

Database News

Summer 2019

Updates to World Surface Coatings Abstracts (File WSCA)

The database WSCA (World Surface Coatings Abstracts) has been updated on STN[®] to include new data from Coatings Online covering 2013-2018 that was recently made available by the database producer PRA World Ltd. In total, more than 200,000 records have been added.

WSCA provides scientific and business information on paints, coatings and related raw materials. Going forward, WSCA will be updated monthly, and alerts (SDIs) will be available.

The [Database Summary Sheet for WSCA](#) has been revised to reflect the updated information.

Derwent Markush Resource (DWPIIM) Database Enhancements

DWPIIM was launched on STNnext[®] in 2018, and we continue to make enhancements to it to enhance its value for STNnext users. DWPIIM covers chemical Markush structures from patents and is a critical resource for assessing the patentability of a substance or a class of substances (don't forget to also check MARPAT[®]!).

The following enhancements have been recently implemented in DWPIIM to increase its value and improve the efficiency of your searching:

- 1) Alerts (SDIs) are now available. They can be run monthly, weekly or with every update (twice per week).
- 2) Subset structure searching (both SSS and CSS) is now available for Markush structure searches
- 3) Batch search run time has been increased from 30 minutes to 1 hour
- 4) A Break/Cancel option for structure searches is now operational

For more information about Derwent Markush Resource, check its [Database Summary Sheet](#) or its [Reference Manual](#)

Second 2019 Update to Emtree[®] Now Available on STN

Effective May 13, 2019, the second 2019 update to Emtree, the Embase[®] thesaurus, is available on STNnext. Emtree now includes 82,970 preferred terms, and 176 drug terms and 391 non-drug terms were added with this version.

Highlights of this release are as follows:

- **Medical devices** – Emtree continues to add medical device terminology.
 - 1,245 medical device trade names have been added to Emtree with this release
 - Emtree content now totals 4,569 medical device concepts and 12,028 medical device trade names.
 - With this release, medical devices that have been approved by the FDA from 2010 to 2018 are included in Emtree, along with their trade names.
- **Enzymes** - The EC.7.- enzyme branch was added to Emtree (59 new concepts).
- **Drug terminology** –
 - New United States Adopted Names (USAN) from September 2018 thru February 2019 were incorporated.
 - Names of newly approved drugs, drugs under consideration and drug trade names as published by the FDA and EMA in the period November 2018 - February 2019 were incorporated.
 - INN (International Nonproprietary Name) drug name information was updated.
- **Taxonomic concepts** - Within Organisms, 54 new concepts were added to the taxonomy: (17 genera; 31 species, 1 subspecies and 5 higher taxa).

Please review and update your Alert (SDI) strategies or saved searches to determine whether any of the new Emtree terminology should be included, to ensure continued comprehensive retrieval.

Read the full details of this [Emtree Update](#) as well as the [Release Notes](#).

Major Coverage Enhancements for US Legal Status Information in INPADOC

The European Patent Office (EPO) has considerably enhanced the coverage of US legal status information in INPADOC and INPAFAM, especially for the US pre-grant phase. These new content additions enable users to monitor the status of US applications and see which applications have been lapsed. Also, one of the codes can be used as an early indication of patent grant.

The new legal status information is reflecting major events in the transaction history of the US PAIR platform. It is available for 8.2 million US applications back to 1980. Users can specifically search this information with 10 new legal status codes and refine the search with specific text information available for these codes. The new codes have been assigned to the STN legal status categories.

The main US coverage enhancements include the following pre-grant and grant events:

- application lapsed (USSTCB)
- application restored (USSTCC)
- prosecution suspended (USSTCT)
- notice of allowance (USSTPP)
- issue fee payment (USSTPP)
- appeal procedure (USSTCV)
- patent grant (USSTCF)

Status changes of applications in the examination phase are searchable with the code USSTPP. Cru-

cial events shortly before patenting like “Notice of Allowance Mailed - Application Received in Office of Publications”, “Publications - Issue Fee Payment Received” and “Publications - Issue Fee Payment Verified”, all indexed in the USSTPP-code, can be searched in the /LSFT-field.

