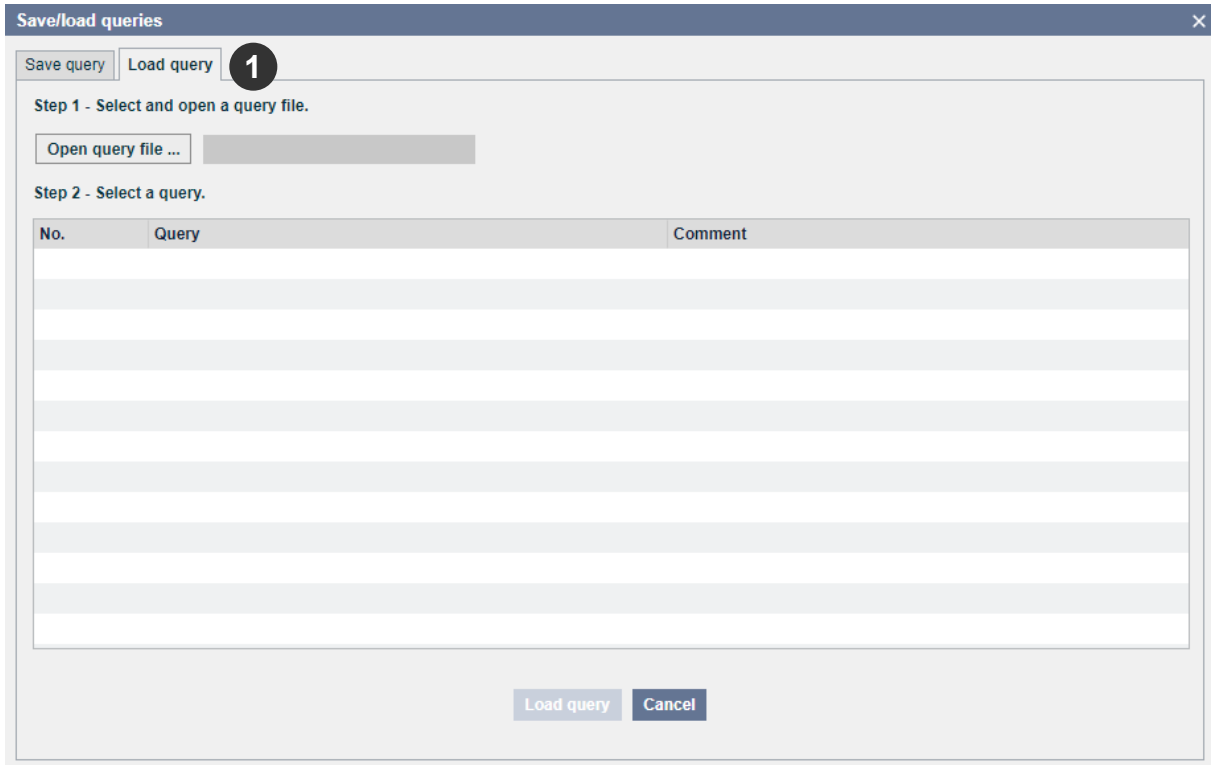
❶ The **Load query** tab lets you open your query file and select the query to be loaded. When you click the **Load query** button, you can choose whether the selected query should overwrite the current one or whether it should be appended to the query in the Query box.

If it is appended, the default Boolean operator used for this function is the one selected in your User preferences/general.

11. USER PREFERENCES

The user preferences feature allows for several different kinds of settings that will be stored locally for your convenience:

- Layout of the user interface, e.g. width/height of the **Criteria**, **Index**, **Query**, **History**, **Result list** and **Document** boxes in the **search** and **result** windows.

- Options selected when a function is executed, e.g. selected format for downloads, query filename used when saving/loading queries.

- Settings defined in the user preferences available in the **Preferences** menu.

This section covers the features available in the **Preferences** menu on the UI top toolbar.

11.1. GENERAL PREFERENCES

Located on the UI top toolbar, on the **Preferences** menu under **General**:

❶ Auto-complete: As you gradually enter characters in the Query box, the UI displays a list of suggested terms for the search criterion you have entered. This list is built from the index content of the search criterion entered in your query.

❷ A default operator between terms (set to "OR" by default) is used when terms of a query are separated by white space. If the query you enter in the Query box is for example:

PRO = Hoffmann La Roche

this will automatically be parsed by default at search time as

PRO = Hoffmann or La or Roche

Assuming that you have changed the default value "OR" to "AND", the first query above will automatically be parsed at search time as:

PRO = Hoffmann and La and Roche

11.2. RESULT LIST CONTENT CUSTOMISATION

Located on the UI top toolbar, on the **Preferences** menu under **Result list content**:

By default the result list contains a single **Publication** column, and you may decide to add and re-order additional relevant columns.

☝ **Note**: You can define one customised layout for displaying the result list and a different one for downloads (see above, **Content for display** and **Content for download/print** tabs).

11.3. DOCUMENT CONTENT CUSTOMISATION

"Document" in this context means a Bulletin document, i.e. the set of bibliographic and procedural data fields of a European patent application or granted European patent.

Located on the UI top toolbar, on the **Preferences** menu under **Document content**:
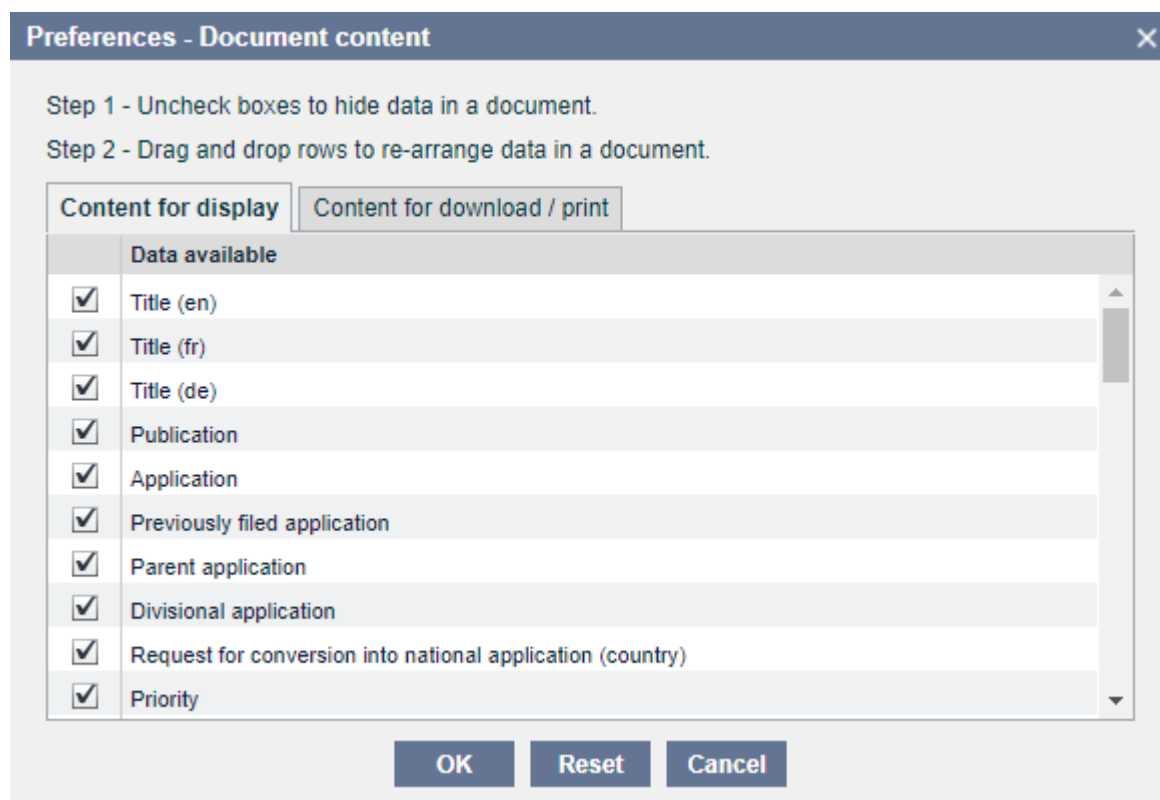
By default, all fields are selected, but you can remove non-relevant items and re-arrange the relevant ones.

