Advanced Search is now Easy

We are glad to present you a new tool to ease the use of the PATENTSCOPE database.

Thanks to the new instant help assistant, you can:

- Validate the query syntax, as you type

- Autocomplete search terms like:
  - Search fields
  - List of values
  - Expression patterns
  - Conjunctions
  - E.g. Type “AB” or “Abstract”

- Search Field translation
  - Lookup can be done by name or by code
  - E.g. Type “CTR” or “Country”

- Lookup Countries by name
  - Country code look up is done automatically
  - Narrow the list of countries by name or code
  - E.g. Type “CTR: ES” or “CTR: Spain”

- Lookup IPC codes
  - Browse the International Patent Classification suggestions
  - E.g. Type “IC: A0”

- Yes/No values are localized
  - Translation to numeric codes “1” and “0” is done by the assistant
  - E.g. Type “TPO: Yes”

- Validation of search query
- Suggestions of terms
- Instant help, as you type
- List of International Patent Classification codes
- Lists of Countries
- Multi-language support
Translation of Search Fields

You can either type the field name or in the page language, and the Assistant converts it into the search engine field name:

For example, in English, typing “Cou” will display all fields containing the token “cou”:

For Japanese, typing “国名” works similarly:

After the selection, the translation occurs, **CTR**: is displayed, and value suggestions are presented, in the user language:

(For advanced users, typing “CT” will also suggest Country, as its symbol is “CTR”)
Date Formats

The assistant recognizes the different date formats supported, as the image shows:

Specific dates (in the format DD.MM.YYYY or DD/MM/YYYY)
Specific month (YYYYMM)
Specific year (YYYY)
Date ranges:
  - [ YYYY TO YYYY ]
  - [ YYYYMM TO YYYYMM ]
  - [ DD.MM.YYYY TO DD.MM.YYYY]
  - ... and mixed combinations

For example, the following expression is valid and searches documents published on a specific date (31.08.2016), or month (201607), within year 2015, or between Jan 1st and March 31st of 2014.
International Patent Classification

The IPC codes are used to classify the patents based on its technology sector.

As there is a large number of codes, suggestions for IPC codes are provided as the user goes into deeper levels. Valid options include both categories and subcategories.

Both code and text matches can be used to determine the suggestions listed.

For example, as the user enters “IC:” (or selects International Class) the initial suggestions show only the top categories, which are assigned the letters A to H:

![Image showing IPC categories A to H]

After one category is selected, its subcategories are shown. For example, after selecting “SECTION F”, the suggestions for F subcategories are loaded:

![Image showing IPC subcategories for SECTION F]

At this point, the user may input the subcategory code or a matching word. E.g. COMBUSTION, will narrow the list of suggestions to F02 and F23.

After selecting F02, the assistant will suggest its subcategories, and so on.
Advanced Search Instant Help Assistance

The Advanced Search Instant Help feature is enabled in the following pages:

- Search | Advanced Search
- Results Page