DECEMBER 2021

STN® NEWS

PATGENE database provides updated BLAST® and GETSIM versions, new searching capabilities, and data quality improvements

The patent sequence database PATGENE, providing rapid access to nucleotide and amino acid sequence data as submitted by patent applicants to the World Intellectual Property Organization (WIPO), has been reloaded and enhanced. The database was previously known as PCTGEN on STN.

Highlights of the new version of the database include:

- Updates to the similarity searching packages BLAST and GETSIM (FASTA)
- Availability of new BLAST algorithms
- Better display of search results
- Improvements in data quality in certain fields
- Better compatibility with other sequence databases and with STN full-text patent databases to make cross-file searching easier
- Increased processing speed for BLAST, GETSIM, and GETSEQ

Save the date

PIUG 2022 Biotechnology Conference
March 1-2, 2022 | Cambridge, MA
Meeting information

PIUG 2022 Annual Conference
May 2-5, 2022 | Alexandria, VA
Meeting information

CAS
A division of the American Chemical Society

September 2021 update to Emtree® now available on STN

The latest version of the Emtree thesaurus launched in Embase on STN on September 12, 2021. Emtree remains a great resource for the latest terminology in biomedicine, pharmacology, and medical devices.

The latest Emtree version adds 92 new drug terms and 589 non-drug terms, including 37 new medical device terms. The thesaurus now contains about 90,776 preferred terms and more than 493,000 synonyms. Highlights of the new version include expanded terminology related to COVID-19 complications and variants, vaccination complications, plus enhancements to the terminologies and hierarchies for meningitis, encephalitis, and thrombocytopenia. Revision and expansion of zoonosis are also completed with this release.

Customers running Alerts in Embase are encouraged to review the latest additions and changes to Emtree to determine whether their search strategies should be updated to ensure continued comprehensive retrieval.

New BizInt BPD report format increases reporting options for STNext users

Users may now download reports in .bpd format for integration with BizInt Smart Charts for Patents, which helps users create, customize, and distribute tabular reports combining data from the leading patent, IP sequence, and non-patent literature databases.

The system will generate and download a zip file with a .bpd file extension containing an .xml file and image files for the corresponding report content. The BizInt output is based on the XML report schema. If the user has the latest version (5.6) of the BizInt software installed, Windows will associate the .bpd file with Smart Charts for Patents.

Combine motif results option added to CAS Biosequences module in STNext

For the Motif biosequence search type, there is a new Combine Motif Results option that is selected by default. When this option is active, the results will not have any child (derivative) queries.

CAplus and CA file coverage of claims expanded and enhanced

Over 12.6 million patent records in CA/CAplus now offer claims.The three newest authorities are:

- Japanese Patent Office – 1983 to present
- European Patent Office – 1979 to present
- Korean Patent Office – 1999 to present

We have also expanded the backfile in the other authorities we currently cover:

- US Patent and Trademark Office – 1906 to present
- WIPO – 1979 to present
- Chinese Patent Office – 1985 to present

For more information on Claims content in CAplus, type HELP CLM at an arrow prompt when in the file.

NTIS reload on STNext® resumes updating; introduces numeric property searching and SLART improvements

NTIS has now been reloaded on STN. NTIS, produced by the National Technical Information Service, U.S., is a multidisciplinary database containing records for documents covered in Government Reports Announcements & Index (GRA&I). NTIS provides access to U.S.-sponsored research and contains unique information not found in other STN databases.

With the latest version, Numeric Property Searching has been introduced. The ability to use SLART (simultaneous left and right truncation), previously available in the Basic Index, has now been extended to the new Abstract (/AB) search field, as well as to the Title (/TI).

RDISCLOSURE reload expands searching capabilities and introduces numeric property searching

RDISCLOSURE, the technical disclosure databases providing the full text of technical disclosures of nearly 50,000 inventions published as an alternative to the patent system and an important source of prior art, has been reloaded and enhanced. New features include:

