

# STN<sup>®</sup>

## STN<sup>®</sup> Viewer<sup>™</sup> Tutorial 4

Evaluating Records: Using filter and sort options in STN Viewer

## Agenda

- Using Filtering to refine your document set
- Sorting options
- CPlus patent family information
- INPADOCDB patent family information

**STN**

CAS is a division of the American Chemical Society

2

## Using the **STN Viewer** involves 5 easy steps

- Step 1. Use STN Express to select the records to be evaluated from STN patent files
- Step 2. Set up projects in the STN Viewer and move desired records to a project from the Patent Queue
- Step 3. Arrange, highlight, and annotate the records as needed in the project
- Step 4. Conduct in-depth evaluation of the full-text of patent records
- Step 5. Share evaluated results with your client

**STN**

CAS is a division of the American Chemical Society

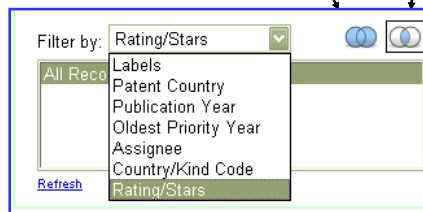
3

## Seven filtering options are available to users

- Filtering options include:

- Labels
- Patent country
- Publication year
- Oldest priority year
- Assignee
- Country/Kind code
- Rating/Stars

Apply the "AND" or "OR" buttons to limit or expand your filters.



**STN**

CAS is a division of the American Chemical Society

4

The number of documents available for the chosen field are listed in parentheses



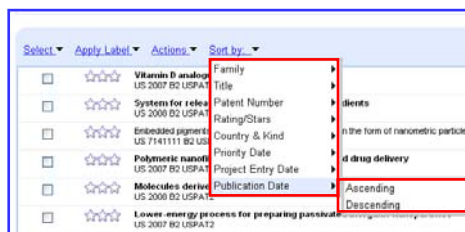
CAS is a division of the American Chemical Society

5

Eight sort options are available to help users sort their list of patent documents

- Sort options available in ascending or descending order:

- Family
- Title
- Patent Number
- Rating/Stars
- Country & Kind Code
- Priority Date
- Project Entry Date
- Publication Date



CAS is a division of the American Chemical Society

6

## Patents are sorted in either ascending or descending order

The screenshot shows the STN Viewer interface with a list of patents for 'Nano? (S) Cosmet?'. The 'Sort by' dropdown is set to 'Priority Date' and is sorted in descending order. A callout box states: 'Granted US patents are sorted from newest to oldest.'

**STN**

CAS is a division of the American Chemical Society

7

## Patent Kind Codes are listed to indicate type of patent document

The screenshot shows the STN Viewer interface with a list of patents. A red box highlights the patent kind codes for 'ORGANIC NANOPARTICLES AND METHOD OF PREPARATION THEREOF', which are B2, A1, and A2.

- US Patent Kind Codes
  - B2: Granted Patent (with pre-grant publication; issued on or after Jan. 2, 2001)
- WIPO Patent Kind Codes
  - A1: PCT International Application (with search report)
- Definitions for all kind codes are available for any country having information in STN at:

<http://www.cas.org/expertise/cascontent/caplus/patcoverage/patkind.html>

**STN**

CAS is a division of the American Chemical Society

8

## Patent family information is located under the Display Related Content tab

STN Viewer

Project List

Patent Queue (0)

Add Project

Benzodiazepine Project

Project 1 (0/4)

Green Chemistry

Process (B2)

Name? (5) Comment?

(0/1)

Shared Projects (5)

Trash (4)

US 660941 B2 USPAT2

cc Back to Home? (0) Comment? Apply Label Actions Display Related Content View Original

82 CAPLUS Family INPADOCDB Family

AN 2001243090 EPBATE

TI Delivering lipophilic substances into cells using **nanoparticles**

IN Drexler, Fred, Doretzinger, SWITZERLAND

IN Bucer, Franz, Doertzen, SWITZERLAND

FI US 658941 B2 20030506

FI 2001-096239 B2 20030629 (P)

FI1 Variation of Ser. No. US 1999-242516, filed on 4 Mar 1999, now patented, Pat. No. US 628180

CH 1-000-740 19990330

PT 01/000-740

EP US 6152823 Oct 1992 252/312,000 Wedes et al.

DE 3372823 Sep 1994 437/804,000 Jahnke et al.

US 6459373 Aug 1997 424/401,000 Paines et al.

ECOR Priority Examiner: Wolf, David W.

LEF Tacelli, Rudolph, Corvelli & Tommaso, L.L.P.