The new codes are available in /LSC (Legal Status Code). All ten codes are assigned to one of the legal status categories in the /LSC2 search field. The more than 80 original USPTO’s status values are searchable as free text in the /LSFT (Legal Status Free Format Text) field. The EPO mapped these 80 status values onto the new generic codes. This mapping will be reviewed on a regular basis.

Legal status code (/LSC)	Description in Legal Status text (/LSTX)	/LSC2-Category
USSTCA	Information on status: Application Filing	-
USSTCB	Information on status: Application Discontinuation	NIF
USSTCC	Information on status: Application Revival	REI
USSTCE	Information on status: Pre-grant Review	EXA
USSTCF	Information on status: Patent Grant	-
USSTCH	Information on status: Patent Discontinuation	NIF
USSTCK	Information on status: Patent Revival	REI
USSTCT	Information on status: Administrative Procedure Adjustment	-
USSTCV	Information on status: Appeal Procedure	ORE
USSTPP	Information on status: Patent Application and granting procedure in general	-

Examples

Early Indication of Grant

```
=>S USSTPP/LSC (L) (NOTICE OF ALLOWANCE OR ISSUE FEE PAYMENT)/LSFT (L) 20190606/UPLS
L1      9172 USSTPP/LSC (L) (NOTICE OF ALLOWANCE OR ISSUE FEE PAYMENT)/LSFT (L) 20190606/UPLS
=>D PN AP LS
PI      US 20130013629      A1 20130110
PI      US 10303807        B2 20190528
AI      US 2012-13616943   A  20120914
LEGAL STATUS
AN      71509382 INPADOCDB
20190305 USSTPP  INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL
                AWAITING TC RESP., ISSUE FEE NOT PAID
                .....20190530
20190327 USSTPP  INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL
                NOTICE OF ALLOWANCE MAILED -- APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS
                .....20190530
20190411 USSTPP  INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL
                PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
                .....20190606
```

Legal Status Information on Grant

```
=> S USSTCF/LSC (L) UPLS=20190606
L1      12935 USSTCF/LSC (L) UPLS=20190606
=>D PN AP LS
PI      US 20170097594      A1 20170406
AI      US 2016-15383460   A  20161219
LEGAL STATUS
```

20190311 USSTPP INFORMATION ON STATUS: PATENT APPLICATION AND GRANTING PROCEDURE IN GENERAL
 PUBLICATIONS -- ISSUE FEE PAYMENT VERIFIED
20190523

20190403 USSTCF INFORMATION ON STATUS: PATENT GRANT
 PATENTED CASE
20190606

For more details including the complete map of the ten new generic legal status codes against the 80 original values from the USPTO as well as the EPO's description, [click here](#).

PatentPak® Coverage Expands to Include 14 Additional Patent Authorities

PatentPak is an integrated workflow solution designed to radically reduce time spent acquiring and searching through full-text patents to find vital chemistry insights. PatentPak now connects you to over 17 million searchable, full-text patents covered in CPlusSM.

The number of authorities PatentPak covers has just increased from 32 to 46, with the addition of the following:



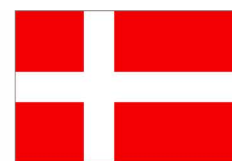
Argentina – AR



Bulgaria – BG



Czech Republic – CZ



Denmark – DK



Finland – FI



Hungary – HU



Israel – IL



Italy – IT



Malaysia – MY



Moldova – MD



Netherlands – NL



Philippines – PH



Poland – PL



South Africa – ZA

Coverage for these new authorities is for basic patents, back to 2016. Organic chemistry patents are now complete for these authorities, and biological and agricultural patents are underway.

For more information on PatentPak in STN, [click here](#).

Web Address Change for New STN

Effective July 1, 2019, the URL for New STN will change from www.stn.org to nsth.stn.org. You can continue to use your existing login ID and password to sign in to New STN.