🔖 **Note**: You can define one customised layout for document display and a different one for downloads (see above, **Content for display** and **Content for download/print** tabs).

12. DOWNLOAD

12.1. OVERVIEW

The download feature is accessible on the UI top toolbar and the current download limit is set at 1 500 for documents and result list entries.

The download procedure starts with a data preparation process carried out on the server side. This process includes wrapping the data into a single zip file.

Once prepared, the data is available for a twenty-four hour download procedure.

The **Download** menu contains two options:

- **Prepare download**: Opens a pop-up window where you define the data, data format and data range used by the preparation process.

- **Download manager**: Opens a pop-up window which includes a list of prepared data ready for the download process, or of data being prepared.

12.2.   PREPARATION PROCESS

❶ Downloadable data:
- Search history
- Result list
- Document
- Chart

❷ Download formats:

	PDF	ODT	RTF	XML	CSV	XLS	HTML	JSON
Search history	✓				✓			
Result list	✓			✓	✓	✓	✓	
Document	✓	✓	✓	✓				
Chart	✓				✓			✓

❸ Selection of EP combined with UP data, and/or legal event data (INPADOC).

❹ Definition of download range. For example, select **All** to download all the entries on your current result list, or all their corresponding Bulletin documents. "Selection" means the currently selected and displayed document or the selected entries from the result list.

12.3.   DOWNLOAD PROCESS

During the preparation process, the following window pops up in the bottom right-hand corner of the UI:
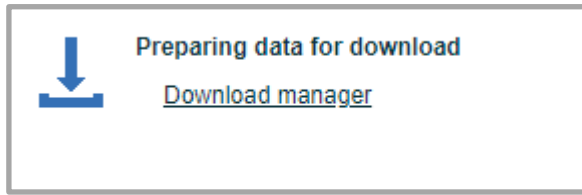
Once the preparation process terminates, the data is ready for download and the following window pops up (items in **bold grey** are links):
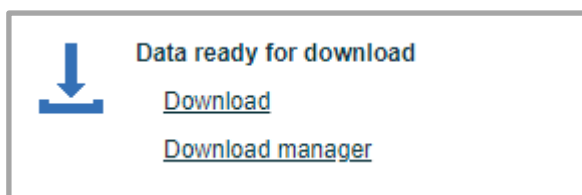
You can run multiple preparation processes first, and then download the corresponding files via the **Download manager**:
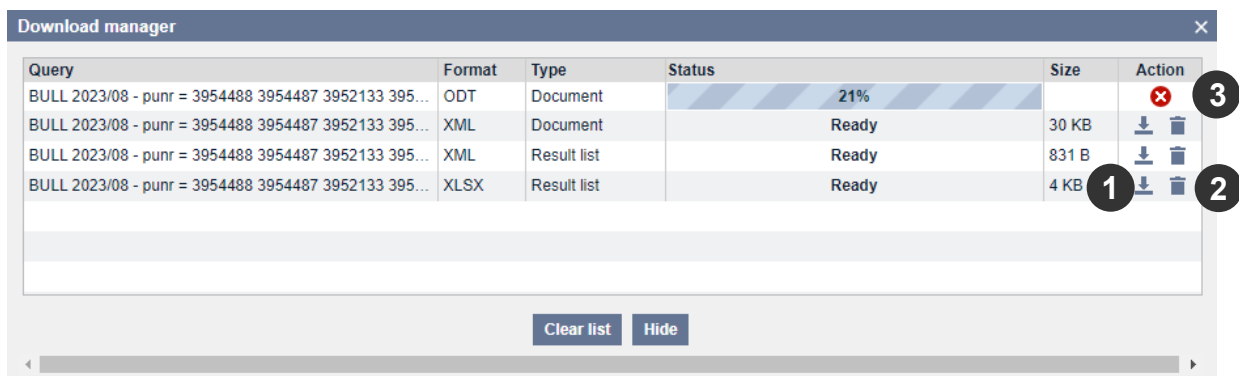
❶ Click this icon to start the download process.

❷ Click this icon to delete an item from the list.

❸ Click this icon to stop the preparation process.

🕮 **Note**: The data of Bulletin documents downloaded in XML is not strictly identical to the XML of the EBD product, i.e. the XML downloaded from Bulletin may not be parsable with the EBD DTDs or schemas.

13. TRANSLATION

Titles of Bulletin documents can be translated using ⇄ **patenttranslate**. Developed by the EPO in co-operation with Google, this service generates on-the-fly translations and is also used in Espacenet and the European Publication Server.
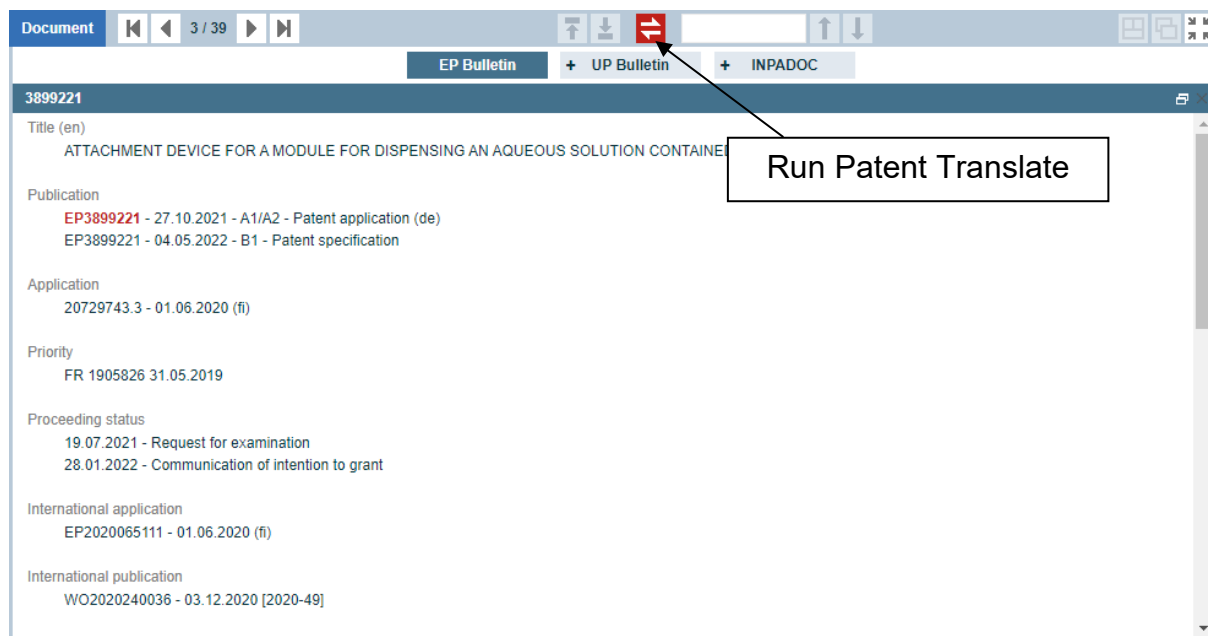
When you click the **Translation** button, the data is relayed to Patent Translate.

