

Derwent World Patents Index (R) (Non-subscriber file: WPINDEX; Subscriber file: WPIDS; Subscriber file with Extension Abstracts: WPIX) provides information on patent publications from the 41 most important patent issuing authorities of the world.

Each record in the database describes a patent family, starting with the new invention (Basic Patent) and adding information about the same invention issued in other countries (Equivalents). Two levels of data are available within the database for each record. The Invention Level comprises bibliographic data and Thomson Reuters (Scientific) Ltd. value-add titles, abstracts, general and where appropriate, in-depth chemical and electrical indexing. Thomson Reuters (Scientific) Ltd. applies various algorithms to collate and deduplicate the data from the individual member patents of the patent family when creating this 'Patent Family' (Invention Level) view. The Member Patent Level (or Publication Level) on the other hand allows users to search and display bibliographic data and general indexing information associated with individual documents that make up the patent family Invention Level. This can allow very specific searching of individual documents. Additional first level data elements such as original titles and abstracts, claims, address and agent information are also present at the Member Patent Level. The Invention and Member Patent Level can be searched individually or in combination as required.

Electrical and engineering drawings may be present in records dating back to 1988, and chemical structure drawings may be present in records dating back to 1992. Beginning with Update 1999-08, two Thomson Reuters (Scientific) Ltd. value-add content fields, Novelty (NOV) and Technology Focus (TECH), were added. The Novelty field outlines the novelty of the invention. The Technology Focus provides further information to the Basic (Alert) Abstract (AB), describing the invention from different technological viewpoints, thus helping to present the practical scientific content of the patent in a more easily understood form.

The Chemistry Resource (DCR), available beginning with Update 1999-16, offers structure searching and various other substance identification and indexing fields. DCR search results are linked to bibliographic records.

An online thesaurus is available in the IPC (/IPC), Manual Code (/MC), and Title Terms (/TT) fields. There is a thesaurus-like feature in the Compound Number (/DCN), and Patent Assignee Code (/PACO), fields.

LWPI is the low cost companion training file for the WPINDEX/WPIDS/WPIX files (images included). Fast-alerting access to newly-published patent documentation is available in Derwent World Patents Index First View (SM) - file WPIFV.

PRODUCER / SUPPLIER

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SUBJECT COVERAGE

- All patent-relevant areas of science and technology. The start of coverage varies by both subject matter and patent authority:
 - Pharmaceuticals: 1963
 - Plastics and polymers: 1966
 - Mechanical, electrical, and general technology: 1974
 - Agricultural chemicals: 1965
 - All other chemistry and general technology: 1970

SOURCES

Patent documents are covered from:

Argentina (1975)*	German (Dem. Rep.)(1963-1990)	Philippines (1994-present)
Australia (1963-69,1983-pres.)	Hungary (1975-present)	Portugal (1974-present)
Austria (1975-present)	India (2004-present)	Rep. of Korea (1986-present)
Belgium (1963-present)	Ireland (1963-69,1995-pres.)	Romania (1975-present)
Brazil (1976-present)	Israel (1975-present)	Russian Federation (1994-present)
Canada (1963-present)	Italy (1966-69,1978-present)	Singapore (1995-present)
China (1987-present)	Japan (1963-present)	Slovakia (1994-present)
Czech Republic (1994-present)	Luxembourg (1984-present)	South Africa (1963-present)
Czechoslovakia (1975-1994)*	Mexico (1997-present)	Soviet Union (1963-1994)*
Denmark (1974-present)	Netherlands (1963-present)	Spain (1983-present)
European Pat. Off. (1978-present)	New Zealand (1993-present)	Sweden (1974-present)
Finland (1974-present)	Norway (1974-present)	Switzerland (1963-present)
France (1963-present)	PCT (WIPO) (1978-present)	Taiwan (1993-present)
Germany (1963-present)		United Kingdom (1963-present)
Germany (Utility Models) (1995-present)		United States (1963-present)

Additional Sources are:

- Research Disclosure (1978-present)
Copyright: Kenneth Mason Publications Limited [2006] www.researchdisclosure.com
- International Technology Disclosures (1984-93)*
* signifies available within the Backfile only

Additional first level data elements such as original titles and abstracts, claims, inventor, assignee and agent information and addresses may be present at the Member Patent Level as follows:

- Australia (2004-present)
- Germany (1968-present)
- European Patent Office (1978-present)
- Japan (1975-present)
- PCT (WIPO) (1978-present)
- United Kingdom (1984-1997, 2004-present)
- United States (1975-present)

Comprehensive details of coverage within Derwent World Patents Index (R) can be found within Global Patent Sources which is available to download for free at:
<http://scientific.thomson.com/products/gps/>

FILE DATA

- 1963 to present (07/08): about 16.6 million records with about 9.2 million images
- Updated every 3 or 4 days with about 9,000 new records (Basic Patents), about 12,000 Equivalent, Polymer and Chemical Coding, and about 8,000 images (technical drawings and chemical structure drawings)
- Automatic current-awareness searches (SDIs) may be run monthly, weekly, or with each update (1-2 updates per week) (every update is the default).