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)*

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 www.stn.org and see for yourself.

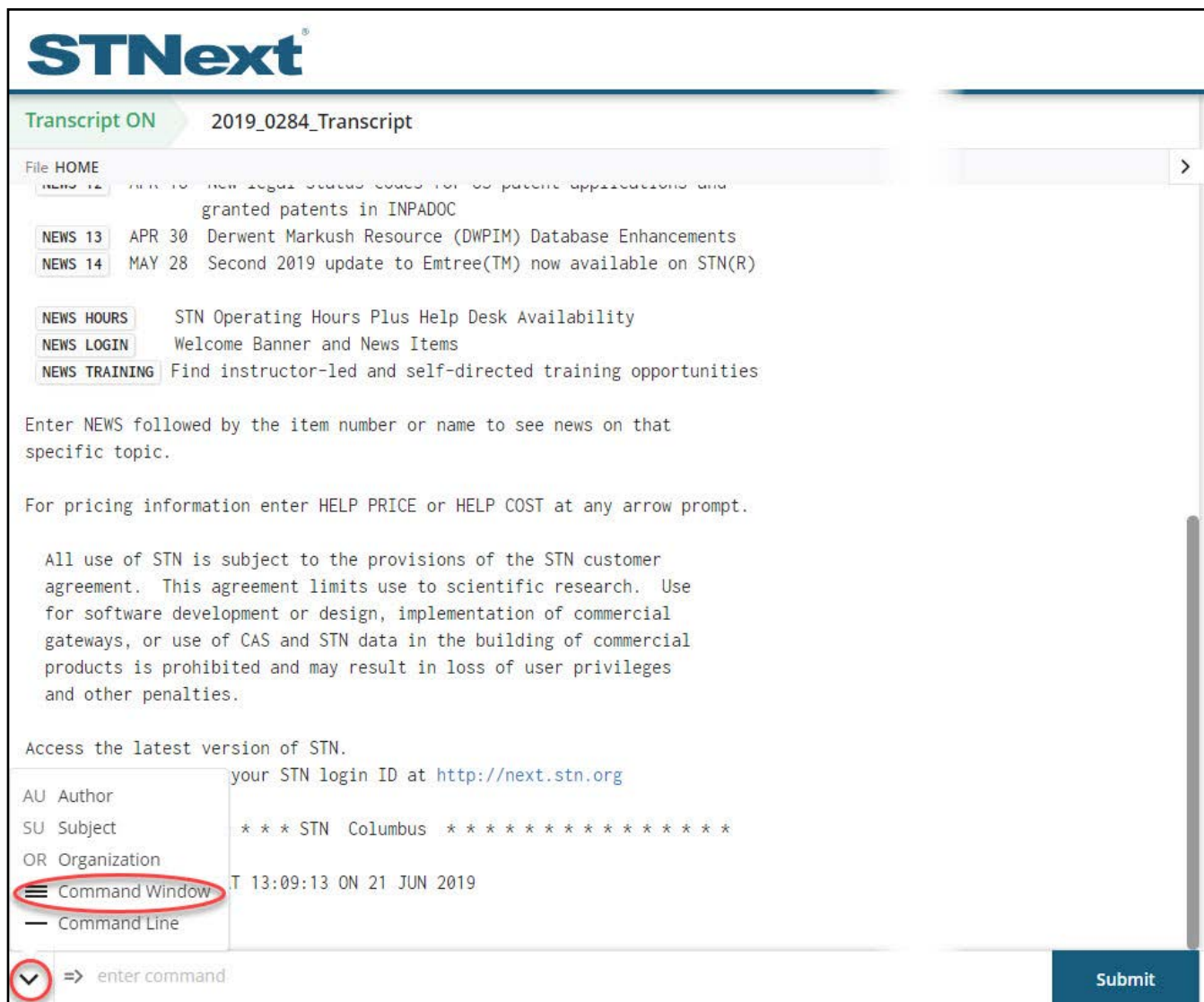
**Separate license required for access*

From the CAS Customer Center

Q. Can I enter multiple commands and run them all at once in STNext?

A. Yes. STNext has a Command Window option that allows you to enter multiple commands, upload and run scripts, preview commands, and save your list of commands as a Script file.

