

CEABA-VTB

(Chemical Engineering And Biotechnology Abstracts – Verfahrenstechnische Berichte)

- Subject Coverage**
- Bioprocess engineering and process development
 - Chemical and process engineering
 - Economics and management
 - Environmental protection and safety
 - Equipment and plant
 - Fermentation, enzymology and biotransformation
 - Information technology
 - Materials technology and testing, corrosion
 - Mathematical methods and modelling
 - Measurement and process control
 - Production processes and process development
 - Utilities and services

File Type Bibliographic

Features

| | | | | |
|--|-------------------------------------|-----------------------|-------------------------------------|---|
| Thesaurus | None | | | |
| Alerts (SDIs) | Monthly | | | |
| CAS Registry Number® Identifiers | <input checked="" 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"/> | |

Record Content

- Bibliographic information, indexing, and abstracts
- Most abstracts are in English, some in German
- Controlled terms and classifications are available in both English and German

File Size More than 1.02 million records (5/2017)

Coverage 1966-present

Updates Monthly

Language English, German

Database Producer

WTI Frankfurt eG
 Ferdinand-Happ-Straße 32
 60314 Frankfurt am Main
 Germany
 Phone: +49 69 4308-111
 Fax: +49 69 4308-200
 Email: kontakt@wti-frankfurt.de
 Copyright Holder

Database Supplier FIZ Karlsruhe
STN Europe
P.O. Box 2465
76012 Karlsruhe
Germany
Phone: +49-7247-808-555
Fax: +49-7247-808-259
Email: helpdesk@fiz-karlsruhe.de

- Sources**
- Journals
 - Books
 - Conference contributions
 - Reports
 - Dissertations
 - Other non-conventional literature
-

- User Aids**
- Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
 - DECHEMA classification schemes
<http://www.stn-international.de/cc-de.html>
<http://www.stn-international.de/cc-en.html>
-

- Clusters**
- ALLBIB
 - AUTHORS
 - BIOSCIENCE
 - CASRNS
 - CHEMENG
 - CHEMISTRY
 - CORPSOURCE
 - ENGINEERING
 - ENVIRONMENT
 - MATERIALS
 - SAFETY
- [STN Database Clusters](#) information (PDF).
-

Pricing 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 the title (TI), abstract (AB, ABDE), controlled term (CT), controlled term in German (CTDE), and supplementary term (ST) fields, as well as CAS Registry Numbers (RN)) | None or /BI | S FLOW PATTERNS AND SPRAY DRYING S ALGORITHMI? S BIOREATOR? S KOLONN?(L)FLUTPUNKT S 100-01-6 | TI, AB, ABDE, CT, CTDE, ST, RN |
| Accession Number | /AN | S "2000(00):0057"/AN | AN |
| Author (patent inventor) | /AU | S BABENKO, E M/AU | AU |
| Classification Code (code and text) (1) | /CC (or /CCEN) | S 3UM/CC S ENVIRONMENTAL POLLUTION/CC | CC |
| Classification Code in German (code and text) (1) | /CCDE | S 3U/CCDE S UMWELTSCHADSTOFFE/CCDE | CCDE |
| Controlled Term | /CT (or /CTEN) | S PACKAGING MATERIAL/CT | CT |
| Controlled Term in German | /CTDE | S BENZIN/CTDE | CTDE |
| Controlled Word (contains English and German) | /CW | S COMPUTER PROGRAM/CW S MARKTANALYSE/CW | CT, CTDE |
| Corporate Source (affiliation, patent assignee) (1) | /CS | S (CHEM?(L)HUELS)/CS S BASF, LUDWIGSHAFEN?/CS | CS, AU |
| Document Number | /DN | S CEABA: 1970:7000001/DN | DN |
| Document Type (code and text) | /DT (or /TC) | S B/DT S CONFERENCE/DT AND DE/LA | DT |
| Entry Date (2) | /ED (or /UP) | S L10 AND ED=30 OCT 2000 | ED |
| Field Availability | /FA | S ABDE/FA | not displayed |
| File Segment | /FS | S B/FS | FS |
| International Standard (Document) Number (contains CODEN, ISSN and ISBN) | /ISN | S CITEAH/ISN S 0009-286X/ISN S 1-55899-265-0/ISN | ISN, SO |
| Journal Title | /JT | S CHEM ING TECH/JT | JT, SO |
| Language (code and text) | /LA | S (EN OR FR)/LA S GERMAN/LA | LA |
| Number of Report (number and prefix) | /NR | S BMFT-FB-T-82-100/NR S BMFT/NR | NR |
| Publication Year (2) | /PY | S 2004/PY S 2004-2005/PY | PY, SO |
| Source (contains CODEN, journal title and other higher level titles, CODEN, ISBN, ISSN, publisher, meeting information) | /SO | S (CHEM(L)ING(L)TECH)/SO S DECHEMA MONO?/SO S SPRINGER VERLAG/SO S (BERLIN AND VDI)/SO S WSKRAT/SO | SO |
| Supplementary Term | /ST | S WASTE TREATMENT/ST S (BIOL?(S)PROZ?)/ST | ST |
| Title | /TI | S TURMPACKUNG?/TI S TOWER PACK?/TI | TI |
| Word Count, Title (2) | /WC.T | S 10/WC.T | WC.T |