USER AIDS

- Derwent World Patents Index STN Online User Guide
- STNGUIDE
- Online Helps (HELP DIRECTORY lists all help messages available)
- Patent Sources *
- Introduction to Chemical Indexing *
- Classification User Guide *
- Title Terms User Guide *
- Patentee Codes User Guide *
- CPI Chemical Indexing Guidelines, Indexing of Chemical and Pharmaceutical Patents *
- CPI Chemical Indexing User Guide *
- CPI Manual Codes User Guide *
- Chemistry Resource on STN *
- CPI Plasdac Coding Systems User Guide *
- Polymer Indexing Directory Parts 1 and 2 *
- Polymer Indexing Reference Manual *
- Polymer Indexing System Description User Guide *
- Polymer Indexing Thesaurus Guide *
- Polymer Indexing Hierarchy User Guide *
- EPI Manual Codes User Guide Parts 1,2 and 3 *

* Available at producer

SEARCH AND DISPLAY FIELDS

Search Field Name	Search Code	Search Examples	Display Code
Basic Index (contains single words from AB, ABDT, ABEX, ACTN, ACTV, ADV, DETD, DRWD, NOV, TECH, TI, TT, UADV, and USE) 1)	None or /BI (/BIX)	S DRILLING FLUID AND EMULS? S ?PHENYLETHER? S #####DIPHENYLETHER S ULCER TREATMENT(L)ORAL	B, ABDT, ACTN, ADV, ABEX, ACTV, DETD, DRWD, ABEQ, NOV, TECH, TI, TT, UADV, USE
Abstract 1)	/AB	S OSTEOGENIC PROTEIN?/AB	AB
Abstract, Documentation Type 2)	/ABDT	S (DNA AND PROTEIN)/ABDT	ABDT
Abstract, Extension 1,3)	/ABEX	S ?FERMENT?/ABEX	ABEX
Application Country 4)	/AC	S GB/AC(P)1990/AY	ADT, AI
Mechanism of Action 1)	/ACTN	S CYTOKINES/ACTN	AB, ACTN
Activity 1)	/ACTV	S ANTIBIOTIC ACTIVITY/ACTV	AB, ACTV
Application Date 4,5)	/AD	S JAN 1993-APR 1993/AD(S)FR/AC	ADT, AI
Advantage 1)	/ADV	S LASER BEAM?/ADV	ADV, AB
Accession Number	/AN	S 1993-126101/AN	AN
Crossover Accession Number	/ANX	S 1980-B7362C/ANX	
Application Number 4,6)	/AP	S 1989GB-000219641/AP S GB1989-219641/AP	ADT, AI
Application Number Year 5)	/AP.YR	S 2004/AP.YR	ADT, AI
Application Type	/APT	S RELATED TO/APT	ADT, AI
Application Year 4,5)	/AY	S 1990-1991/AY	ADT, AI
Cross Reference	/CR (/XR)	S 1990-001459/CR S 1990-001459/AN,CR	CR
Country Count 5)	/CYC	S 20-30/CYC	CYC
DWPI Class 7)	/DC	S A25/DC S A/DC	DC
Detailed Description 1)	/DETD	S NAPHTHALENE?/DETD	AB, DETD
Document Level	/DLVL	S L1 AND INVENTION/DLVL	not displayed
Document Number CPI	/DNC	S C1993-056092/DNC	DNC
Document Number Non CPI	/DNN	S N1983-041955/DNN	DNN
Drawing Description 1)	/DRWD	S ?TANGUL?/DRWD	AB, DRWD
Number of Drawings 5)	/DRWN	S DRWN=9	DRWN
Designated State 8)	/DS	S BE/DS S RW: BE/DS(P)1990/PY	PI
Document Type	/DT	S L7 AND P/DT	not displayed
DWPI Update 6)	/DUPD	S 197007/DUPD	DUPD
DWPI Week 6,9)	/DW	S 199108/DW S 199301-199315/DW(P)FR/PC S 197022/DW.AN	PI
Accession Number Week, Supplement	/DW.AN		AN
DWPI Week, Basic 5,8)	/DW.B	S 199315/DW.B(P)US/PC.B	PI, PI.B
Entry Date	/ED	S ED>19940201 AND L10	ED
European Patent Classification	/EPC (/ECLA, /EPCLA)	S A01B0015-20/EPC	EPC
European Patent Classification Keywords	/EPC.KW	S D2/EPC.KW	EPC
Field Availability 5)	/FA (/FAS)	S L7 NOT NOAB/FA S L11 AND GI/FA	FA

