To view this STNewsline edition and previous ones as pdf, go here.

STNext

New CAS FORMULATIONS™ Database Launched on STNext®

The newest database from CAS was added exclusively on STNext in September 2019. The CAS FORMULATIONS database (file label CASFORM) focuses on the chemistry content of formulations. It also provides information on the products using these formulations, experimental activity of formulations and the processes for making individual formulations. The bulk of the records in the database are derived from patent and journal articles reported in CAplus^{SM}, but a unique information source, drug product inserts, is also covered. For each formulation indexed from CAplus, the original source patent or journal article has been reacquired and analyzed for its unique formulation content, not previously reported in CAS databases or elsewhere.
The location where the formulation content was gathered (e.g., claims 1, 3, 4; Example 4; or Table 2) and bibliographic information about the source document for the formulation record are also provided.

Core subject coverage areas include pharmaceuticals, agroscience and cosmetics, but coverage of coatings, consumer goods food and materials is also provided. A significant backfile is available. English language patents are covered back to 1996, as well as selected patents originally published in Chinese, French, German, Japanese and Korean. Journal article coverage begins in 2014. All drug product inserts from the DailyMed database are also included in the database.

The database is updated weekly, and included over 4.4 million formulations at launch. Hundreds of thousands of new records are expected to be added to the database each year. Alerts are available for weekly, biweekly or monthly delivery. Because the key content of the CAS FORMULATIONS database is so different than other existing STN databases, it is not a member of any cluster.

Global Value Pricing customers have the opportunity to add access to CAS FORMULATIONS to their list of authorized databases. Contact your local service center for details.

A variety of HELP messages are available within the database, and a Database Summary Sheet has been created for the new database here.

CAS FORMULATIONS™ Enhanced on STNext®

e-Seminars

List of e-Seminars

Workshops

THE NETHERLANDS

14 January
STNext Essentials Training

16 January
WebEX: Using substance roles on STNext

23 January
WebEX: Sequence Blast Searching on STNext

28 January
Introduction to DWPI on STNext

30 January
WebEX: Markush Searching in Marpat and DWPIM on STNext

11 February
STNext: Advanced Training

More Information

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To further improve the newest STNext database, a number of enhancements to CAS FORMULATIONS have been released in November 2019. These include:

- More indented display formats – in addition to IBIB, the ICHEM, IPRODUCT, ICHPR and IALL display formats are now also available. In these formats, field codes are replaced by the full name of the field (e.g., instead of IN, INVENTOR).

- More values in the FA (Field Availability) field: Component Name (CNM/FA), Formulation Description (FD/FA), Product Name Type Value (PNV/FA), Group Vocabulary (GVO/FA), Component Vocabulary (CVO/FA), Registry Number (RN/FA), Group Function (GFU/FA), and Component Function (CFU/FA). Search CNM/FA to find records which include information in the CNM field.

- Search for Registry Numbers in the RN supersearch field. Enter an RN of interest, and the results will be provided for postings in the Group RN (/GRPRN) field, the Component RN (/CMPRN) field and the Solvent RN (/SOLRN) field. (Solvent RNs identify substances that must be added to a formulation to activate it into a product, and are distinct from solvents which may be part of a formulation.)

Top Reasons Experienced STN Searchers are Switching to STNext:

Take advantage of STN enhancements the moment they are available without the need to install any software updates or plug-ins. New features and improvements are added monthly!

- Access new fields and data elements in key databases
- Take advantage of increased search power with up to 100 million iterations for structure and reaction searches
- Use the Query Summary file to document your search
- Access to the Derwent Markush Resource (DWPIM)*
- Access to the CAS Formulations™ Database

Leverage your existing skills using the STN command line interface. The same search language that you appreciate in STN Express or STN on the Web is also available in STNext.

The majority of STN usage now happens on STNext. Login to STNext with your standard STN credentials at next.stn.org and see for yourself.

*Separate license required for access

DATABASE NEWS

Third 2019 update to Emtree™ now available on STN®

The third 2019 update to Emtree, the Embase thesaurus, is now available on STNext and other STN platforms.

For this release, 1,049 new preferred terms were added. This includes 872 non-drug terms, 29 medical device terms and 177 drug terms. Emtree now includes almost 84,000 preferred terms and nearly 380,000 synonyms, and is a rich source for search terminology for the biomedical and medical devices literature.

Further details of this Emtree update are available here.

Please check your strategies for Alerts running in Embase to determine if new terminology would increase your retrieval.

CAplus^{SM} Now Provides Non-Conventional Patent Families for Chinese Dual Filings

The Chinese patent system allows for parallel filing of a patent application and a utility model on the same day. This allows companies to get rapid protection with the utility model application for their invention, and stronger patent protection later when the patent application grants.
Because there is no shared patent priority for the utility model and the application, the utility model and the patent application end up in separate patent families. But now, retroactive to filings on September 3, 2019 and later, non-conventional patent families for Chinese dual filings are available in CAplus, linking together the utility model and the application for the same invention. This increases the efficiency of patent analysis.

INPADOC with more current and complete Japanese legal status information

Since update week 2019/41, the Japanese Patent Office (JPO) has accelerated provision of legal status events by two weeks. New legal event data is now available within two weeks after publication (Gazette date in field /LSD). Additionally, the completeness for all JP legal event codes increased considerably. In the past weeks the legal status of about 400,000 JP-applications was updated due to legal events with a Gazette date before 2019.

German Patent Full-Text Database DEFULL enhanced

The patent full-text database DEFULL for patent applications from Germany has been reloaded and enhanced. Full-text is now available for the complete file since earliest publication year 1877. New features are Keyterms (field KT) to support efficient full-text searching and results evaluation, Numeric Property Search, standardized and normalized patent assignee names, CPC combination sets, a special indexing assigned by patent examiners to link major features of an invention, and the new update date UPTX for updated full-text. Also, bibliographic information has been augmented with related application information, and original patent, application and priority numbers.
More details are available with HELP KEY, HELP NPS, HELP CPC, HELP PAN in the database.

TAKE NOTE

PatentPak® now available in USPATFULL/USPAT2 on STNext®

Effective November 24, 2019, STN customers licensing PatentPak have gained access to PatentPak information in chemistry and chemistry-relevant patents in USPATFULL and USPAT2 on STNext. Customers who do not yet have access to PatentPak should contact their local service center for licensing information.

PatentPak is an integrated workflow solution designed to radically reduce time spent acquiring and searching through full-text patents to find vital chemistry insights. The addition of PatentPak into USPATFULL and USPAT2 makes the process of locating chemical information within US patents more efficient.

The new PatentPak information includes PatentPak links and the PPAK (PatentPak location) field.

Up to three links appear at the top of each PatentPak-enhanced record: PatentPak PDF (provides the original clean PDF), PatentPak PDF+ (the PDF supplemented by a table with the chemistry indexed from the patent), and PatentPak Interactive (an interactive version of the patent full-text that highlights the specific location where each indexed substance is discussed). Note that the popular STD and BIB display formats are among the formats enhanced with PatentPak links.

The new PPAK field in relevant USPATFULL and USPAT2 records provides the Registry Numbers, page reference, and as available, chemical name for each substance indexed in CAplus for that patent. The following existing display formats have been updated to include the new PPAK field:

- ALL/IALL
- MAX/IMAX

In addition, the following new display formats provide both PatentPak links and the PPAK field:

- SPP (the STD format enhanced with the new PPAK field and PatentPak links)
- ISPP (the SPP format with text labels)