CRM Number of Claims: 2

ECL Exemplary Claim: 1

DSDB 4 Drawing Page(s): 2 Drawing Page(s)

AB **Nanoparticles** are prepared containing **lipids** droplets of a diameter of less than 100 nm in an aqueous phase. The **lipids** droplets contain a lipophilic substance, and have on their **surface** an amphiphilic molecule in an amount of preferably 0.65 to 0.78 parts by weight amphiphilic molecule for one part by weight of **lipid** component forming the droplets. The **lipid** component of the droplets is preferably a **lipid** containing ester and/or an ionic salt. The **nanoparticles**, which may be sterile, are used for delivering into cells the lipophilic substance contained by the **lipid** droplets. This delivery can be used to biotransform the lipophilic substance, generate cell differentiation, growth or proliferation of a desired substance, or to test for toxicity of the lipophilic substance.

PARF This application is a division of application Ser. No. 09/262,516, filed Mar. 4, 1999, now U.S. Pat. No. 6,265,180.

INCL INCL: 437/244,000

STN

CAS is a division of the American Chemical Society

9

## CPlus patent family information includes hyperlinks to full text equivalents

STN Viewer

Project List

Patent Queue (0)

Add Project

Benzodiazepine Project

Project 1 (0/4)

Green Chemistry

Process (B2)

Name? (5) Comment?

(0/1)

Shared Projects (5)

Trash (4)

US 660941 B2 USPAT2

cc Back to Home? (0) Comment? Apply Label Actions Display Related Content View Original

82 CAPLUS Family INPADOCDB Family

CAPLUS COPYRIGHT 2008 ACS on STN

AN 19991708493 CAPLUS

DD 131307943

FAM-CHF

PATENT NO. KIND DATE

FI EP 0532622 A1 19991103 [DS](#)

FI AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, SI, NL, SE, RC, PT, IE, SI, SK, LV, PL, NO, CY

EP 0532622 B1 20070905

AT 372177 T 20070915

DE 1626130 B1 20070714

CA 2264441 A3 19990930

CA 2264441 C 20040617

JP 11310434 A 19991114

DE 1000112748 A1 20050919

DE 1532621 B2 20050504

STN

CAS is a division of the American Chemical Society

10

## INPADOCDB also shows the legal status of all patents in the patent family

The screenshot shows the STN Viewer interface with a patent family list. A callout box points to the 'LEGAL STATUS' field for patent 19991103 EPAX, which contains a red square icon representing a hyperlink. The callout text reads: 'The legal status (LS) hyperlink gives users the option of displaying legal status for a patent.'

Patent No.	Legal Status
EP 052632	A1 19991103
EP 052632	B1 20070905
19991103 EPAX	* DESIGNATED CONTRACTING STATES:
19991103 EPAX	EP
19991103 EPAX	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
19991103 EPAX	* EXTENSION OF THE EUROPEAN PATENT TO
19991103 EPAX	AL/LT/LV/RG/RO/RS
19991103 EPAX	* REQUEST FOR EXAMINATION FILED
19991103 EPAX	19991116
19991103 EPAX	EZA Examination, Search Report
19991103 EPAX	* PAYMENT OF DESIGNATION FEES
19991103 EPAX	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
19991103 EPAX	* FIRST EXAMINATION REPORT
19991103 EPAX	20000916
19991103 EPAX	EZA Examination, Search Report
19991103 EPAX	200042
19991103 EPAX	* DESIGNATED CONTRACTING STATES:
19991103 EPAX	EP
19991103 EPAX	AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
19991103 EPAX	* REFERENCE TO A NATIONAL CODE
19991103 EPAX	DE 20070906
19991103 EPAX	* CH: EUROPEAN PATENT GRANTED
19991103 EPAX	NOT ENGLISH
19991103 EPAX	200770914
19991103 EPAX	* REFERENCE TO A NATIONAL CODE
19991103 EPAX	DE 200770914
19991103 EPAX	* CH: ENTRY IN THE NATIONAL PHASE
19991103 EPAX	2007941
19991103 EPAX	* REFERENCE TO A NATIONAL CODE
19991103 EPAX	DE 2007941
19991103 EPAX	* CH: NEW AGENT
19991103 EPAX	20071031
19991103 EPAX	POTTRANN, IRRESERRANN - PARTNER AG
19991103 EPAX	20071031
19991103 EPAX	* REFERENCE TO A NATIONAL CODE
19991103 EPAX	DE 20071031
19991103 EPAX	* CORRESPOND TO:
19991103 EPAX	DE 20071031
19991103 EPAX	200742
19991103 EPAX	* REFERENCE TO A NATIONAL CODE
19991103 EPAX	DE 200742
19991103 EPAX	* IE: EUROPEAN PATENTS GRANTED DESIGNATING IRELAND
19991103 EPAX	LANGUAGE OF EP DOCUMENT: GERMAN
19991103 EPAX	200744



CAS is a division of the American Chemical Society

11

See additional tutorials for more information

For more information on how to use STN Viewer, please view the following tutorials:

- Managing Projects: creating and managing a project in STN Viewer
- Working with Records: highlighting and annotating records in STN Viewer
- Sharing Results: delivering shared projects and user IDs



CAS is a division of the American Chemical Society

12