Before translation:

Select your target language from the list, and click the ⇄ patenttranslate button:

Translation □ ×

Notice

The translation is machine-generated. It cannot be guaranteed that it is intelligible, accurate, complete, reliable or fit for specific purposes. Critical decisions, such as commercially relevant or financial decisions, should not be based on machine-translation output.

Translation to | Korean | ▼ | ⇄ patenttranslate | Powered by EPO and Google   Display original text

ATTACHMENT DEVICE FOR A MODULE FOR DISPENSING AN AQUEOUS SOLUTION CONTAINED IN A TANK ON BOARD A MOTOR VEHICLE

Close

After translation:

Translation □ ×

Notice

이 번역은 기계 번역입니다. 번역이 지적이거나, 정확하거나, 완벽하거나, 신뢰성이 있거나 특정 목적에 부합하는 것을 보장할 수 없습니다. 기계 번역을 바탕으로 상업적으로 의미가 있거나 재정적인 결정 등의 중요한 결정을 해서는 안 됩니다.

Translation to | Korean | ▼ | ⇄ patenttranslate | Powered by EPO and Google   Display original text

모터 차량에 탑재된 탱크에 포함된 수용액을 분배하기 위한 모듈용 부착 장치

Close

Hover over the translated text to display the original text.

14. LIMITATIONS

	Limit	Comment
Query		
Number of Boolean clauses	10 240	For example, CIGR=2022 is one Boolean clause. The exact number of Boolean clauses is difficult to count because most criteria are combinations of low-level criteria.
Number of characters	100 000	
Number of wildcards per term	5	
Search		
Search history	100	
Result list		
Scrollable length	10 000	
Download		
Number of result list entries and documents	1 500	
Persistence	-	Duration of the UI session.
Statistics		
Persistence	-	Duration of the UI session.

15. TROUBLESHOOTING

In some circumstances you may see error messages, e.g. when running searches or browsing your search results. This may be due, for example, to issues related to the Bulletin database or to low or no connectivity.

If you get an error message, or if the UI does not operate as expected, we recommend the following:

1. Run your search again. If Bulletin still does not operate properly, follow up with step 2.

2. Reload the UI by pressing Ctrl + F5 on your keyboard. If Bulletin still does not operate properly, contact our support team at support@epo.org. We recommend that you send us a screenshot to help us analyse the problem as quickly as possible.

📖 **Note**: You may have to repeat the login procedure if you are using Bulletin:

- during the database update on Wednesday at 14.00 hrs CET

- during the update of other databases available in the UI on Friday at 12.00 hrs CET

If you find data which is possibly incorrect or you experience unexpected UI performance, or if you wish to suggest any enhancements, please contact our support team at support@epo.org.

16. GLOSSARY

EP Bulletin search ("Bulletin" in this document): product (database) available in the "Patent information services for experts" UI, offering a rich and comprehensive access to bibliographic and procedural data for all published European patent applications and granted patents.

EP full-text search: product (database) available in the "Patent information services for experts" UI, offering a rich and comprehensive access to bibliographic data, descriptions, claims, drawings and search reports for all published European patent applications and granted patents.

European Publication Server: The legally authoritative source of European patent applications and European patent specifications published by the EPO and accessible at https://data.epo.org/publication-server

European Patent Bulletin: The European Patent Bulletin (PDF documents – weekly publication) contains bibliographic and procedural data on European patent applications and granted patents as laid down in Rule 143 EPC. The PDF files are accessible for download at http://www.epo.org/searching-for-patents/legal/bulletin

European Patent Register: The European Patent Register contains all the publicly available information on European patent applications from filing to grant, including data on oppositions, patent attorney/EPO correspondence and more. Accessible at http://www.epo.org/searching-for-patents/legal/register

EBD: EBD stands for EPO Bibliographic Data, which is one of the EPO raw data products. It is extracted every week from the EPO's administrative EPASYS database. The data gives details of all newly published applications and patents and recent changes in previously published applications and patents. EBD is the input data used by EP Bulletin search and the European Patent Bulletin. More information at https://www.epo.org/searching-for-patents/data/bulk-data-sets/ebd.html

INPADOC: The EPO's worldwide legal status data collection, containing the legal status data of patent documents supplied to the EPO by over 50 countries. Legal status relates to information on events during the lifetime of a patent. More information at https://www.epo.org/searching-for-patents/data/bulk-data-sets/inpadoc.html

"Patent information services for experts": Web application offering access to several products (databases) with search, download and visualisation functions via its UI accessible at https://data.epo.org/expert-services.

UI: User interface of "Patent information services for experts".

Search criterion, criterion (plural = criteria): Represents searchable data. A criterion is identified by a code used in a Boolean query and a name. For example TIEN stands for "Title in English".

Index: An index is the underlying data structure used during searches, i.e. there is one index per search criterion; index content can be displayed to check the availability, spelling and format of data.

Document: A Bulletin document displayed in the UI is a set of data linked to the proceedings of a European patent application. It includes:
- searchable data (taken from EBD):
    - Bibliographic data (one exception: citations are not searchable)
    - procedural data (EP and UP proceedings information)
- data fetched on the fly (EPO web service OPS) and not searchable per se:
    - "INPADOC legal status" field

ANNEX 1

DESCRIPTION OF SEARCH CRITERIA

Criterion code	Criterion name	Query example
EP BULLETIN		
General		
APN	Application number	APN = 03742510
APD	Application filing date	APD = 2020 APD = 202012 APD = 20201231
PRAPN	Previously filed application	PRAPN = DE* PRAPN = DE102007026887
PAAPN	Parent application	Parent application or publication number PAAPN = 15742152 PAAPN = 3165058
DVAPN	Divisional application	Divisional application or publication number DVAPN = 21162979 DVAPN = 3911129
PUN	Publication number	PUN = 2362720
PUK	Last publication kind	PUK = B3

PUA12	Publication of patent application (A1, A2)	PUA12 = 202112
PUA3	Publication of search report (A3)	PUA3 = 202301
PUB1	Publication of granted patent (B1)	PUB1 = 202301
PUB2	Publication of amended patent specification (B2)	PUB2 = 202301
PUB3	Publication of limited patent specification (B3)	PUB3 = 202301
PRL	Procedure language	PRL=FR
IAPN	International application number	IAPN = AT* IAPN = AT2010* IAPN = AT2010000064
IAPD	International application filing date	IAPD = 2020 IAPD = 202012 IAPD = 20201231
IPUN	International publication number	IPUN = WO2017*
IPUD	International publication date	IPUD = 202301

PCTG	Issue PCT Gazette	PCTG = 202101
PRN	Priority number	PRN = JP*
PRD	Priority date	PRD = 2020 PRD = 202012
TIEN	Title (en)	TIEN = SYMBIOSIS TIEN = VIRAL and SYMBIOSIS TIEN = VIRAL +1w SYMBIOSIS
TIFR	Title (fr)	TIFR = MOTOCULTURE
TIDE	Title (de)	TIDE = MELDUNGSVORRICHTUNG*
IPC	IPC (all editions/versions)	IPC = A01B1/06 IPC = A01B1 IPC = A01B
ICF	IPC full level	ICF = A01B1/06 ICF = A01B1 ICF = A01B
ICFA	IPC full level (additional information)	ICFA = A01B1/06 ICFA = A01B1 ICFA = A01B