- 1) In addition to right truncation, simultaneous left and right truncation are available in this field. At least 4 characters need to be used for the length of the stem.
- 2) This field is displayable in WPIX only. Available for 1995-1999.
- 3) This field is displayable in WPIX only. Available from update 199908 onwards.
- 4) Application Information is linked by (P) proximity to the patent information of the respective document.
- 5) Numeric search field that may be searched using numeric operators or ranges.
- 6) Numbers are searchable in DWPI and STN format.
- 7) The classification text of DWPI classes is available in abbreviated form for EXPAND, however not for SEARCH.
- 8) Patent information (PN, PC, PK only) and application information of one patent document is linked by (P) proximity.
- 9) A thesaurus is available in this field.

SEARCH AND DISPLAY FIELDS (continued)

Search Field Name	Search Code	Search Examples	Display Code
Filing Details	6,8) /FDT	S US5072794/FDT S EP-----105613/FDT	FDT
Filing Details, Patent Country (WIPO code and text)	/FDT.PC (/RLPC)	S CANADA/FDT.PC	FDT
Filing Details, Patent Number	/FDT.PN (/RLPN)	S CA1248729/FDT.PN	FDT
Filing Details, Patent Kind	/FDT.PK (/RLPK)	S CAA/FDT.PK	FDT
Filing Details, Type	/FDT.TP	S REISSUE OF/FDT.TP	FDT
File Segment	/FS	S PLASMA AND EPI/FS	FS
International Patent Classification (contains ICM and ICS)	/IC	S C09K007/IC S C09K007-02/IC S C09K-007-02/IC S D01D005-08?/IC	PI, IC
IPC, Additional (supplementary)	/ICA	S A01K067-027/ICA	ICA
IPC, Index (complementary)	/ICI	S B03D103:08/ICI	ICI
IPC, Main	8) /ICM	S C09K007-02/ICM	PI, IC
Index Codes (EPO)	/ICO	S K61M/ICO	ICO
IPC, Secondary	/ICS	S D01B001-38/ICS	IC
Inventor	/IN (/AU)	S HALE, A H/IN S HALE A H/IN,PA	IN
International Patent Classification (ICA, ICI, ICM, ICS, IPCI, IPCR)	/IPC	S C12P021-08/IPC	IPC
IPC, Action Date	9) 5) /IPC.ACD	S IPC.ACD>2001	IPC.TAB
IPC Keyword Terms	/IPC.KW	S ADDITIONAL/IPC.KW	IPC.TAB
IPC Reform	/IPC.REF	S A01B0003-44/IPC.REF	IPCI, IPCR
IPC, Version	6) /IPC.VER	S 20060101/IPC.VER	IPC.TAB
Language (ISO code and text)	9) /LA	S FR/LA(P)EP/PC S FRENCH/LA(P)EP/PC(P)1990/PY	PI
Manual Code	9,10) /MC	S A12-W10A/MC	MC
Markush Compound Number	/MCN	S 0153-12201-CL/MCN	MCM, CMC
Main Group of IPC Version 1-7	/MGR	S C09K/ICM(T)18-20/MGR	not displayed
Range Searchable	6) /NCL	S 00200670/NCL	NCL
US National Patent Classification, Current	/NCLM	S 002/NCLM	NCL
US National Classification, Current (main)	/NCLMS	S 004/NCLS	NCL
US National Classification, Current (secondary)			
Novelty	1,12) /NOV	S EXCITATION LIGHT/NOV	NOV
Patent Assignee	11) /PA (/CS)	S SHELL OIL/PA S "NEW YORK WIRE"?/PA	PA
Patent Assignee Code	9,13) /PACO	S SHEL/PACO	PA

- 1) In addition to right truncation, simultaneous left and right truncation are available in this field. At least 4 characters need to be used for the length of the stem.
- 5) Numeric search field that may be searched using numeric operators or ranges.
- 6) Numbers are searchable in DWPI and STN format.
- 8) Patent information (PN, PC, PK only) and application information of one patent document is linked by (P) proximity.
- 9) A thesaurus is available in this field.
- 10) DWPI manual codes automatically echo each search term and its definition when you search.
- 11) Search with implied (S) proximity is available in this field. Bound phrases have to be searched with quotation marks.
- 12) Available from Update 199908 onwards.
- 13) The list of Thomson Reuters (Scientific) Ltd.-assigned company codes for patent assignees matched with company names is available in this field. See page 11.

