DECEMBER 2022

CAS STNext®
NEWS

CAS STNext updates make comprehensive searching more convenient

Read on for the latest CAS STNext news, including new links to National Patent Office registers, expanded access to Taiwanese patent information, a new implementation of the Derwent Drug File, reloads of PS, EPFULL, and PCTFULL, and more.

Save the date

CAS STNext e-Seminar
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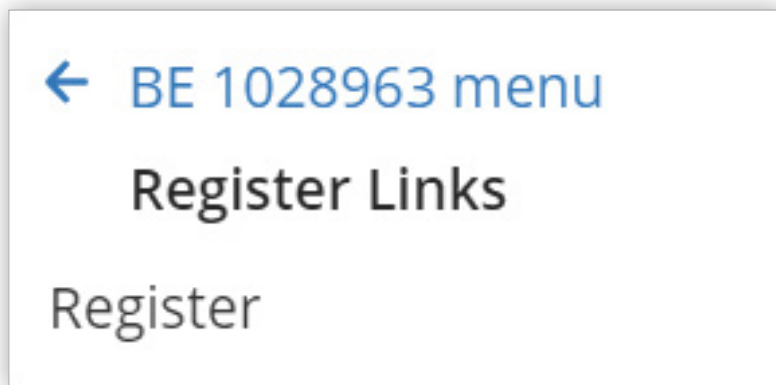A division of the
American Chemical Society

Links to National Patent Registers now available in patent databases

Get direct, convenient access to the latest information in the national registers of patent authorities by using the new "Register Links" feature. With this addition, you can quickly obtain reliable first-hand information on the status of the patent process as well as direct access to the original documents from the patent offices.

Start by searching in one or more of the CAS STNext databases offering patent information. Some of the key resources are CA/CAplus, INPADOCDB and INPAFAMDB, the Derwent World Patents Index® databases, the CAS STNext full-text patent databases, GENESEQ, and USGENE. From the records you have displayed, you can examine the patent information. Left-click on the patent number of interest (the Belgian equivalent for this example) to display the dropdown menu, which now offers the "Register Links" option.

Click on "Register Links" to reveal a sub-menu:

Click "Register" to view the patent in the Belgian patent office's national register.

Deep links like this one are available for the following offices: AT, AU, BE, CA, CH, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, IE, IL, IS, KR, LT, LU, LV, MX, MY, NL, NO, PL, SE, SK, UA, US, WO.

Publications from the IP5 – CN, JP, KR, US and WO – have an additional choice on the "Register Links" sub-menu for the Global Dossier.

Here is a partial Global Dossier record for a Japanese patent:

For some offices, deep linking to the individual patent is not available. The link for patents from these authorities takes you instead to the search page of the national register for the following authorities: AR, BG, CN, CZ, GR, HK, HU, IN, IT, JP, PT, RU, SG, SI, TW. Getting to the patent of interest requires the entry of information specific to the patent in these cases.

For more information, enter HELP REGISTER at an arrow prompt.

Expanded access to Taiwanese patent information with new full-text database and claims coverage

Interested in the patents of Taiwan, one of the world's leading innovators? Building on the coverage of Taiwan already included in various databases within CAS STNext, a new value-added patent full-text database, TWFULL, is now available. In addition, CAplus now provides access to Taiwanese claims.

The new TWFULL database provides coverage of patent applications, granted patents, utility models, and design patents from 1950 to the present. Value-added features include:
- Numeric property searching of 59 chemical and physical properties.
- Key Terms to help users determine relevance and expand search scope. These are one-to-five-word phrases extracted from English text fields (title, abstract, detailed description, and claims).
- The ability to search Independent Claims, either individually (/CLM.IC) or with their dependent claims in claims groups (/CLM.CG).
- A searchable Detailed Description (/DETDEN) field, providing precision searching capabilities.

Coverage of claims data in CAplus was recently expanded to include Taiwan, back to the year 2000. More than 70,000 records now provide claims. For further information, see HELP CLM while in CAplus.

PCTFULL reload provides additional coverage, search enhancements for independent claims and assignee

The November reload of PCTFULL features additional kind code coverage, new search and display fields for independent claims, patent assignee searching improvements, and more.

PCTFULL is now designed as an application-based patent family database. Coverage of kind codes WOA1 and WOA2 continues, and new coverage includes WOA3, WOA4, WOA8, WOA9, and WOB1 (see HELP KIND for details). In total, approximately 730,000 documents have been added to PCTFULL as a result of the expanded kind code coverage.

Redesign of the database into an application-based family database means that it is now important to use the .M display formats in PCTFULL. The default predefined display format is STD.M. To display the patent information, use PI.M; for bibliographic information, use BIB.M.

Additional highlights:

- New search and display fields related to independent claims have been introduced:
    - The /CLM.IC field allows searching of just the independent claims.
    - The /CLM.CG field searches an independent claim and its related dependent claims.
    - Both fields can be custom displayed. See HELP CLAIMS for details.
- The new /DETDEN search and display field provides access to the detailed description in English.
- Nineteen additional physical and chemical properties are now available within the expanded Numeric Property Searching feature. See HELP NPS for details.
- Standardized and normalized patent assignee names for many organizations have been introduced in the /PAS and /PAN fields respectively. See HELP PAN for details.
    - PA provides the patent assignees (organizations and individuals) as provided in the patent. Content varies by Kind Code; address and nationality information is included as available.