ICFI	IPC full level (invention information)	ICFI = A01B1/06 ICFI = A01B1 ICFI = A01B
CPC	CPC (Cooperative Patent Classification)	CPC = Y02E60/10 CPC = Y02E60 CPC = Y02E
CPCA	CPC (additional information)	CPCA = H01L24/32 CPCA = H01L24 CPCA = H01L
CPCI	CPC (invention information)	CPCI = H01L24/48 CPCI = H01L24 CPCI = H01L
CSET	C-Set (Combination set)	CSET = H01L2224/13411 CSET = H01L2224 CSET = H01L
DCS	Designated contracting state	DCS = DE
DXS	Designated extension state	DXS = ME and BA
XD	Extension date	XD = 2023

DVS	Designated validation state	DVS = MA and MD
VD	Validation date	VD = 202301
CWE	Current week	CWE = YES
MRE	Most recent event	MRE = 202301
BULLD	European Patent Bulletin (publication date)	BULLD = 20230426 BULLD = 202304
BULLW	European Patent Bulletin (publication week)	BULLW=202317
DST	Document status	Status values: C (publication of a correction, e.g. new B9) N (new publication, e.g. new B1), R (amended publication, e.g. a new procedural event is included in a previously published publication) DST = N

Inventor, applicant, proprietor, representative		
INV	Inventor	INV = "Hoffmann Ralf" INV = Adam and Mark
INVC	Inventor (country)	INVC = DE
APP	Applicant	APP = Siemens APP = "Marine Systems" APP = Siemens andnot Bosch
APPC	Applicant (country)	APPC= AT
PRO	Proprietor	PRO = Siemens PRO = "Marine Systems" PRO = Siemens andnot Bosch
PROC	Proprietor (country)	PROC = DE
REP	Representative	REP = "Forresters IP"
REPC	Representative (country)	REPC = DE

Examination		
APR	Application refused	APR = 202301
APW	Application withdrawn	APW = 202301
APDW	Application deemed withdrawn	APDW = 202301
XRQ	Request for examination	XRQ = 202301
DCSR	Despatch of correction to search report	DCRS = 202301
DSSR	Despatch of supplementary search report	DSSR = 202301
DFXR	Despatch of first examination report	DFXR = 202301
CIGR	Communication of intention to grant	CIGR = 202301
PRSI	Stay/interruption of proceedings	PRSI = 202301
PRR	Resumption of proceedings	PRR = 202301

	Opposition	
OPD	Opposition filing date	OPD = 202301
OPDNF	Opposition deemed not filed	OPDNF = 202301
OPAD	Opposition admissible	OPAD = 202301
OPIN	Opposition inadmissible	OPIN = 202301
OPRJ	Opposition rejected	OPRJ = 202301
OPP	Opponent	OPP = Siemens
OPPC	Opponent (country)	OPPC = DE
OPRE	Opponent's representative	OPRE = "Forresters IP"
OPREC	Opponent's representative (country)	OPREC = DE
OPRV	Revocation of patent	OPRV = 202301
OPTR	Termination of opposition procedure	OPTR = 202301
OPNO	No opposition filed within time limit	OPNO = 202301

Limitation		
LMRQ	Request for limitation of patent	LMRQ = 202301
LMAL	Limitation of patent allowed	LMAL = 202301
LMRJ	Limitation of patent rejected	LMRJ = 202301

Licence		
LCS	Licensee	LCS = "Vincerx Pharma"
LCRG	Licence registration	LCRG = 202301
LCRGC	Licence registration (country)	LCRGC = FR and CH

Lapse		
LP	Lapse	LP = 202301
LPC	Lapse (country)	LPC = FR and DE

Other		
CVRQ	Request for conversion into national application	CVRQ = 202301
CVRQC	Request for conversion into national application (country)	CVRQC = NL
RVPRQ	Request for revocation of patent by proprietor	RVPRQ = 202301
RVP	Revocation of patent by proprietor	RVP = 202301
RRQ	Request for re-establishment of rights	RRQ = 202301
RRQD	Re-establishment of rights	RRQD = 202301
PNT	Public notification	PNT = 112
PNTA	Public notification (addressee)	PNTA = ZTE

LME	Legal means of execution or other rights in rem	LME = 202301
LMEC	Legal means of execution or other rights in rem (country)	LMEC = AT
PTRW	Decision on petition for review	PTRW = 202301

UP BULLETIN		
UP – General		
URQ	Request for unitary effect	URQ = 202306
UWD	Withdrawal of request for unitary effect	UWD = 202306
URJ	Rejection of request for unitary effect	URJ = 202306
URG	Registration of unitary effect	URG = 202306
ULE	Legal effect of unitary effect	ULE = 202306
UMSCP	Member state covered by unitary patent protection	UMSCP = DE
UMRE	Most recent event	UMRE = 202306

UP - Applicant, proprietor, representative		
UPBAP	Place of business of applicant	Cumulates city and country information. UPBAP = Paris
UPRO	Proprietor	Cumulates name and city information. UPRO = "Siemens AG"
UPROC	Proprietor (country)	UPROC = DE
UREP	Representative	Cumulates name, street and city information. UREP = "Rohr Patentanwälte"
UREPC	Representative (country)	UREPC = FR

UP - Unified Patent Court		
UAC	Action	UAC = 202306
UACC	Action number	UACC = UPC_105/2023
UDAC	Decision on action	UDAC = 202306
UDACR	Reference of decision on action	
UAPD	Appeal on decision	UAPD = 202306
UAPDC	Appeal number	UAPDC = UPC_205/2023
UDAP	Decision on appeal	UDAP = 202306
UDAPR	Reference of decision on appeal	
OORG	Opt-out registration	OORG = 202306
OOWD	Opt-out withdrawal	OOWD = 202306

UP - Renewal fee		
URFY	Year of renewal fee	URFY = 5
URFP	Renewal fee payment	URFP = 202306
UAFS	Start of additional fee period	UAFS = 202306
UAFP	Additional fee payment	UAFS = 202306

UP – Licence		
ULCC	Licencing commitment	ULCC = 202306
ULCCSB	Licencing commitment (standardisation body)	ULCCSB = "Electrotechnical Standardization"
USLC	Statement concerning licence of right	USLC = 202306
USLCWD	Withdrawal of statement concerning licence of right	USLCWD = 202306
ULCS	Licensee	ULCS = Panasonic
ULCRG	Licence registration	ULCRG = 202306
ULCRGC	Licence registration (country)	ULCRGC = DK

UP – Lapse		
ULPSN	Notification on lapse situation	ULPSN = 202306
ULP	Lapse	ULP = 202306

UP – Other		
URRQ	Request for re-establishment of rights	URRQ = 202306
URRQD	Re-establishment of rights	URRQD = 202306
UPNT	Public notification	UPNT = "OEB Form 2015C"
UPNTA	Public notification (addressee)	UPNTA = Eurolum
ULME	Legal means of execution or other rights in rem	ULME = 202306
ULMEC	Legal means of execution or other rights in rem (country)	ULMEC = FR
UICA	Information communicated by other authorities	UICA = 202306
UICAC	Information communicated by other authorities (country)	UICAC = DE

EP + UP BULLETIN		
APRAP	All proprietors/applicants	APRAP = SIEMENS
APRO	All proprietors	APRO = "SIEMENS AG"
AREP	All representatives	AREP = "Mathys & Squire"
ALCS	All licensees	ALCS = "abbott diagnostics"
APNTA	All addressees of public notifications	APNTA = Eurolum
ALLP	All parties	ALLP = google