SEARCH AND DISPLAY FIELDS (continued)

Search Field Name	Search Code	Search Examples	Display Code
Patent Country	8,14) /PC	S GB/PC(P)1989/AY S UNITED KINGDOM/PC	PI
Patent Country, Basic	8,14) /PC.B	S GB/PC.B(P)JUNE 1992/PD.B	PI
Publication Date	5,8) /PD	S 19900404/PD S 1 APR 1990-15 APR 1990/PD(P)GB/PC	PI
Publication Date, Basic	5,8) /PD.B	S 19930330/PD.B(P)US/PC.B	PI
Number of Pages	/PGN	S PGN=5	PI
Patent Kind Code	8,15) /PK	S GBA/PK S EPA2/PK(P)DE/DS	PI
Patent Kind Code, Basic	8,15) /PK.B	S EPA/PK.B S EPA1/PK.B(P)1991-1992/PY.B	PI
Patent Number	6,8) /PN	S US5198416/PN S EP-----100323/PN S EP0100323/PN S EP100323/PN S US20060000001/PN S US-20060000001/PN	PI
Patent Number, Basic	6,8) /PN.B	S US5198416/PN.B	PI
Patent Number Count	5) /PNC	S 5-10/PNC	PNC
Priority Country	16) /PRC	S FR/PRC S GB/PRC(S)1990/PRY	PRAI
Priority Date	5,16) /PRD	S 19880930/PRD S JUNE 1991/PRD(S)FR/PRC	PRAI
Priority Date First	5,16) /PRDF	S JUNE 1991/PRDF	PRAI
Priority Number	6,16) /PRN	S 1988US-000252206/PRN S US1988-252206/PRN S 1990DE-000001059U/PRN S DE1990-U1059/PRN	PRAI
Priority Number, Year	5) /PRN.YR	S 2005/PRN.YR	PRAI
Priority Year	5,16) /PRY	S 1990-1991/PRY(S)NL/PRC	PRAI
Priority Year First	5,16) /PRYF	S 1992/PRYF	PRAI
Patent Publication Type	/PT	S EQUIVALENT/PT	PI
Publication Year	5,9) /PY	S 1990-1991/PY	PI
Publication Year, Basic	5,9) /PY.B	S 1990/PY.B(P)JP/PC.B	PI
Sub Group of IPC Version 1-7	/SGR	S C09K007/ICM(T)100-2000/SGR S F01B-007/IC(T)10000-12000/SGR	not displayed
Range Searchable	5) /SL	S L1 AND EN/SL	SL
Summary Language (ISO code and text)			SL
Technology Focus	1,12) /TECH	S DYEING AGENT#/TECH,BI	TECH
Title	1) /TI	S DRILLING FLUID#/TI	TI
Title Terms	17) /TT	S DRILL/TT S FIBRE-OPTIC/TT	TT
(incl. Additional Words)			

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

6) Numbers are searchable in DWPI and STN format.

8) Patent information (PN, PC, PK only) and application information of one patent document is linked by (P) proximity.

9) A thesaurus is available in this field.

14) Enter HELP COUNTRY online for detailed coverage information.

15) Enter HELP KIND online for definitions of the patent document kind codes.

16) Priority information referring to the same application is linked by (P) proximity.

17) A function for preferred and forbidden terms (USE, UF relationship) is available for EXPAND and SEARCH in this field - see 'DWPI Title Terms' on page 10. By default, the preferred term is searched, when a forbidden one is part of the query.

SEARCH AND DISPLAY FIELDS (continued)

Search Field Name	Search Code	Search Examples	Display Code
Use/Advantage Section	1) /UADV	S TREATMENT/UADV	UADV
Update Date	5) /UP	S L7 AND 19940715-19940731/UP	UP
Update Date Polymer Indexing	5) /UPA	S UPA=APR 2005	UPA
Update Date Abstract	5) /UPAB	S MAR 1994-JUN 1994/UPAB AND L10	UPAB
Update Date Chemical Code	5) /UPB	S UPB=APR 2005	UPB
Update Date Documentation Abstract	5) /UPDA	S MAR 2006/UPDA	UPDA
Update Date Equivalent	5) /UPEQ	S UPEQ=AUG 2006	not displayed
Update Date Graphic Image	5) /UPGI	S UPGI=APR 2005	not displayed
Update Date Index Terms	5) /UPIT	S 20050412/UPIT	UPIT
		(/UPKW)	
Update Date Patent Family	5) /UPP	S FEB 1994-APR 1994/UPP	UPP
Update Date Patent Assignee	5) /UPPA	S 20050426/UPPA AND L15	UPPA
Update Date Patent Information	5) /UPPI	S UPPI=JAN 2006	UPPI
Update Date Priority Information	5) /UPPR	S UPPR>=APR 2005	UPPR
Update Date Enhanced Title	5) /UPTI	S 20050422/UPTI AND L2	UPTI
Use Section	1) /USE	S (SYNTHESIS AND BIOSYNTHETICAL)/ USE S ?PHENYLETHER?/USE	USE

- 1) In addition to right truncation, simultaneous left and right truncation are available in this field. At least 4 characters need to be used for the length of the stem.
- 5) Numeric search field that may be searched using numeric operators or ranges.
- 6) Numbers are searchable in DWPI and STN format.
- 8) Patent information (PN, PC, PK only) and application information of one patent document is linked by (P) proximity
- 9) A thesaurus is available in this field.
- 12) Available from Update 199908 onwards.
- 16) Priority information referring to the same application is linked by (P) proximity.

