

WSCA (World Surface Coatings Abstracts)

- Subject Coverage**
- Pigments
 - Solvents
 - Additives
 - Polymers and Resins
 - Natural and Synthetic Rubber
 - Paints, Varnishes and Lacquers
 - Adhesives
 - Inks
 - Manufacturing
 - Pretreatment, Application and Paint Removal
 - Paints for Specific Uses
 - Radiation Curing
 - Optical, Rheological and other Properties
 - Colour
 - Analysis
 - Hazards, Pollution and Legislation
 - Transport
 - Corrosion and Fouling
 - Statistics and Company Profiles
-

File Type Bibliographic

Features

| | | | | | |
|----------------------------------|-------------------------------------|-----------------------|-------------------------------------|--------------------------|-------------------------------------|
| Alerts (SDIs) | Monthly | | | | |
| CAS Registry Numbers® | <input type="checkbox"/> | Page Images | <input type="checkbox"/> | STN AnaVist | <input type="checkbox"/> |
| Keep & Share | <input checked="" type="checkbox"/> | SLART | <input checked="" type="checkbox"/> | STN Easy | <input checked="" type="checkbox"/> |
| Learning Database | <input type="checkbox"/> | Structures | <input type="checkbox"/> | STN Viewer | <input type="checkbox"/> |

Record Content Bibliographic Information, in-depth indexing, and abstracts

File Size 325,543 records (7/11)

Coverage 1976-present

Updates Monthly with about 800 records

Language English

Database Producer

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Sources

- Journals
 - Patents
 - Conference contributions
 - Reports
 - Legislation and Standards
 - Books
 - Dissertations
-

User Aids

- Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
-

Clusters

- ALLBIB
 - AUTHORS
 - BUSINESS
 - CHEMENG
 - CHEMISTRY
 - COMPANIES
 - CORPSOURCE
 - ENGINEERING
 - MATERIALS
 - POLYMERS
- [STN Database Clusters](#) information (PDF).
-

Pricing

See the [STN Price List](#) or enter HELP COST at an arrow prompt.

Search and Display Field Codes

Fields that allow left truncation are indicated by an asterisk (*).

General Search Fields

| Search Field Name | Search Code | Search Examples | Display Codes |
|---|-------------------|---|------------------------------------|
| Basic Index* (contains single words from title (TI), abstract (AB), index term (IT), supplementary term (ST), chemical name (CN), geographic term (GT), trade name (TN) and corporate name (CO) fields) | None or /BI | S AQUEOUS RESIN DISPERSION S POWDER COATING#(L)MEDIC? S DOW CHEMICAL S DOWANOL PNP S ?FLUOROCARBON? | TI, AB, IT,ST, CN, GT,TN, CO |
| Accession Number | /AN | S 407021/AN | AN |
| Author | /AU | S QUINTEN M/AU | AU |
| Chemical Name* (incl. trade names) | /CN | S PHOSPHONYL CHLORIDE/CN S ?THIAZ?/CN | CN, TN |
| Classification Code (code and text) (1) | /CC | S 71/CC S TESTING METHODS/CC | CC |
| Controlled Term | /CT | S LIGHT SCATTERING/CT | CT |
| Corporate Name (1) | /CO | S DOW CHEMICAL/CO | CO |
| Document Number | /DN | S 95-07021/DN | DN |
| Document Type (code and text) | /DT | S P/DT | DT |
| Entry Date (2) | (or /TC) /ED | S PATENT/DT S ED>=JAN 2003 | not displayed |
| Geographic Term | (or /UP) /GT | S WESTERN AUSTRALIA/GT | GT |
| Index Term (incl. controlled terms) | /IT | S HYDROXYLATED COMPOUNDS/IT | IT |
| Journal Title | /JT | S COLLOID POLYM?/JT | SO, JT |
| Language (ISO code and text) | /LA | S L7 AND EN/LA S ENGLISH/LA | LA |
| Patent Assignee (1) | /PA (or /CS) | S ARMCO INC/PA | PA |
| Patent Country (WIPO code and text) | /PC | S GB/PC S UNITED KINGDOM/PC | |
| Patent Number (3) | /PN | S US5326594/PN | PI |
| Publication Year (2,4) | /PY | S 1992-1994/PY | PI |
| Source | /SO | S AM? PAINT J?/SO S 1990/SO AND JP/PC | SO, PY |
| Supplementary Term | /ST | S METAL SUBSTRATE/ST | ST |
| Title | /TI | S MINERAL SANDS/TI | TI |
| Trade Name | /TN | S TIN 770/TN | TN |
| Year/Issue (printed WSCA) (2) | /YI | S 9509/YI | not displayed |

(1) Search with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched using numeric operators or ranges.

(3) Numbers are searchable in Derwent and STN format.

(4) Publication years of patents (P/DT) are searchable in the alphanumeric field /SO only.