ANNEX 1.A

RENAMED SEARCH CRITERIA

Old criteria	New criteria	
APNR	APN	Application number
APDT	APD	Application filing date
EAPP	PRAPN	Previously filed application number
PUNR	PUN	Publication number
PUKD	PUK	Last publication kind
PUA	PUA12	Publication of patent application (A1, A2)
DSRDT	PUA3	Publication of search report (A3)
PLNG	PRL	Procedure language
AINR	IAPN	International application number
AIDT	IAPD	International application filing date
PINR	IPUN	International publication number
PIDT	IPUD	International publication date
PIGZ	PCTG	PCT Gazette issue
PRNR	PRN	Priority number
PRDT	PRD	Priority date
TTLE	TIEN	Title (en)
TTLF	TIFR	Title (fr)
TTLG	TIDE	Title (de)
XDT	XD	Extension date
VDT	VD	Validation date
PUDT	MRE	Most recent event
BULLDT	BULLD	European Patent Bulletin (publication date)
BULLNR	BULLW	European Patent Bulletin (publication week)
STAT	DST	Document status
INNM	INV	Inventor
INCY	INVC	Inventor (country)
APNM	APP	Applicant
APCY	APPC	Applicant (country)
GTNM	PRO	Proprietor
GTCY	PROC	Proprietor (country)
RENM	REP	Representative
RECY	REPC	Representative (country)
PCRF	APR	Application refused
PCWD	APW	Application withdrawn
PCDW	APDW	Application deemed withdrawn
PSEX	XRQ	Request for examination
PSCS	DCSR	Despatch of correction to search report
PSDS	DSSR	Despatch of supplementary search report
PSFC	DFXR	Despatch of first examination report
PSAN	CIGR	Communication of intention to grant
PSSI	PRSI	Stay/interruption of proceedings
RSDT	PRR	Resumption of proceedings

Old criteria	New criteria	
OPRD	OPRJ	Opposition rejected
OPNM	OPP	Opponent
OPCY	OPPC	Opponent (country)
OANM	OPRE	Opponent's representative
OACY	OPREC	Opponent's representative (country)
OPDC	OPTR	Termination of opposition procedure
PCNO	OPNO	No opposition filed within time limit
LIMP	LMRQ	Request for limitation
LIMA	LMAL	Limitation allowed
LIMR	LMRJ	Limitation rejected
LCNM	LCS	Licensee
LCDS	LCRGC	Licence registration (country)
LPDT	LP	Lapse
LPCY	LPC	Lapse (country)
RCDT	CVRQ	Request for conversion into national application
RCCY	CVRQC	Request for conversion into national application (country)
REVR	RVPRQ	Request for revocation by proprietor
REVD	RVP	Revocation by proprietor
PSRQ	RRQ	Request for re-establishment of rights
PSSR	RRQD	Decision on request for re-establishment of rights
REVP	PTRW	Decision on petition for review

ANNEX 1.B

NEW EP SEARCH CRITERIA

PAAPN	Parent application
DVAPN	Divisional application
LCRG	Licence registration
PNT	Public notification
PNTA	Public notification (addressee)
LME	Legal means of execution or other rights in rem
LMEC	Legal means of execution or other rights in rem (country)

DELETED EP SEARCH CRITERIA

PA	"Proprietor/Applicant" – use APRAP "All proprietors/applicants" instead
PACY	"Proprietor/Applicant (country)" – use instead e.g. APPC or PROC or UPROC = DE
PSDP	"Grant of patent" – use PUB1 instead
PCPA	"Patent maintained in amended form" – use PUB2 instead

ANNEX 2

DESCRIPTION OF DOCUMENT FIELDS

The presence of fields in a Bulletin document is a user preference - see the Preferences / Document content menu to hide and re-arrange document fields.

This annex describes the content of document fields available in the following document sections:

- EP BULLETIN

- UP BULLETIN

- INPADOC legal events

EP Bulletin + **UP Bulletin** + **INPADOC**

Field name	Content / example
Title (en) / Title (fr) / Title (de)	Title in English language (or in French or German language depending on the selected user interface language). Example: FARM MACHINE FOR DESTROYING PLANT COVER ON SOIL BY MECHANICAL REMOVAL Corresponding search criteria: TIEN "Title (en)", TIFR "Title (fr)", TIDE "Title (de)". Corresponding result list columns: "Title (en)", "Title (fr)", "Title (de)".

Publication	Publication country (EP), number, date, kind code and language under which the European Patent Bulletin mentions the publication.

The publication number in red is a link to the European Patent Register.

Publication kinds used for EP patent documents:

- A1: European patent application published with European search report
- A2: European patent application published without European search report
- A3: Separate publication of the European search report
- A8: Corrected title page of an A document
- A9: Complete reprint of an A document
- B1: European patent specification (granted patent)
- B2: New European patent specification (after opposition procedure)
- B3: New European patent specification (after limitation procedure)
- B8: Corrected title page of a B document
- B9: Complete reprint of a B document

Example:
    EP0897826 - 24.02.1999 - A1/A2 - Patent application (de)
    EP0897826 - 27.12.2000 - A3 - Search report
    EP0897826 - 06.09.2017 - B1 - Patent specification

Corresponding search criteria: PUN "Publication number", PUK "Last publication kind", PUA12 "Publication of patent application (A1, A2)", PUA3 "Publication of search report (A3)", PUB1 "Publication of granted patent (B1)", PUB2 "Publication of amended patent specification (B2)", PUB3 "Publication of limited patent specification (B3)".

Corresponding result list columns: "Publication", "Last publication kind", "Publication of patent application (A1, A2)", "Publication of granted patent (B1)", "Publication of amended patent specification (B2)", "Publication of limited patent specification (B3)", "Publication of search report (A3)". |

Application	Number, filing date and language of the European patent application. The application number consists of nine digits. The first two digits indicate the year of filing. The last digit is a check digit. The six digits in between are used to number consecutively the applications in the order in which they are received. Example: 16151027.6 - 13.01.2016 (de) Corresponding search criteria: APN "Application number", APD "Application filing date". Corresponding result list columns: "Application number", "Application filing date".
Previously filed application	Country, number and filing date of the previously filed application used by the applicant for filing by reference. Examples: WOPCT/US2010/020998 - 14.01.2010 Corresponding search criterion: PRAPN "Previously filed application". Corresponding result list column: "Previously filed application".

Parent application	Parent application number (and publication number) of the currently displayed application, which is a division of its parent. The parent may itself be a division. Example: 02100162 - 1235094 Corresponding search criterion: PAAPN "Parent application". Corresponding result list column: "Parent application".
Divisional application	Divisional application number (and publication number when available) of the currently displayed application, which is the parent of this division. Example: 13001160 - 2610003 Corresponding search criterion: DIAP "Divisional application". Corresponding result list column: "Divisional application".
Request for conversion into national application	Date and country where a conversion of the European patent application into a national application is requested. Example: 08.06.2021 - ES PL Corresponding search criteria: CVRQ "Request for conversion into national application", CVRQC "Request for conversion into national application (country)" Corresponding result list columns: "Request for conversion into national application", "Request for conversion into national application (country)"

Priority	Country, number and date of the priority application(s). An application kind code is sometimes available.
	Example:
	US142947 P - 07.01.2009 US652224 - 05.01.2010
	Corresponding search criteria: PRN "Priority number", PRD "Priority date".
	Corresponding result list columns: "Priority number", "Priority date".

| Most recent event | Most recent event or list of the most recent events available for an application. For example, application refusal, change in applicant/proprietor data, publication of a B1 document, patent revocation, etc.