SUPER SEARCH FIELDS 1)

Search Field Name	Search Code	Fields Searched	Search Examples	Display Codes
Application Number Group	/APPS	/AP, /PRN	S 1989GB-0219641/APPS	ADT, AI,
Document Number	/DN	/DNC, /DNN	S GB1989-219641/APPS	PRAI
Patent Number Group	/PATS	/FDT, /PN,	S C1993-056092/DN	DNC, DNN
			S GB2223255/PATS	FDT, PI,
			S EP-----100323/PATS	REP
			S EP100323/PATS	
Patent Countries	/PCS	/PC, /DS	S ES/PCS	DS, PI
			S SPAIN/PCS	

- 1) Enter a super search code to execute a search in one or more fields that may contain the desired information. Super search fields facilitate crossfile and multifile searching. EXPAND may not be used with super search fields. Use EXPAND with the individual field codes instead.
- 2) Either STN format or Derwent format may be used.
- 3) Enter HELP COUNTRY for detailed coverage information.

**ADDITIONAL DWPI INDIVIDUAL PATENT PUBLICATION (often First Level Data)
SEARCH FIELDS**

Search Field Name	Search Code	Search Examples	Display Code
Agent	/AG	S PFIZER/AG	AG
Agent, Total	/AG.T	S PFIZER INC./AG.T	AG.T
Agent Address	/AGA	S NEWCASTLE/AGA	AGA
Agent Address, Country (code)	/AGA.CNY	S NL/AGA.CNY	AGA
Agent Address, City	/AGA.CTY	S (MUNICH OR MUENCHEN)/AGA.CTY	AGA
Accession Number, Publication Level	/AN.PUB	S 2005-262794/AN.PUB	AN
Application Information, Thomson Reuters (Scientific) Ltd.	/APTS	S 1978US-000000357/APTS	APTS
Basic Index Extended (contains single terms from author abstracts, claims, and titles) 1)	/BIEX	S NANOCLUSTERS/BIEX	ABDE, ABEN, ABFR, CLMEN CLMDE, CLMFR, TIDE, TIEN, TIES, TIFR
Claims 1)	/CLM	S OFFICE CHAIR/CLM S BUEROSTUHL/CLM S ?CHAIR?/CLM	CLMEN, CLMDE, CLMFR
Field Availability	/FA.M	S ABDT/FA.M	FA
Initial International Patent Classification (ICM, ICS)	/IIC	S A01B000/IIC	IIC
Initial IPC, Additional (supplementary)	/IICA	S A01B003-36/IICA	IICA
Initial IPC, Index (complementary)	/IICI	S B03D103:08/IICI	IICI
Initial IPC, Main	/IICM	S C09K007-02/IICM	IIC
Initial IPC, Secondary	/IICS	S A01B001/IICS	
Inventor, Nationality (WIPO Code)	/IN.NAT	S AT/IN.NAT	INA
Inventor Residence (WIPO Code)	/IN.RES	S BE/IN.RES	INA
Inventor, Total	/IN.T	S MAYER?/IN.T	IN.T
Inventor Address	/INA	S HEIDELBERG/INA	INA
Inventor Address, Country (code)	/INA.CNY	S DE/INA.CNY	INA
Inventor Address, City	/INA.CTY	S WIEN/INA.CTY	INA
National Classification, Issued	/INCL	S D01125000/INCL	INCL
National Classification, Issued (main)	/INCLM	S D24225000/INCLM	INCL
National Classification, Issued (secondary)	/INCLS	S PLT001000/INCLS	INCL
Inventor Original	/INO	S MAYER DALE J/INO	INO

1) In addition to right truncation, left and simultaneous left and right truncation are available in this field. At least 4 characters need to be used for the length of the stem.