1. Select **Command Window** from the **Command Prompt** drop-down menu.



The screenshot shows the STNext web interface. At the top left is the STNext logo. Below it, there's a header area with "Transcript ON" and "2019_0284_Transcript". A navigation bar includes "File HOME" and a right arrow. The main content area displays a list of news items:

- NEWS 12: link to new legal status codes for US patent applications and granted patents in INPADOC
- NEWS 13: APR 30 Derwent Markush Resource (DWPIM) Database Enhancements
- NEWS 14: MAY 28 Second 2019 update to Emtree(TM) now available on STN(R)

Below the news items are links for "NEWS HOURS" (STN Operating Hours Plus Help Desk Availability), "NEWS LOGIN" (Welcome Banner and News Items), and "NEWS TRAINING" (Find instructor-led and self-directed training opportunities). There are instructions: "Enter NEWS followed by the item number or name to see news on that specific topic." and "For pricing information enter HELP PRICE or HELP COST at any arrow prompt." A disclaimer follows: "All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties." Below that, it says "Access the latest version of STN." and "your STN login ID at <http://next.stn.org>".

A dropdown menu is open, showing options: "AU Author", "SU Subject", "OR Organization", "Command Window" (highlighted with a red circle), and "Command Line". The text "T 13:09:13 ON 21 JUN 2019" is visible in the background. At the bottom left, there's a "v" icon and "=> enter command". At the bottom right, there's a "Submit" button.

2. Keep the **Lock** button from the right toolbar of the Command Window in the locked position. In locked mode, you can type a series of commands and edit them without sending them to the session window.

3. To send the commands in the Command Window to STNext, use the buttons from the right toolbar. You can send one (1) command line or multiple (All) command lines.

■ Clicking the **Send All Lines** button will send the highlighted line and any lines **below** that line to the session window.

File HOME

- NEWS 12 APR 28 New legal status codes for 35 patent applications and granted patents in INPADOC
- NEWS 13 APR 30 Derwent Markush Resource (DWPIM) Database Enhancements
- NEWS 14 MAY 28 Second 2019 update to Emtree(TM) now available on STN(R)
- NEWS HOURS STN Operating Hours Plus Help Desk Availability
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For pricing information enter HELP PRICE or HELP COST at any arrow prompt.

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```
1 file cap
2 s snail and j/dt
3 s l1 and uses/rl
4 s l2 and mitochondrial dna
```

- 1
- All
- 🔒
- 📄
- 📄
- Clear



- Clicking the **Send One Line** button will send only the currently highlighted line to the session window.

Transcript ON

2019_0285_Transcript

File HOME

- NEWS 12 NEW legal status codes for 35 patent applications and granted patents in INPADOC
- NEWS 13 APR 30 Derwent Markush Resource (DWPIM) Database Enhancements
- NEWS 14 MAY 28 Second 2019 update to Emtree(TM) now available on STN(R)

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```
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```

A vertical toolbar on the right side of the command window. From top to bottom, it contains: a left-pointing arrow with the number '1' above it; a right-pointing arrow; a red padlock icon; a square icon with a right-pointing arrow; a document icon; and the text 'Clear'.

Submit

Once you have entered and executed all of the commands, STNnext gives you the option to save your command list as a Script file.

1. Click the **Save** button located on the right toolbar in the Command Window.

File CAPLUS