Field content:

- A prefix consisting of:
  - o The text "Change" in the case of a former data which is replaced by a newer data due to a change. For example a change of applicant/proprietor (name and/or address).
  - o The text "Deletion" in the case of a former data which is deleted. For example, the deletion of a publication, the deletion of designated contracting states.
  - o No text in the case of a new event. For example, the publication of an A1 document, the refusal of an application.
- The event per se. For example, "Rejection of opposition", "Lapse of the patent in a contracting state".
- The date of publication and year/week number of the European patent Bulletin which mentions the event (see notes below).

Examples:

    Change - Applicant - Published on 07.06.2023 [2023-23]
    Communication of intention to grant - Published on 07.06.2023 [N/P]

Corresponding search criteria: MRE "Most recent event", CWE "Current week", BULLD "European Patent Bulletin (publication date)", BULLW "European Patent Bulletin (publication week)", DST "Document status".

Corresponding result list columns: "Most recent event", "Document status".

Notes:
- A number of events present and searchable in Bulletin are not mentioned in the European Patent Bulletin. For example, "Despatch of first examination report" (criterion DFXR) and "Communication of intention to grant" (criterion CIGR). In this case the publication date is the publication date of Bulletin and the European Patent Bulletin year and week number are set to **[N/P]** (Not Published).
- The field is not available in the case of events published before 2006. |

Proceeding status	Dates of legal effect and associated EP procedural events not included in other fields.
	Example:
	07.09.2004 - Re-establishment of rights 06.05.2004 - Request for re-establishment of rights 25.10.2002 - Despatch of first examination report 20.01.2000 - Despatch of supplementary search report 10.04.1997 - Request for examination
	Corresponding search criteria: XRQ "Request for examination", CIGR "Communication of intention to grant", DCSR "Despatch of correction to search report", DSSR "Despatch of supplementary search report", DFXR "Despatch of first examination report", RRQ "Request for re-establishment of rights", RRQD "Re-establishment of rights", PRSI "Stay/interruption of proceedings", PRR "Resumption of proceedings".
	Corresponding result list columns: "Request for examination", "Communication of intention to grant", "Despatch of correction to search report", "Despatch of supplementary search report", "Despatch of first examination report", "Request for re-establishment of rights", "Re-establishment of rights", "Stay/interruption of proceedings", "Resumption of proceedings".

International application	Country (receiving office), number, filing date and language of the international application.
	Example:
	FR2010050001 - 04.01.2010 (fr)
	Corresponding search criteria: IAPN "International application number", IAPD "International application filing date".
	Corresponding result list columns: "International application number", "International application filing date".
International publication	WO number, date and PCT gazette number of the international publication.
	Example:
	WO2010076546 - 08.07.2010 [2010-27]
	Corresponding search criteria: IPUN "International publication number", IPUD "International publication date", PCTG "Issue PCT Gazette".
	Corresponding result list columns: "International publication number", "International publication date", "Issue PCT Gazette".

Applicant	Name of the applicant of the European patent application, address and country of residence.
	
	Example:
	
	- Samsung SDI Co., Ltd.
	  428-5, Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do / KR
	- Robert Bosch GmbH
	  Postfach 30 02 20, 70442 Stuttgart / DE
	
	Corresponding search criteria: APP "Applicant", APPC "Applicant (country)".
	
	Corresponding result list columns: "Applicant", "Applicant (city)", "Applicant (country)".

Proprietor	Name of the proprietor of the European granted patent, address and country of residence. Example: Crocus Technology S.A. Place Robert Schuman 5, 38025 Grenoble Cedex / FR Corresponding search criteria: PRO "Proprietor", PROC "Proprietor (country)". Corresponding result list columns: "Proprietor", "Proprietor (city)", "Proprietor (country)".

Inventor	Inventor name, address and country of residence. Examples: • Burtin, Jean Pierre 9, rue des Glaneuses, 38120 Saint-Egreve / FR • Dobrowolski, Flavien Le Grand Pré, 38650 Sinard / FR The inventor has waived his right to be thus mentioned. Corresponding search criteria: INV "Inventor", INVC "Inventor (country)". Corresponding result list columns: "Inventor", "Inventor (city)", "Inventor (country)".
Representative	Name of the representative of the applicant/proprietor, address and country of residence. Example: Fénot, Dominique, et al Alcan France S.A.S. Propriété Industrielle 217, cours Lafayette, 69451 Lyon Cedex 06 / FR Corresponding search criteria: REP "Representative", REPC "Representative (country)". Corresponding result list columns: "Representative", "Representative (city)", "Representative (country)".

Cited document	Prior art cited documents (patents and non-patent literature - NPL) of the search report and examination phase. Example: EP0219115A; EP0361775A; EP1619286A; WO98/00902A; GB2332212A; GB2333300A EP0665486A; EP0691619A; EP0726515A • BOGEN M ET AL: "W3Gate -- A Web access for outsiders" COMPUTER NETWORKS AND ISDN SYSTEMS, NORTH HOLLAND PUBLISHING. AMSTERDAM, NL, vol. 28, no. 14, November 1996 (1996-11), pages 1979-1990, XP004014509 ISSN: 0169-7552 • ADAMS N ET AL: "AN INFRARED NETWORK FOR MOBILE COMPUTERS" PROCEEDINGS OF THE USENIX MOBILE AND LOCATION-INDEPENDENT COMPUTING SYMPOSIUM, 2 August 1993 (1993-08-02), pages 41-51, XP000600162 Patent citations are links to Espacenet. Corresponding search criteria: N/A (citations are not searchable) Corresponding result list columns: N/A.
IPC	List of IPC symbols. Example: **A46B 5/00** (2006.01); **A46B 9/06** (2006.01); A45D 19/00 (2006.01); A46B 9/02 (2006.01) Symbols are links to the WIPO IPC scheme (invention symbols in bold, additional symbols not in bold). Corresponding search criteria: IPC "IPC (all editions/versions)", ICF "IPC full level", ICFI "IPC full level (invention information)", ICFA "IPC full level (additional information)". Corresponding result list columns: "IPC (invention information)", "IPC (additional information)".

CPC	List of CPC symbols (as of 2021 week 37). Example: **H05B 47/11** (2020.01); **H05B 47/115** (2020.01); H05B 47/19 (2020.01); H04L 67/125 (2013.01) Symbols are links to the CPC scheme (invention symbols in bold, additional symbols not in bold). Corresponding search criteria: CPC, CPCI "CPC (invention information)", CPCA "CPC (additional information)". Corresponding result list columns: "CPC (invention information)", "CPC (additional information)".
C-Set	List of combination sets (a set being a list of CPC symbols – as of 2021 week 37) Example: 1. C08L 75/08 + C08K 3/36 + C08K 5/549 + C08L 71/02 + C08L 83/04 2. C08L 71/02 + C08L 71/02 + C08L 83/04 3. C08L 75/08 + C08L 71/02 + C08L 83/04 Symbols are links to the CPC scheme (invention symbols in bold, additional symbols not in bold). Corresponding search criteria: CSET. Corresponding result list column: "C-Set".
Designated contracting state	List of designated contracting states. Example: AT BE CH DE ES FR GB IT LI NL SE Corresponding search criteria: DCS "Designated contracting state" Corresponding result list column: "Designated contracting state".

Designated extension state	List of designated extension states and dates of extension fee payment when available.
	Examples:
	AL BA HR LV MK YU
	AL (21.03.2017) LT (21.03.2017) LV (21.03.2017) MK (21.03.2017) RO (21.03.2017) SI (21.03.2017)
	Corresponding search criteria: DXS "Designated extension state", XD "Extension date".
	Corresponding result list columns: "Designated extension state", "Extension date".
Designated validation state	List of designated validation states and dates of validation fee payment when available.
	Examples:
	MA MD
	MA (10.03.2017) MD
	Corresponding search criteria: DVS "Designated validation state", VD "Validation date".
	Corresponding result list columns: "Designated validation state", "Validation date".

