

## DKF

### (Dokumentation KraftFahrwesen, Automotive Engineering Information)

- Subject Coverage**
- Internal combustion engines (fuel mixture, combustion processes, exhaust gases)
  - Vehicle components (electric and electronic equipment)
  - Vehicle operations (safety, driving behaviour, maintenance, testing, environmental aspects)
  - Materials engineering (materials, fuels, corrosion, tribology)
  - Design engineering (vehicle design and manufacture)
  - Standardization and legislation

**File Type** Bibliographic

**Features**

Alerts (SDIs)	Not available		
CAS Registry Number® Identifiers	<input type="checkbox"/>	Page Images	<input type="checkbox"/>
<a href="#">Keep &amp; Share</a>	<input checked="" type="checkbox"/>	SLART	<input checked="" type="checkbox"/>
Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>

- Record Content**
- Bibliographic information, indexing, and abstracts.
  - Records are in German with titles in English and original language.

**File Size** • 296,109 citations

**Coverage** 1974-2018

**Updates** Static file

**Language** German, English

**Database Producer**  
 WTI Frankfurt eG  
 Ferdinand-Happ-Straße 32  
 60314 Frankfurt am Main  
 Germany  
 Phone: +49 69 4308-111  
 Fax: +49 69 4308-200  
 E-mail: [kontakt@wti-frankfurt.de](mailto:kontakt@wti-frankfurt.de)  
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 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](mailto:helpdesk@fiz-karlsruhe.de)

**Sources**

- Journals
  - Reports
  - Dissertations
  - Conference Proceedings
- 

**User Aids**

- DKF - Fachordnung (Classification) \*
  - DKF - Thesaurus \*
  - DKF - Zeitschriftenliste (List of Journals) \*
  - Online Helps (HELP DIRECTORY lists all help messages available)
  - STNGUIDE
- \* available from producer
- 

**Cluster**

- ALLBIB
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- ENGINEERING
- ENVIRONMENT
- FUELS
- MATERIALS
- RESEARCH

STN Database Cluster information:

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## 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), controlled term (CT) and supplementary term (ST) fields)	None or /BI	S ELCHTEST S GOODYEAR AND MICHELIN S ?KUPPLUNG?	TI, AB, CT, ST
Accession Number	/AN	S 199801130231/AN	AN
Author	/AU	S ERHARDT, R/AU S ANDERS P/AU	AU
Availability (of document)	/AV	S KOPIE BEI DKF/AV S COPY AVAILABLE FROM DKF/AV	AV, SO
Classification Code (code and text) (1)	/CC	S FAHRZEUGTEST/CC S TT/CC	CC
Controlled Term	/CT	S AUTOMATISCHES GETRIEBE/CT	CT
Controlled Word	/CW	S SATTELZUG(L)ANHAENGER/CW	CT
Corporate Source (incl. author affiliation) (1,2)	/CS	S GENERAL MOTORS US/CS	CS
Country of Publication (code and text)	/CY	S GERMANY, FEDERAL REPUBLIC OF/CY S DE/CY	CY
Document Type (code and text)	/DT (or /TC)	S JOURNAL/DT S ZEITSCHRIFT/DT	DT
Entry Date (3)	/ED (or /UP)	S ED=AUG 1998	ED
International Standard (Document) Number (CODEN)	/ISN	S KHAND/ISN	ISN, SO
Journal Title	/JT	S KRAFTFAHRZEUGTECH/JT	JT, SO
Language (code and text)	/LA	S EN/LA S DEUTSCH/LA S ENGLISH/LA	LA
Order Number	/ON	S 9805DKF132042/ON	ON
Publication Year (3)	/PY	S PY=2004	PY, SO
Source (contains journal title, availability, and CODEN)	/SO	S SAE PAPER/SO S AUTOMOBILTECH/SO AND 1997/SO	SO
Subject Heading (1)	/SH	S OTTOMOTOREN/SH	SH
Supplementary Term (1)	/ST	S ELEKTRONISCHE ZUENDUNG/ST	ST
Title	/TI	S ELEKTROFAHRZEUGE/TI  S VARIABLE TRANSMISSION/TI	TI

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

(2) If entries in this field are preceded by "P:", it is indicated that the corporate source is the manufacturer of the product.

(3) 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.

## DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
AB AN AU AV (1) CC CS CT CY DT (TC) ED (UP) (1) ISN (1) JT (1) LA ON PY (1) SH SO ST TI	Abstract Accession Number Author Availability (of document) Classification Code Corporate Source Controlled Term Country of Publication Document Type Entry Date International Standard (Document) Number Journal Title Language Order Number Publication Year Subject Heading Source Supplementary Term Title	D TI AB D 1-5 AN D AU TI D AV D CC CT D CS D CT CC D CY D DT LA D ED D ISN D JT D LA D ON D PY D SH D L5 SO D ST D TI 1-10
ABS ALL DALL IALL BIB IBIB IND SCAN (2) TRIAL (TRI, SAMPLE, SAM)	AN, AB AN, ON, TI, AU, CS, SO, DT, CY, LA, AB, SH, CC, CT, ST ALL, with delimiter for post-processing ALL, indented with labels AN, ON, TI, AU, CS, SO, DT, CY, LA (BIB is default) BIB, indented with labels AN, SH, CC, CT, ST TI, CT (random display without answer numbers) TI, SH, CT, ST	D ABS D ALL 1-10 D DALL D IALL D BIB 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).