**ADDITIONAL DWPI INDIVIDUAL PATENT PUBLICATION (often First Level Data)
SEARCH FIELDS (continued)**

Search Field Name	Search Code	Search Examples	Display Code
Patent Assignee, Limitation	/PA.LIM	S DE/PA.LIM	not displayed
Patent Assignee, Nationality (WIPO code)	/PA.NAT	S BE/PA.NAT	not displayed
Patent Assignee, Residence (WIPO code)	/PA.RES	S DE/PA.RES	not displayed
Patent Assignee, Total	/PA.T	S BASF AG/PA.T	PA.T
Patent Assignee Address	/PAA	S MUENCHEN?/PAA	PAA
Patent Assignee Address, Country	/PAA.CNY	S BE/PAA.CNY	PAA
Patent Assignee Address, City	/PAA.CTY	S MUNICH/PAA.CTY	PAA
Patent Assignee, Original	/PAO	S 3M COMPANY/PAO	PAO
Priority Country, Basic (WIPO code and text)	/PRC.B	S AR/PRC.B	PRAI
Priority Date, Basic 2)	/PRD.B	S PRD.B=JUN 1998	PRAI
Priority Number, Basic	/PRN.B	S AR1968-214388/PRN.B	PRAI
Priority Application Information, Thomson Reuters (Scientific) Ltd.	/PRTS	S 1998AR-000100591/PRTS	PRTS
Priority Year, Basic 2)	/PRY.B	S 1998/PRY.B	PRAI
Summary Language (WIPO code and text)	/SL.M	S FR/SL.M	
Title, Original, in German	/TIDE	S FRUCHTFLEISCH/TIDE	TIDE
Title, Original, in English	/TIEN	S PLANT PRODUCT/TIEN	TIEN
Title, Original, in Spanish	/TIES	S FRUTOS/TIES	TIES
Title, Original, in French	/TIFR	S FRUIT#/TIFR	TIFR
Title Language (WIPO code and text)	/TL	S L1 AND EN/TL	TL
Update Date Author Abstract 2)	/UPAA	S MAR 2006/UPAA	not displayed
Update Date Author Title 2)	/UPAT	S 16 APR 2005/UPAT	not displayed
Update Date Claims 2)	/UPCL	S 20050509/UPCL	not displayed
Update Date International 2)	/UPIO	S UPIO=12 APR 2005	not displayed
Patent Classification, Original			
Update Date USPTO Classification, Original 2)	/UPNO	S UPNO=20050416	not displayed

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

CHEMISTRY RESOURCE SEGMENT SEARCH AND DISPLAY FIELDS

Search Field Name	Search Code	Search Examples	Display Code
Chemistry Resource Accession Number, Chemistry Resource Segment	/AN.S	S DCR-100174/AN.S	AN.S
Classification Code (Substance Descriptor)	/CC	S HALOCARBONS/CC	CC
Component Molecular Formula	/CMF (/FRAGMF)	S C H3 F6 P *1/CMF	SMF
Comment	/CMT	S FIBROBLAST#/CMT	CMT
Chemical Name	/CN	S MANDELIC ACID/CN	CN
Chemical Name, Preferred	/CN.P	S D-GLUCOSE-6-PHOSPHATE/CN.P	CN.P
Chemical Name, Systematic	/CN.S	S DECANE-1,10-DISULFONYL	CN.S
Chemical Name Segment (from CN.P, CN.S, SY) 1,2)	/CNS	S DISULFONYL DIAZIDE/CN.S	CN

1) In addition to right truncation, left and simultaneous left and right truncation are available in this field. At least 4 characters need to be used for the length of the stem.

2) Cross reference to indexing in bibliographic records. Select data from SDCN or SDRN or SRIN and search in /DCN resp. /DRN, resp. /RIN to retrieve bibliographic records.

CHEMISTRY RESOURCE SEGMENT SEARCH AND DISPLAY FIELDS (continued)

Search Field Name	Search Code	Search Examples	Display Code
Chemistry Resource Number, Chemistry Resource Segment	/DCSE	S 70-0-0-0/DCSE	DCSE
Entry Date Chemistry Resource	3) /EDCR	S 19 JUL 1999/EDCR	EDCR
Element Symbol	/ELS	S (N AND S)/ELS	SMF
Element Symbol, Count	3) /ELS.CNT	S O/ELS(S)7/ELS.CNT	SMF
Fragment Molecular Formula	/FRAGMF (/CMF)	S AL *154/FRAGMF	
Molecular Formula	/MF	S H CL . C20 H16 N4 O2/MF	MF
Molecular Weight	3) /MW	S L7 AND 17-21/MW	MW
Number of Components	3) /NC	S 9-11/NC	
Number of Fragments	3) /NFRAG	S 4/NFRAG AND L11	SMF
Structure Cross Reference	/SCR (/SXR)	S 104403 : SEE ALSO	SCR
Structure Segment DWPI Compound Number	2) /SDCN	S R20123/SDCN	SDCN
Structure Segment DWPI Registry Number	2) /SDRN	S 1029/SDRN	SDRN
Standardized Molecular Formula	/SMF	S "B *1; SI *1; TOTAL *2; TYPE *2"/SMF	SMF
Structure Segment Ring Index Number	2) /SRIN	S 11895/SRIN	SRIN
Synonym Name	/SY	S FALUBIN/SY	
Update Date DWPI	3,4) /UPCR	S JAN 2000/UPCR	SY UPCR
Chemistry Resource Update Date DWPI Cross Reference	3,5) /UPWX	S 19990719/UPWX	UPWX