Loss of rights	Date of legal effect of loss of rights in the following cases: • Application refused • Application withdrawn • Application deemed to be withdrawn • Patent revoked Examples: 24.06.2017 - Application refused 15.09.2017 - Application withdrawn 12.12.2011 - Application deemed to be withdrawn 13.04.2017 - Revocation of patent Corresponding search criteria: APR "Application refused", APDW "Application deemed to be withdrawn", APW "Application withdrawn", OPRV "Revocation of patent". Corresponding result list columns: "Application refused", "Application deemed to be withdrawn", "Application withdrawn", "Revocation of patent". **Note**: Patent revocation by the proprietor (Art. 105(a) EPC) appears in the field "Revocation by proprietor".

Revocation by proprietor	Dates of receipt of request and decision (Art. 105(a) EPC).
	
	The proprietor of a European granted patent may request the revocation of his patent, even after expiry of his patent. This procedure can be followed at any time post grant provided that there is no opposition proceeding pending. Only the patent proprietor is allowed to file a request for revocation.
	
	Field content:
	   - Date of receipt of request for revocation by the proprietor. - Date of revocation of the European granted patent.
	Example:
	    16.02.2017 - Request for revocation of patent by proprietor - Admissible
	    03.05.2017 - Revocation of patent by proprietor
	
	Corresponding search criteria: RVPRQ "Request for revocation of patent by proprietor", RVP "Revocation of patent by proprietor".
	Corresponding result list columns: "Request for revocation of patent by proprietor", "Revocation of patent by proprietor".

Lapse	Dates of lapse legal effect and country codes of the contracting states where the European patent lapsed, for example due the non-payment of the renewal fee.
	
	Example:
	
	    08.03.2017 - BG
	    08.03.2017 - GR
	    08.03.2017 - HR
	
	Corresponding search criteria: LPC "Lapse (country)", LP "Lapse".
	
	Corresponding result list columns: "Lapse (country)", "Lapse".
	
	Note: the lapse information available in Bulletin and more specifically the date is a "date of lapse of the European patent in a contracting state during the opposition period and, where appropriate, pending a final decision on opposition" (Rule 143(1)(p) EPC). Subsequent lapse information may be provided to the EPO by patent authorities and available in the field "INPADOC legal status".

Opposition	All information related to oppositions, except the revocation information available in the field "Loss of rights". Field content: - Date of legal effect in the case of no opposition filed within the time limit. - Date of publication in the case of a patent maintained in amended form (B2 document). - Opposition date and status: filed, deemed not to have been filed, admissible, inadmissible or rejected. - Opponent name, address and country of residence - Opponent's representative name, address and country of residence - Date of termination or rejection of the opposition. Example (EP0500119): 01 - 05.03.1998 - Opposition admissible Opponent : CERATIZIT Austria Gesellschaft m.b.H., A-6600 Reutte/Tirol / AT Termination of opposition procedure : 06.08.2015 Example (EP2964436): 01 - 10.08.2017 - Opposition filed Opponent : Koenig & Bauer AG / Friedrich-Koenig-Straße 4, 97080 Würzburg / DE Example (EP0500119): 01 - 06.03.2002 - Opposition admissible Opponent : Evonik Degussa GmbH / Rellinghauser Strasse 1-11, 45128 Essen / DE Opponent's representative : Hartz, Nikolai / Wächtershäuser & Hartz Patentanwaltspartnerschaft mbB Weinstrasse 8, 80333 München / DE Opposition rejected : 15.05.2017 Example (EP3059608): 31.08.2017 - No opposition filed within time limit Corresponding search criteria: see criteria available in the criteria category "Opposition". Corresponding result list columns: all opposition-related columns.

Limitation	Dates of legal effect and events related to the limitation procedure.
	Field content: • Filing date of request for limitation filed by the proprietor (the request can be filed at any time after grant, after opposition proceedings or even after expiry of the patent) and status of the request: deemed not filed (opposition pending/filed), admissible, withdrawn. • Date of the communication informing the proprietor whether the request for limitation is allowed or rejected. Example (EP1355604): 29.08.2017 - Limitation of patent allowed 26.06.2017 - Request for limitation of patent - Admissible 16.12.2015 - Request for limitation of patent - Withdrawn Example (EP2418343): 26.01.2017 - Request for limitation of patent - Deemed not filed (opposition pending/filed) Example (EP2438127): 17.10.2016 - Limitation of patent rejected 12.10.2015 - Request for limitation of patent - Admissible Corresponding search criteria: LMRQ "Request for limitation of patent", LMAL "Limitation of patent allowed", LMRJ "Limitation of patent rejected". Corresponding result list columns: "Request for limitation of patent", "Limitation of patent allowed", "Limitation of patent rejected".

Petition for review	Date of decision, decision and petition for review number.
	
	A party adversely affected by a decision of a Board of Appeal taken as from 13.12.2007 (entry into force of EPC 2000) may file a petition for review by the Enlarged Board of Appeal. A petition for review may only be based on the grounds defined in the EPC.
	
	Example (EP0682869):
	     15.06.2012 - Granted - R0021/11
	
	Example (EP2138625):
	     04.03.2015 - Not granted - R0005/14
	
	Corresponding search criteria: PTRW "Decision on petition for review".
	
	Corresponding result list column: "Petition for review" (review number with decision date and decision code).

Legal means of execution or other rights in rem	Corresponding search criteria: LME "Legal means of execution or other rights in rem", LMEC "Legal means of execution or other rights in rem (country)". Corresponding result list column: "Legal means of execution or other rights in rem", "Legal means of execution or other rights in rem (country)".
Public notification	Corresponding search criteria: PNT "Public notification", PNTA "Public notification (addressee)". Corresponding result list column: "Public notification", "Public notification (addressee)".

Licence	Licence or sub-licence information registered at the EPO up to the grant of a European patent.
	Field content: • Licence identifier (ID). • Licence kind: "E" for an exclusive licence or nothing for a non-exclusive licence. • Designated contracting state. • Licensee name, address and country of residence. • Date of legal effect of the licence. Example (exclusive licence): ID : 0101 Kind : E Designated state : AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR Licensee : Intellectual Discovery Co., Ltd. / 10th Floor Golden Tower, 511,, Samsung-ro, Gangnam-guSeoul135-090 / KR Date : 08.08.2016 Example (non-exclusive licence): ID : 0101 Designated state : AT BE CH CZ DE DK ES FI FR GB GR IE IT NL NO PL PT SE SK TR Licensee : Suntory Beverage & Food Limited / 3-1-1, Kyobashi,, Chuo-ku, Tokyo 104-0031 / JP Date : 11.10.2016 Corresponding search criteria: LCS "Licensee", LCRG "Licence registration", LCRGC "Licence registration (country)". Corresponding result list columns: "Licensee", "Licence registration", "Licence registration (country)".

+ EP Bulletin   **UP Bulletin**   + INPADOC

UP - Most recent event	Similarly to the document field "Most recent event" in the EP Bulletin section, it includes the list of the most recent UP or UPC related events available.
	Field content:
• For a given event, a prefix consisting of:
  ○ The text "Change" in the case of a former data which is replaced by a newer data.
  ○ The text "Deletion" in the case of a former data which is deleted.
  ○ No text in the case of a new data.
• The event per se. For example, "Request for unitary effect".
• Depending on the event, the date of publication and year/week number of the European patent Bulletin which mentions this event (see notes below).