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

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

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 AU. 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 ABDE AN AU CC (CCEN) CCDE CS CT (CTEN) CTDE DN (1) DT (TC) ED (UP) (1) FS ISN (1) JT (1) JTA (1) JTF (1) LA NR PY (1) RN SO ST TI WC.T (1) | Abstract Abstract in German Accession Number Author (patent inventor) Classification Code Classification Code in German Corporate Source (patent assignee) (format includes AU) Controlled Term Controlled Term in German Document Number Document Type Entry Date File Segment International Standard (Document) Number Journal Title Journal Title, Abbreviated Journal Title, Full Language Number of Report Publication Year CAS Registry Number Source Supplementary Term Title of Project Word Count, Title | D TI AB D ABDE D 1-5 AN D AU TI D CC CT D CCDE D CS D CT CC D CTDE D DN D DT LA D ED D FS D ISN D JT D JTA D JTF D LA D NR D PY D RN 1-3 D L5 SO D ST D TI 1-10 |
| ABS ALL ALLDE BIB DALL IALL IBIB IND SCAN (2) TRIAL (TRI, SAMPLE, SAM) | AN, FS, AB, ABDE AN, FS, DN, TI, AU, CS, NR, SO, DT, LA, AB, ABDE, CC, CT, ST, RN AN, FS, DN, TI, AU, CS, NR, SO, DT, LA, AB, ABDE, CCDE, CTDE, ST, RN AN, FS, DN, TI, AU, CS, NR, SO, DT, LA (BIB is default) ALL, delimited for post processing ALL, indented with text labels BIB, indented with text labels AN, FS, CC, CCDE, CT, CTDE, ST, RN TI, CT (random display without answer numbers) TI, CC, CT, ST, RN | D ABS D ALL 1-10 D ALLDE D BIB D DALL D IALL D IBIB D L5 IND D STD D TRI |
| 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) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

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 |
| Abstract in German | ABDE | Y (2) | N |
| Accession Number | AN | Y | N |
| Author | AU | Y | Y |
| CAS Registry Number | RN | Y (2) | N |
| Classification Code | CC (CCEN) | Y | Y |
| Classification Code in German | CCDE | Y | Y |
| CODEN | CODEN | N | Y |
| Controlled Term | CT (CTEN) | Y | N |
| Controlled Term in German | CTDE | Y | N |
| Corporate Source | CS | Y | N |
| Document Number | DN | Y | Y |
| Document Type | DT (TC) | Y | Y |
| File Segment | FS | Y | Y |
| International Standard (Document) Number | ISN | Y (3) | N |
| International Standard Book Number | ISBN | N | Y |
| International Standard Serial Number | ISSN | N | Y |
| Journal Title | JT | Y | Y |
| Journal Title, Abbreviated | JTA | Y (4) | Y |
| Journal Title, Full | JTF | Y (4) | Y |
| Language | LA | Y | Y |
| Number of Report | NR | Y | Y |
| Occurrence Count of Hit Terms | OCC | N | Y |
| Publication Year | PY | Y | Y |
| Source | SO | Y(5) | N |
| Supplementary Term | ST | Y | N |
| Title | TI | Y (default) | Y |
| Word Count, Title | WC.T | Y | N |

(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.

(3) Selects or analyzes CODEN, ISSN and ISBN with /ISN appended to the terms created by SELECT.

(4) Appends /JT to the terms created by SELECT.

(5) Selects or analyzes CODEN, ISSN, and ISBN with /ISN appended to the terms created by SELECT.