- 2) Cross reference to indexing in bibliographic records. Select data from SDCN or SDRN or SRIN and search in /DCN resp. /DRN, resp. /RIN to retrieve bibliographic records.
- 3) Numeric search field that may be searched with numeric operators or ranges.
- 4) UPCR is created when new compounds enter the Chemistry Resource Segment.
- 5) UPWX is created when DCR compounds are cited in bibliographic records. UPWX is used in automatic current awareness searches (SDIs) in the Chemistry Resource Segment.

CHEMICAL AND POLYMER INDEXING (see also Chemistry Resource)

Search Field Name	Search Code	Search Examples	Display Code
DWPI Class	1) /DC	S A25/DC	DC
DWPI Compound Number (Specific Compound Number)	2) /DCN	S R10034-M/DCN S R10034/DCN S R10034+UF/DCN	CMC, DCN
Chemistry Resource Accession Number, Bibliographic Segment	3) /DCR (/DCRE)	S L10/DCR	DCR

- 1) The classification text of DWPI classes is available in abbreviated form for EXPAND, however not for SEARCH.
- 2) DWPI compound numbers are linked by (P) proximity to the relevant M1-M6 chemical codes with which they display. They can be searched directly in the Chemical Codes (/Mx) fields. The definition of DCNs is available online with the EXPAND command. Enter code +UF/DCN to see the definition of the DCN represented by 'code'. Text +USE/DCN shows the DCN code to be used for the definition represented by 'text'.
- 3) Field /DCR is used to retrieve records from the bibliographic segment using a search result from the Chemistry Resource Segment. Example: => S L10/DCR. L10 is the result of a search in segment Chemistry Resource. L10/DCR retrieves bibliographic records, where the compounds of L10 are cited.

CHEMICAL AND POLYMER INDEXING (see also Chemistry Resource)

Search Field Name	Search Code	Search Examples	Display Code
Index Term (incl. DCR numbers)	4) /IT (/KW)	S 7-PRD/KW S (87874(T)PRD)/KW	KW
Manual Code	5) /MC	S A12-W10A/MC	MC
Markush Compound Number	/MCN	S 8944-01501-P/MCN	CMC, MCN
Update Date Keyword Indexing	6) /UPIT (/UPKW)	S UPIT>=AUG 1999	UPIT

- 4) Contains DCR Numbers and roles, which are linked by (t) proximity. See => HELP ROLES for an explanation of the role codes.
 5) DWPI manual codes automatically echo each search term and its definition when you search.
 6) Numeric search field that may be searched using numeric operators or ranges.

STRUCTURE SEARCHING

The scope of Structure Searches is always the full DCR file segment. Structure Search SDIs are executed in the weekly update portion of the file which contains all DCR structures that have been newly cited in the bibliographic file segment in that week.

STRUCTURE SEARCH TERMS

Terms	Search Examples
L-numbers of structures built using the STRUCTURE command or uploaded from STN Express or STN on the Web (Boolean logic allowed between L-numbers)	SEARCH L1 FAM SEA L1 AND L2 SSS
L-numbers of screen sets created using the SCREEN command (Boolean logic allowed between the L-numbers)	S L3 OR L4 SSS
L-numbers of structures built using the STRUCTURE command or uploaded from STN Express or STN on the Web combined with	S L1 AND L2 NOT L3

TYPES OF STRUCTURE SEARCHING

Type	Definition	Search Code	Search Examples
Substructure (default)	Search for substances which match the query. Substitution is allowed at all open positions. Additional components may be retrieved.	SSS	SEARCH L1 SSS S L2 OR L3 SSS S L7 SSS
Closed Substructure	Search for substances which match the query exactly. Substitution is allowed at positions opened by CONNECT. Additional components may be retrieved.	CSS	SEARCH L1 CSS S L2 NOT L3 CSS S L4 OR L5 CSS
Exact Family	Search for substances which match the query exactly. Search for substances which match the query exactly. Additional components may be retrieved.	EXA FAM	S L5 EXA FUL S L6 FAM

SCOPES OF STRUCTURE SEARCHING

The scope of Structure Searches is always the full DCR file segment. Structure Search SDIs are executed in the weekly update portion of the file that contains all DCR structures that have been newly cited in the bibliographic file segment in that week.