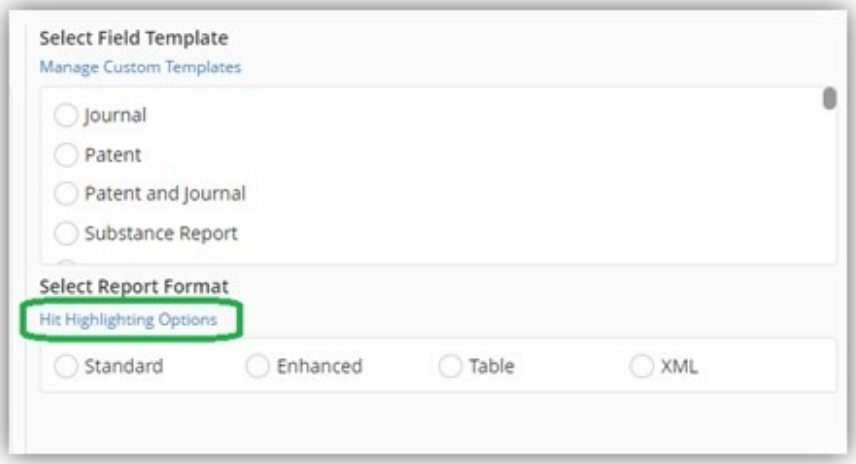
- The addition of Numeric Property Searching, for 59 physical and chemical properties
- Expanded search capabilities via the introduction of simultaneous left and right truncation (SLART) in the Text /TX field

SLART was previously available in only the Basic Index (/BI) and Title (/TI) fields.

Customize hit highlighting in STNext reports

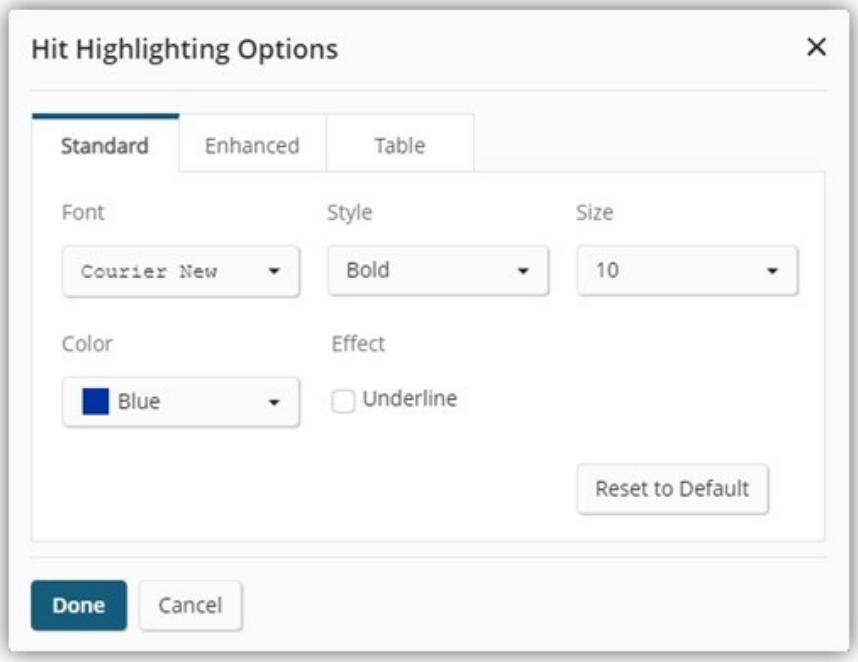
STNext users are now able to select the font, size, style, and highlighting color of hit terms for Standard, Enhanced, and Table (Excel) reports.

In the Reporting menu, clicking the Hit Highlighting Options link opens the Hit Highlighting Options window.



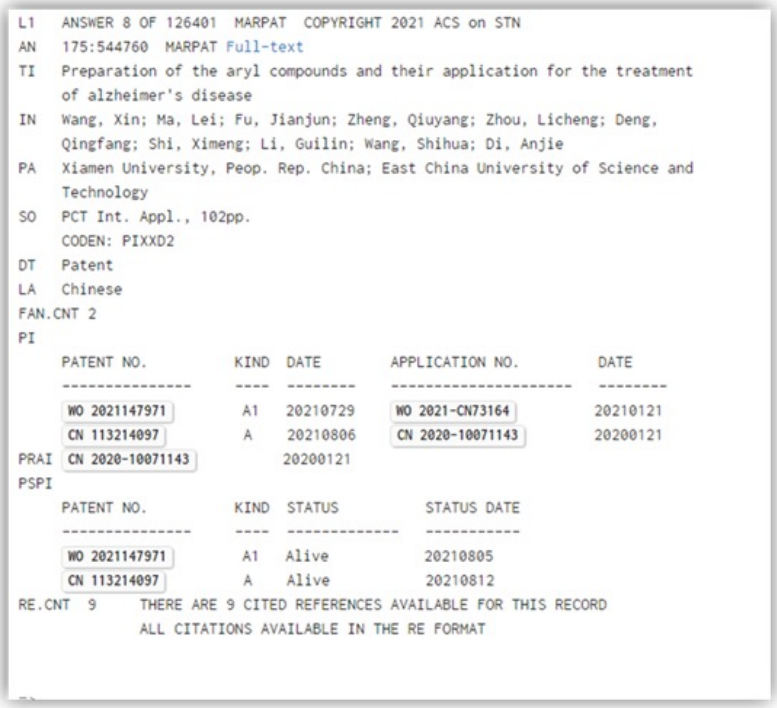
The window contains three tabs labeled Standard, Enhanced, and Table. Each tab controls the style options and selected values for the corresponding report formats. Note: There are no style options for XML reports.