**SELECT, ANALYZE, and SORT Fields (cont'd)**

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y (2)	N
Accession Number	AN	Y	N
Author	AU	Y	Y
Availability (of document)	AV	Y (3)	Y
Classification Code	CC	Y	Y
CODEN	CODEN	N	Y
Controlled Term	CT	Y	N
Corporate Source	CS	Y	N
Country of Publication	CY	Y	Y
Document Type	DT (TC)	Y	Y
Entry Date	ED (UP)	Y	Y
International Standard (Document) Number	ISN	Y (4)	N
Journal Title	JT	Y	Y
Language	LA	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Order Number	ON	Y	Y
Publication Year	PY	Y	Y
Source	SO	Y (5)	N
Supplementary Term	ST	Y	N
Title	TI	Y (default)	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.

(3) SELECT or ANALYZE HIT are not valid with this field.

(4) Selects or analyzes CODEN with /ISN appended to the terms created by SELECT.

(5) Selects or analyzes CODEN with /SO appended to the terms created by SELECT.

**Sample Records****DISPLAY ALL OF REPORT**

```

AN 200806221892 DKF ON 0806DKF221892
TI Clean Diesel - Emissionsfortschritte durch Einspritzsystem und
Abgasnachbehandlung
Clean Diesel - emission reduction due to injection system and exhaust gas
treatment.
AU Leonhard, R.
CS P:Bosch,Stuttgart,DE
SO VDA Technischer Kongress 2008, Umwelt und Energie - Fahrzeugsicherheit
und Elektronik; *; 2008; p. 159-172, pp. 14, Foto 1, Zeichng./drwgs. 5,
Diagr. 24, Tab. 3; Original bei/available from DKF
CODEN: YA218
DT Report
CY Bundesrepublik Deutschland; Germany, Federal Republic of
LA Deutsch; German
AB In den letzten 20 Jahren wurden grosse Fortschritte bei Dieselmotoren als
Pkw Antrieb erzielt. NOx und Partikelemissionen und Kraftstoffverbrauch
wurden reduziert, Fahrbarkeit und Geraeusuch auf ein sehr gutes Niveau
angehoben. Unter diesen Randbedingungen sowie unter Einbeziehung des
Kostenaspekts ist der Dieselmotor ein Benchmark fuer die Realisierung
kuenftiger CO2 Ziele. Die Einhaltung der Tier2 Bin5 Grenzwerte erfordert
jedoch zur NOx Reduktion um etwa 90% gegenueber Euro 4 den Einsatz
zusaeztlicher NOx Nachbehandlungssysteme. Der Bericht behandelt die
Optimierung der Verbrennung, Abgasnachbehandlung und Gesamtsystemkonzepte.
SH Dieselmotoren; Ladungswechsel, Gemischbildung, Verbrennung, Katalysator;
Ladungswechsel, Gemischbildung, Verbrennung, Katalysator

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**DKF**

CC VFD Dieselmotoren  
 VLD Gemischbildung, Vergaser, Einspritzung, Kraftstoffanlagen  
 VLH Abgas, Abgasanlagen, Abgasreinigung  
 CT DIESELMOTOR; EMISSIONSVERRINGERUNG; STICKOXID (ABGAS); ABGASPARTIKEL;  
 ABGASGRENZWERT; USA; PARTIKELFILTER; AUFLADUNG; EINSPRITZUNG; GERAUEUSCH;  
 KOSTEN; OPTIMIERUNG

**DISPLAY ALL OF JOURNAL**

AN 201002236699 DKF ON 1002DKF236699  
 TI Was das Feuerverzinken wirklich kann - Diskussion um Korrosionsschutz  
 Verfahren  
 What hot dip galvanizing can in reality - discussion of corrosion  
 protection processes.  
 CS P:Inst.f.Feuerverzinken,Duesseldorf,DE  
 SO Oberflaeche JOT; 50(2010)2; p. 34-36, pp. 3, Foto 3; Original  
 bei/available from DKF  
 CODEN: OECHE  
 DT Zeitschrift; Journal  
 CY Bundesrepublik Deutschland; Germany, Federal Republic of  
 LA Deutsch; German  
 AB Um kein anderes Verfahren ranken sich so viele Mythen, Maerchen und  
 Halbwahrheiten wie um den seit 250 Jahren angewendeten Korrosionsschutz  
 mittels Feuerverzinken. Im Anhaengerbau ist das Feuerverzinken bezueglich  
 Bestaendigkeit gegen Steinschlag oder Tausalze nicht zu toppen. Dies  
 fuehrt nach Ansicht von Experten des Instituts fuer Feuerverzinken dazu,  
 dass im Wettbewerb zwischen den Korrosionsschutzverfahren nicht immer  
 Fairplay angesagt ist. Speziell traditionellen Technologien werden  
 Schwaechen angedichtet und geloeste Probleme frueherer Zeiten neu  
 thematisiert. Der Artikel soll ein Wissens Update vermitteln, um die  
 Unklarheiten durch Fakten zu ersetzen.  
 SH Anorganische Werkstoffe, Korrosion  
 CC LH Korrosion  
 CT KORROSIONSSCHUTZ

**DISPLAY BIB OF JOURNAL**

AN 201002236601 DKF ON 1002DKF236601  
 TI Stufe 7 nach dem Urknall - neuer Turbomotor fuer den Porsche 911  
 New turbocharged engine for the Porsche 911.  
 AU Hauri, S.  
 CS P:Porsche,Weissach,DE  
 SO Automob.Rev.; (2010)3; p. 20-21, pp. 2, Foto 2, Zeichng./drwgs. 5;  
 Original bei/available from DKF  
 CODEN: ARVUE  
 DT Zeitschrift; Journal  
 CY Schweiz; Switzerland  
 LA Deutsch; German

**In North America**  
 CAS  
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**In Europe**  
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 STN Europe  
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 Germany  
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**In Japan**  
 JAICI (Japan Association for  
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 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