Sample Records

DISPLAY ALL

```
AN 2006(08):1462 CEABA-VTB FS V
DN PVTB: 0610/301
TI Innovative horizontal peeler centrifuges for the pharmaceutical industry
    Innovationsschub bei Horizontalschaelzentrifugen in der Pharmaindustrie
AU Krettek, Otmar; Krettek, Guntram
CS Krettek Filtrationstechnik GmbH, Viersen, DE
SO Filtrieren und Separieren, F & S (2006) 20(2), 58-66, 13f
    CODEN: FFSSES ISSN: 0933-5927
DT Journal
```

CEABA-VTB

- LA German
- AB Small and changing production lots as well as cost pressure due to increasing competition in the pharmaceutical industry has led to the development and use of multifunctional process chains. A key prerequisite is that contamination-free cleaning is ensured. In the case of the KFT Pharma Centrifuge (Krettek Filtrationstechnik), a horizontal peeler centrifuge with its three-sectional concept, a centrifugal factor of 2500 g has been achieved by a consistently strength-optimized design of the sieve drum. Use of a backflushing rotor allowed the centrifugal factor to be increased up to 3170 g. The special design features of the sieve drum and backflushing rotor are described in detail. (Stock, Sabine (Bremen))
- ABDE Kleinere und wechselnde Produktionsmengen sowie zunehmender Kostendruck als Folge des steigenden Wettbewerbs, dem auch die Pharmaunternehmen ausgesetzt sind, verlangen vermehrt den Einsatz multifunktionaler Prozessketten. Die wichtigste Anforderung ist daher ein hohes Mass an Flexibilitaet der Anlagen. Eine wesentliche Voraussetzung dazu ist, dass auch bei Produktwechseln die kontaminationsfreie Reinigung bei geschlossener Zentrifuge gewaehrleistet ist. Bei der KFT-Pharmazentrifuge (Krettek Filtrationstechnik), einer Horizontalschaelzentrifuge mit 3-Raum-Konzept, wurde durch die konsequente festigkeitsoptimierte Trommelauslegung bei Einsatz der Siebtrommel ein Schleuderkoeffizient von 2500 g realisiert, bei Verwendbarkeit des Rueckspuelrotors sogar von 3170 g. Die besonderen Auslegungsformen von Siebtrommel und Rueckspuelrotor werden im Einzelnen beschrieben. (Stock, Sabine (Bremen))
- CC 3PP Production of pharmaceutical products
3PH Separation of solid, liquid and gaseous matters, disperse systems
3PLD Chemical process-development, -modelling, -performance and -optimization
- CT equipment design; pharmaceutical industry; centrifugation; centrifuge; separation; purification; downstream processing

DISPLAY BIB

- AN 2008(03):0241 CEABA-VTB FS V
- TI Dynamic modelling of complex batch distillation starting from ambient conditions
Dynamische Modellierung einer komplexen Chargendestillation, ausgehend von Normalbedingungen
- AU Gruetzmann, Sven; Kapala, Thomas; Fieg, Georg
- CS Hamburg University of Technology, DE; Cognis Deutschland GmbH & Co.KG, Duesseldorf, DE
- SO Computer-aided Chemical Engineering: 16th European Symposium on Computer Aided Process Engineering and 9th International Symposium on Process Systems Engineering: Part A/Ed. by W. Marquardt; C. Pantelides (2006) 21A, 11 Reference(s), 865-870, 5f
ISBN: 0-444-52257-3
- DT Book
- LA English

In North America

CAS
STN North America
P.O. Box 3012
Columbus, Ohio 43210-0012 U.S.A.

CAS Customer Center:
Phone: 800-753-4227 (North America)
614-447-3700 (worldwide)
Fax: 614-447-3751
Email: help@cas.org
Internet: www.cas.org

In Europe

FIZ Karlsruhe
STN Europe
P.O. Box 2465
76012 Karlsruhe
Germany
Phone: +49-7247-808-555
Fax: +49-7247-808-259
Email: helpdesk@fiz-karlsruhe.de
Internet: www.stn-international.com

In Japan

JAICI (Japan Association for International Chemical Information)
STN Japan
Nakai Building
6-25-4 Honkomagome, Bunkyo-ku
Tokyo 113-0021, Japan
Phone: +81-3-5978-3601 (Technical Service)
+81-3-5978-3621 (Customer Service)
Fax: +81-3-5978-3600
Email: support@jaici.or.jp (Technical Service)
customer@jaici.or.jp (Customer Service)
Internet: www.jaici.or.jp