WSCA**DISPLAY and PRINT Formats**

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, e.g., D L1 1-5 TI CS. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

| Format | Content | Examples |
|---|--|--|
| AB AN AU CC CN CO CT (1) DN DT (TC) GT IT JT (1) LA PA (CS) PI (PN) (2) PY (1,3) SO ST TI TN | Abstract Accession Number Author Classification Code Chemical Name Corporate Name Controlled Term Document Number Document Type Geographic Term Index Term (incl. controlled terms) Journal Title Language Patent Assignee Patent Information Publication Year Source Supplementary Term Title Trade Name | D TI AB D 1-5 AN D AU TI D CC D CN D CO D CT D DN D DT D GT D IT D JT D LA D PA D PI D PY D SO D ST D TI D TN |
| ABS ALL (2) DALL (2) IALL BIB (STD) (2) CBIB (2) IBIB (ISTD) (2) IND SCAN TRIAL (TRI, SAMPLE, FREE) | AN, AB AN, DN, TI, AU, PA, SO, PI, DT, LA, AB, CC, IT, ST, CO, GT, CN, TN ALL, delimited for post processing ALL, indented with text labels AN, DN, TI, AU, PA, SO, PI, DT, LA (default) compressed BIB BIB, indented with text labels AN, CC, IT, ST, GT TI, IT (random display, no answer numbers) TI, IT | D ABS D 1-3 ALL D DALL D IALL D 8 BIB D CBIB D IBIB D IND D SCAN D TRIAL |
| HIT KWIC OCC | Hit term(s) and field(s) Up to 50 words before and after hit term(s) (KeyWord-In-Context) Number of occurrences of hit term(s) and field(s) in which they occur | D HIT D KWIC D OCC |

(1) Custom display only.

(2) By default, patent numbers, application and priority numbers are displayed in STN Format. To display them in Derwent format, enter SET PATENT DERWENT at an arrow prompt. To reset display to STN format, enter SET PATENT STN.

(3) Publication years of patents (P/DT) are displayed in field SO only.

SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

| Field Name | Field Code | ANALYZE/ SELECT (1) | SORT |
|---------------------|------------|------------------------|------|
| Abstract | AB | Y (2) | N |
| Accession Number | AN | Y | N |
| Author | AU | Y | Y |
| Chemical Name | CN | Y | Y |
| Classification Code | CC | Y | Y |
| Controlled Term | CT | Y | N |
| Corporate Name | CO | Y | Y |
| Document Number | DN | Y | N |
| Document Type | DT (TC) | Y | Y |
| Geographic Term | GT | Y | Y |
| Index Term | IT | Y | N |
| Journal Title | JT | Y | Y |
| Language | LA | Y | Y |
| Patent Assignee | PA (CS) | Y | Y |
| Patent Number | PN (PI) | Y | Y |
| Publication Year | PY | Y | Y |
| Supplementary Term | ST | Y | N |
| Title | TI | Y (default) | Y |
| Trade Name | TN | Y | Y |

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT TI.

(2) Appends /BI to the terms created by SELECT.

Sample Records

DISPLAY ALL

```
AN 667420 WSCA DN 08-07420
TI REACH (registration, evaluation, authorisation and restriction of
chemical substances): consequences for the furniture industry.
AU ROUX M-L
SO Proc. PRA 6th International Woodcoatings Congress, 'Preserve, Protect,
Prolong', Amsterdam 2008, Paper 3, 9 pp.
DT Conference
LA English
AB The impact of the REACH (registration, evaluation, authorisation and
restriction of chemical substances) on the coatings used by the furniture
industry is explained from the perspective of a French institute. An
explanation of REACH regulations is presented. Substances with high
concern are those which are carcinogenic, mutagenic or toxic. Persistent,
bioaccumulative and toxic substances are also of concern. The steps that
the furniture industry should take in order for the coatings to be
accepted under REACH regulations, are outlined.
CC 87 Legislation and Other Official Publications
IT Chemicals: registration/evaluation etc, European Union,
requirements/furniture; Furniture: chemicals, European Union regulations
&, impact/measures
ST HPL; carcinogenicity; mutagenicity; toxicity; European Union regulation;
European Community regulation; measures
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WSCA

GT Europe

DISPLAY ALL OF PATENT

AN 562891 WSCA DN 03-02891

TI Vacuum deposition of cationic polymer systems.

PA SIGMA TECHNOLOGIES INTERNATIONAL INC

SO United States Patent Off. Gaz. 2002, Vol 1263 No 4.

PI US 6468595

DT Patent

LA English

AB A process for forming a solid polymeric structure from flash-evaporated, vacuum-deposited, cationically-curable monomeric material is disclosed. The process comprises preparing a mixture of a cationically-curable monomer with a thermally-stable cationic photoinitiator chemically-inactive at room temperature, flash-evaporating the mixture in vacuum to produce a vapour, condensing the vapour to produce a film, and exposing the film to a radiation source to produce a polymeric solid film.

CC 80 Radiation Curing

IT Vapours: deposition from, then polymerisation; Radiation: polymerisation by, after deposition from vapours

ST APP; evaporation; vacuum deposition

In North America

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