        Example: PA   HUNTSMAN INT LLC
                       HAWKINS JOHN
                       SLEVIN CHRISTOPHER DAVID

    - PAS provides standardized organization names. Rules for creating the PAS field content handle spelling variations, punctuation, legal entities such as GmBH and Inc., etc.

        Example: PAS HUNTSMAN INTERNATIONAL

    - PAN provides the normalized organization name for about 3,000 frequently occurring companies and organizations.

        Example: PAN HUNTSMAN

- Key terms, indexed and displayed in the field /KT, are now available for all records in PCTFULL. New software is being used, so the key terms for a specific record may have changed. SET PLURAL, SET SPELLING, and SLART are now available for key terms. For detailed information, see HELP KEY.

- Non-Latin language content (e.g., Chinese, Japanese, Korean, and Russian) is now displayable in specific display fields such as:
    - INJA for inventors in Japanese characters
    - PAKO for patent assignees in Korean characters
    - ABZH for the abstract in Chinese characters
    - CLMRU for the claim text in Russian characters
    - In the field availability index (/FA), these fields are now represented as INJA, PAKO, ABZH, and CLMRU.

- A new search field (/UPTX) has been introduced to provide the date when the text of a document was updated. It displays the AN field of records in the STD.M or BIB.M format, whenever available.

- Claim and description tags have been created (e.g., [CLM0001] for Claim 1, ([DESC0001] for the first Detailed Description paragraph) and inserted into the full text. The standardized tags enable easy scanning.

The updated Database Summary Sheet for PCTFULL is [now available here](#).

EPFULL reload features new independent claims searching capabilities

The November reload of EPFULL provides a variety of exciting new searching capabilities, particularly in the area of independent claims, where two new search and display fields have been introduced:
- The /CLM.IC field allows searching of just the independent claims.
- The /CLM.CG field searches an independent claim and its related dependent claims.
- Both new fields are custom displayable. See HELP CLAIMS for details.

In addition:
- The new /DETDEN search and display field provides access to the patent's detailed description.
- The /RLI predefined display format now includes /RLPI and /RLI.
- Equivalent abstracts are now indexed in the /FA index as AB.EQ (i.e, AB.EQ/FA).

The updated Database Summary Sheet for EPFULL is now available here.

Pharmaceutical Substances (PS) database reloaded

The PS database is now current, with more than 2,800 records covering marketed active pharmaceutical ingredients launched from 1957 to date, as well as preparation methods for pharmaceutical substances.

New data in the file includes recently introduced pharmaceutical substances. The updated Database Summary Sheet for PS is available here.

New implementation of Derwent Drug File (DRUGU/DDFU)

The Derwent Drug File (DRUGU for subscribers/DDFU for non-subscribers) is a bibliographic database that provides information from the worldwide pharmaceutical literature on the whole life cycle of a drug - from drug design to post-marketing surveillance. If you are interested in information on clinical trials, adverse effects, etc., check out this invaluable resource.

The new implementation of the Derwent Drug File on CAS STNext unifies the historical backfiles for DRUGU and DDFU with their respective front files. That means that the new versions of DRUGU and DDFU both now cover 1964 to the present, making comprehensive searching more convenient.

The updated Database Summary Sheet for DRUGU/DDFU is now available here.

Searching non-patent literature citations in Derwent World Patents Index®

To facilitate easy access to a wealth of competitive information, the new Derwent World Patents Index on CAS STNext fully integrates the Derwent Patents Citation Index™, a unique collection of backward and forward patent citations for 32 patent authorities. Non-patent literature (NPL) citations in DWPI are now fully searchable and provide DOI links to the full text of articles and links to other Internet resources. This is also an excellent method to extend your search query.
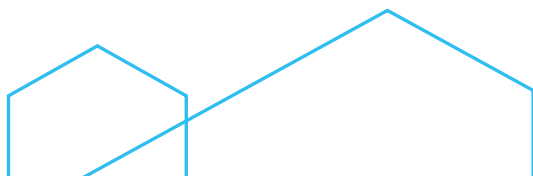
Detailed NPL citations may reference journal articles with title, first author, and source as well as XP numbers and DOI links. Other NPL references cover conference proceedings, books, technical manuals, database records, and press releases. All this information can now be exploited with the new search and display field CDL.

- **Search for inventions citing NPL references about immune responses to liposomes**
  Query: => S (LIPOSOM?(P)IMMUNE RESPONSE?)/CDL
  Display format: AN HIT

- **Search for inventions which cite NPL references of Prof. Matthias Beller**
  Query: => S (BELLER(1A)(MATTHIAS OR M) OR BELLER ET AL)/CDL
  Display format: BIB HIT

- **Search for inventions citing NPL references of Bristol Myers Squibb**
  Query: => S (BRISTOL(2A)MYER#(2A)SQUIBB)/CDL
  Display format: FULL CDL

For more details, see HELP CITATIONS online and the DPCI reference manual [here](#).

Coming soon:

Interactive claims tree: quickly discover the relationships between independent and dependent claims, with features to view and share results with colleagues.

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[1]TechValidate, TVID: AEC-23A-065

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