```
14818588 USES/RL
L2      3146 L1 AND USES/RL
=> s l2 and mitochondrial dna

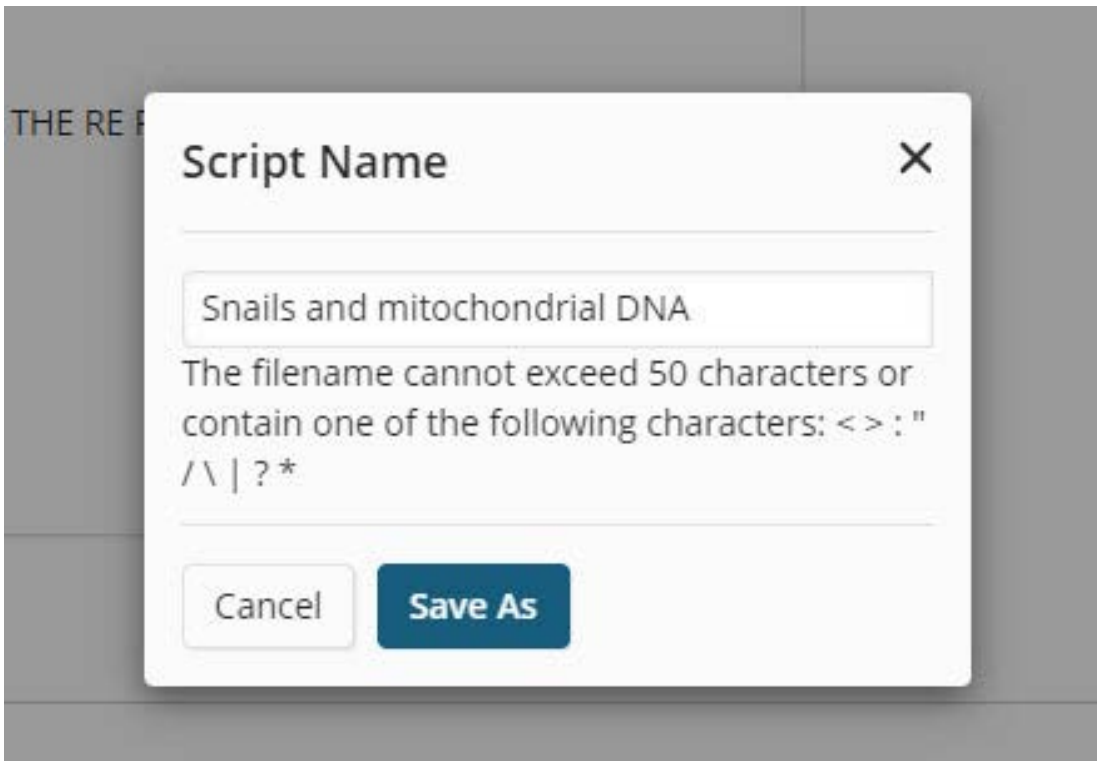
262681 MITOCHONDRIAL
      6 MITOCHONDRIALS
262684 MITOCHONDRIAL
      (MITOCHONDRIAL OR MITOCHONDRIALS)
1671881 DNA
      27406 DNAS
1676349 DNA
      (DNA OR DNAS)
47558 MITOCHONDRIAL DNA
      (MITOCHONDRIAL(W)DNA)
L3      23 L2 AND MITOCHONDRIAL DNA
=>
```

```
1 file cap
2 s snail and j/dt
3 s l1 and uses/rl
4 s l2 and mitochondrial dna
5 d l3 1-5 bib abs
```

↑
↕
🔒
📄
Clear

Submit

2. In the **Script Name** window, enter a file name and then click the **Save As** button. The script file is saved to **My Files > Scripts**.



Anytime you wish to return to the **Command Line**, simply select it from the **Command Prompt** drop-down menu.

Help Improve CAS Products

CAS is always looking for ways to improve our products and services, and we invite you to help! [Complete a quick survey](#) to sign up.

Save The Dates - Conferences

PIUG 2019 Northeast Conference

“Navigating Patent Information in a Flat World”

Sept 23-25, 2019

Iselin, NJ

[PIUG NE Information](#)

STN Patent Forum

@PIUG NE

Sept 23, 2019

[Register Now](#)

ACS National Meeting

August 25-29, 2019

San Diego, CA

[Information](#)



**Contact your CAS representative to discuss
your organization's training needs.**