Example:

Request for unitary effect - Published on 06.09.2023 [2023-36]
Change - Proprietor - Published on 06.09.2023 [2023-36]

Corresponding search criteria: UMRE "Most recent event".

Corresponding result list columns: "UP - Most recent event".

Note: A number of events present and searchable in Bulletin are not mentioned in the European Patent Bulletin. For example, "Opt-out registration" (criterion OORG). In this case i) the publication date is the date the information is made available in EP Bulletin search and ii) the European Patent Bulletin year and week number are set to **[N/P]** (Not Published). |

UP - Unitary patent protection	Dates of request for unitary effect, registration of unitary effect, legal effect of unitary effect, withdrawal of request unitary effect and rejection of request for unitary effect.
	
	Example:
	
	    05.07.2022 - Request for unitary effect
	    22.07.2022 - Registration of unitary effect
	    11.05.2022 - Legal effect of unitary effect
	
	Corresponding search criteria: URQ "Request for unitary effect", URG "Registration of unitary effect", ULE "Legal effect of unitary effect", UWD "Withdrawal of request for unitary effect", URQ "Rejection of request for unitary effect".
	
	Corresponding result list columns: "UP - Request for unitary effect", "UP - Registration of unitary effect", "UP Legal effect of unitary effect", "UP - Withdrawal of request for unitary effect", "UP - Rejection of request for unitary effect".

UP - member states covered	List of member states covered by unitary patent protection. Example: AT BE BG DE DK FI FR GR HU IT MT NL SE SK Corresponding search criterion: UMSCP "Member states covered". Corresponding result list column: "UP - Member states covered".
UP - Place of business of applicant	Address of the applicant. Example: Rue de la Fusée, 98-100 / 1130 Bruxelles / BE Corresponding search criterion: UPBAP "Place of business of applicant". Corresponding result list columns: "UP - Place of business of applicant (city)", "UP - Place of business of applicant (country)".

UP - Proprietor	Proprietor of patent with unitary effect. Example: Siemens Aktiengesellschaft Werner-von-Siemens-Straße 1, 80333 München / DE Corresponding search criteria: UPRO "Proprietor", UPROC "Proprietor (country)". Corresponding result list columns: "UP - Proprietor", "UP - Proprietor (city)", "UP - Proprietor (country)".
UP - Representative	Representative of proprietor of patent with unitary effect. Example: Kramer Barske Schmidtchen Patentanwälte PartG mbB, et al European Patent Attorneys Landsberger Strasse 300, 80687 München / DE Corresponding search criteria: UREP "Representative", UREPC "Representative (country)". Corresponding result list columns: "UP - Representative", "UP - Representative (city)", "UP - Representative (country)".

UPC - Proceedings before the Unified Patent Court	Information provided to the EPO by the Unified Patent Court including action, appeal and decision related information. Example: 27.12.2023 - Action (compensation for licence) - UPC_010/2023 Corresponding search criteria: UAC "Action", UACC "Action number", UDAC "Decision on action", UDACR "Reference number of decision on action", UAPD "Appeal against decision", UAPDC "Appeal number", UDAP "Decision on appeal", UDAPR "Reference number of decision on appeal". Corresponding result list columns: "UPC - Action", "UPC - Action number", "UPC - Decision on action", "UPC - Reference number of decision on action", "UPC - Appeal against decision", "UPC - Appeal number", "UPC - Decision on appeal", "UPC - Reference number of decision on appeal".
UPC - Opt-out	Opt-out from the exclusive competence of the Unified Patent Court – includes opt-out registration and withdrawal dates. This information is provided to the EPO by the Unified Patent Court. Example: 27.12.2023 - Registration Corresponding search criteria: OORG "Opt-out registration", OOWD "Opt-out withdrawal". Corresponding result list columns: "UPC - Opt-out registration", "UPC - Opt-out withdrawal".

UP - Licensing commitment	Licensing commitment in international standardisation bodies Corresponding search criteria: ULCC "Licencing commitment", ULCCSB "Licencing commitment (standardisation body)" Corresponding result list columns: "UP - Licencing commitment", "UP - Licencing commitment (standardisation body)"
UP - Statement concerning licences of right	Corresponding search criteria: USLC "Statement concerning licences of right", USLCWD "Withdrawal of statement concerning licences of right" Corresponding result list columns: "UP - Statement concerning licences of right", "UP - Withdrawal of statement concerning licences of right"
UP - Licence	Corresponding search criteria: ULCS "Licensee", ULCRG "Licence registration", ULCRGC "Licence registration (country)" Corresponding result list columns: "UP - Licensee", "UP – Licensee (city)", "UP – Licensee (country)", "UP - Licence registration", "UP - Licence registration (country)"
UP - Information from national authorities	Corresponding search criteria: UICA "Information from national authorities", UICAC "Information from national authorities (country)" Corresponding result list columns: "UP - Information from national authorities", "UP - Information from national authorities (country)"
UP - Renewal fee	Corresponding search criteria: URFY "Year of renewal fee", URFP "Renewal fee payment", UAFS "Start of additional fee period", UAFP "Additional fee payment" Corresponding result list columns: "UP - Year of renewal fee", "UP - Renewal fee payment", UAFS "UP - Start of additional fee period", UAFP "UP - Additional fee payment"

UP - Lapse	Lapse of the European patent with unitary effect Corresponding search criteria: URFY "Year of renewal fee", URFP "Renewal fee payment", UAFS "Start of additional fee period", UAFP "Additional fee payment" Corresponding result list columns: "UP - Year of renewal fee", "UP - Renewal fee payment", "UP - Start of additional fee period", "UP - Additional fee payment"
UP - Re-establishment of rights	Corresponding search criteria: URFY "Year of renewal fee", URFP "Renewal fee payment", UAFS "Start of additional fee period", UAFP "Additional fee payment" Corresponding result list columns: "UP - Year of renewal fee", "UP - Renewal fee payment", "UP - Start of additional fee period", "UP - Additional fee payment"
UP - Legal means of execution or other rights in rem	Corresponding search criteria: ULME "Legal means of execution or other rights in rem", ULMEC "Legal means of execution or other rights in rem (country)". Corresponding result list columns: "UP - Legal means of execution or other rights in rem", "UP - Legal means of execution or other rights in rem (country)".
UP - Public notification	Corresponding search criteria: UPNT "Public notification", UPNTA "Public notification (addressee)". Corresponding result list columns: "UP - Public notification", "UP - Public notification (addressee)".

INPADOC legal events	Legal event data which relates to information on the events during the lifetime of a patent. The data is collected and processed by the EPO from patent gazettes or registers of various patent authorities, including the EPO and WIPO. The EP data is generated both during the EPO patent granting procedure and in the post-grant phase. Content of an event record: • Event date: it is usually the date of publication of the event, e.g. in a Gazette or Bulletin. • Event code (between square brackets). • Event title • Event additional data, e.g. the date of legal effect Example: 2017-07-31 [PG25 BE] LAPSED IN A CONTRACTING STATE ANNOUNCED VIA POSTGRANT INFORM. FROM NAT. OFFICE TO EPO - Ref Country Code: BE - Further information: LAPSE BECAUSE OF NON-PAYMENT OF DUE FEES - Effective date: 20150331 INPADOC data is fetched on the fly using the EPO web service OPS. Corresponding search criteria: N/A (INPADOC legal events are not searchable). Corresponding result list columns: N/A.