When the user selects the desired style options for a report and clicks the Done button, the selected options on the active tab are saved as sticky preferences and used for future reports until changed. Each tab also contains a Reset to Default button that can be used to change the relevant tab selections back to system default values.



Patent status information now available in MARPAT®

Patent Status Indicators (STI) for patents and utility models now appear in the Patent Status Patent Information (PSPI) table in MARPAT records.



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L1   ANSWER 8 OF 126401  MARPAT  COPYRIGHT 2021 ACS on STN
AN   175:544760  MARPAT Full-text
TI   Preparation of the aryl compounds and their application for the treatment
     of alzheimer's disease
IN   Wang, Xin; Ma, Lei; Fu, Jianjun; Zheng, Qiuyang; Zhou, Licheng; Deng,
     Qingfang; Shi, Ximeng; Li, Guilin; Wang, Shihua; Di, Anjie
PA   Xiamen University, Peop. Rep. China; East China University of Science and
     Technology
SO   PCT Int. Appl., 102pp.
     CODEN: PIXXD2
DT   Patent
LA   Chinese
FAN.CNT 2
PI
     PATENT NO.          KIND  DATE        APPLICATION NO.         DATE
     ---------------     ----  --------    ---------------------   --------
     WO 2021147971        A1   20210729    WO 2021-CN73164         20210121
     CN 113214097         A    20210806    CN 2020-10071143        20200121
PRAI CN 2020-10071143          20200121
PSPI
     PATENT NO.          KIND  STATUS          STATUS DATE
     ---------------     ----  -------------   -----------
     WO 2021147971        A1   Alive           20210805
     CN 113214097         A    Alive           20210812
RE.CNT  9     THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT
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Patent Status Indicators are calculated and provided by FIZ Karlsruhe based on over 4.1K legal status codes from INPADOCDB, as well as corresponding gazette data and/or calculated expiration dates. The calculated STI identifies whether a patent is ALIVE, DEAD, TRANSITIONAL, or INDETERMINATE

- ALIVE means that the application is still under active prosecution, or that the granted patent is in force.
- DEAD means that the application is no longer being pursued, or that the rights granted to the intellectual property (IP) holder are no longer in force, due to expiry, withdrawal by the IP rights holder, permanent cancellation due to non-payment of fees past any deadlines, etc.:
  - Patents which have no source INPADOC legal status data will be deemed ALIVE unless they have reached their calculated expiration date based on the application date.
  - Patents can exist with no status due to either difference in coverage by FIZ or the data has yet to be integrated to CAplus for recently ingested patents.
- TRANSITIONAL refers to the period when the latest legal status event (such as a withdrawal or a lapse due to non-payment of fees) indicates that the patent may be on its way to becoming DEAD. If the patent is neither reinstated after a withdrawal, or the renewal fees not paid, then the patent will become DEAD six months after the initial legal event date. An event such as payment of renewal fees would return a TRANSITIONAL status to ALIVE.
- INDETERMINATE is specific to EP grants. EP grants will be INDETERMINATE until the calculated expiration date. Because there can be a large volume of legal status events involving EP grants, some of which are reflected in or duplicated by the national offices and others which are not, it is difficult to provide a meaningful Patent Status for the EP grant. It may instead be worthwhile to check the national registers of countries of interest.

Supported display formats include ALL, MAX, BIB, FBIB, SBIB, and STD (Indented formats as well such as IALL, IMAX, IBIB, ISTD, and SIBIB).

Maintain hit structure for USPATFULL/USPATOLD/USPAT2

Building on the functionality released earlier this year, STNext reports now maintain the grouping of IT, RN, CN, and STR fields in hit results from USPATFULL/USPATOLD/USPAT2 files.

In report creation, when the user displays L-number(s) with the HITSTR command, selects the Standard/Enhanced/Table formats, and selects the Journal/Patent/Patent and Journal/Substance templates, the new Hit Structure > Index Terms with Structures field appears in the report/table and in the Included Fields column when customizing.

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From new users to expert searchers, at all stages of your innovation journey, CAS has the solution to meet your scientific IP needs.

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- FIZ PatMon, efficient monitoring and global IP protection

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91% of surveyed users would recommend STNext to colleagues*.

*TechValidate, TVID: AEC-23A-065

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