Scope	Definition	Search Code	Search Examples
Full Sample (default)	Search 100% of the file Search a fixed 10% of the file	FUL SAM	S L5 OR L8 SSS S L6 SSS SAM

DWPI COMPOUND NUMBERS (/DCN) THESAURUS

For DWPI Compound Numbers (/DCN), the USE/UF relationships are available to see the definitions. All relationship codes can be used with both the EXPAND and SEARCH commands.

Field	Relationship Code	Content	Example
/DCN	ALL UF USE	All associated terms (SELF, USE, UF) Used for terms (SELF, UF) Use terms (SELF, USE)	E R09609+ALL/DCN E R22401+UF/DCN E ACETIC ACID+USE/DCN

MANUAL CODES THESAURI (EPI)

Field	Relationship Code	Content	Example
/MC	ALL AUTO 1) BT NT	All Associated Terms (BT, SELF, HNTE, DEF, NT) Automatic Relationship (SELF, HNTE, DEF) Broader Terms (BT, SELF) Narrower Terms (NT, SELF)	E A03-A04A1+ALL/MC E S01-B05+AUTO/MC E S06-B02A+BT/MC S S06-B02+NT/MC

1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

DWPI TITLE TERMS

For the DWPI Title Terms, the preferred and controlled spelling of the words that occur in the title, the USE/UF (Used For) relationship is available for both the EXPAND and SEARCH commands. The automatic relationship is SET ON by default, so that forbidden terms will cause automatic retrieval of the preferred terms in a SEARCH.

Field	Relationship Code	Content	Example
/TT	ALL AUTO 1) UF USE	All Associated Terms (SELF, USE, UF) Automatic Relationship (SELF, USE) Used for (Preferred and Forbidden Terms - SELF, UF) Use (Forbidden and Preferred Terms - SELF, USE)	E ABLATION+ALL/TT S ABLATE+AUTO/TT E FABRICATE+UF/TT S FABRICATED+USE/TT

1) Automatic Relationship is SET OFF. In case of SET REL ON the result of EXPAND or SEARCH without any relationship code is the same as described for AUTO.

PATENT ASSIGNEE CODE DICTIONARY

The list of Thomson Reuters (Scientific) Ltd.-assigned company codes for patent assignees matched with company names is available in field /PACO. This feature allows you to easily and comprehensively identify the company names associated with a code, or to identify the code(s) used for a company name. Expanding in field /PACO (Patent Assignee Code) provides the alphabetical list of codes, single words and the full name from the company field (/PA). Each code is listed with its frequency in field /PACO and with the number of associated terms (AT) in the dictionary.

Field	Relationship Code	Content	Example
/PACO	ALL DEF	All patent assignee code(s) defined for the name All name definitions for the given code	E BAYER+ALL/PACO E FARB+DEF/PACO

IPC THESAURUS

The classifications and catchwords for the main headings and subheadings from the current (8th) edition of the WIPO International Patent Classification (IPC) manual are available. The classifications from the previous editions (1-7) are also available as separate thesauri. To EXPAND and SEARCH in the thesauri for editions 1-7, use the field code followed by the edition number, e.g., /IPC2, for the 2nd edition. Catchwords are included only in the thesauri for the 8th, 7th, 6th, and 5th editions.

Relationship Code	Content	Example
ADVANCED (ADV)	Advanced Codes for the Core Level IPC code	E A61K006-02+ADV/IPC
ALL	All Associated Terms (BT, SELF, NT, RT)	E C01C003-00+ALL/IPC
BRO (MAN)	Complete Class	E C01C+BRO/IPC
BT	Broader Term (SELF, BT)	E C01F001-00+BT/IPC
CORE (COR)	Core Codes for the Advanced Level IPC code	E C03B0001-02+COR/IPC
ED	Complete title of the SELF term and IPC manual edition	E C01F001-00+ED/IPC
HIE	Hierarchy Term (Broader and Narrower Term) (BT, SELF, NT)	E C011003-00+HIE/IPC
INDEX	Complete title of the SELF term	E C01F001-00+INDEX/IPC
KT	Keyword Term (catchwords) (SELF, KT)	E CYANOGEN+KT/IPC
NEXT	Next Classification	E C01C001-00+NEXT5/IPC
NT	Narrower Terms (SELF, NT)	E C01C+NT/IPC
PREV	Previous Classification	E C01C001-12+PREV10/IPC
RT (SIB)	Related Terms (SELF, RT)	E C01C003-20+RT/IPC
TI	Complete Title of the SELF Term and Broader Terms (BT, SELF)	E C01F001-00+TI/IPC

DISPLAY AND PRINT FORMATS

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

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

More information about display fields for specific types of information is available by typing one of the following 'HELP' commands at an arrow prompt (=>) in the WPINDEX file:

HELP DFIELDS	-	lists all valid custom formats
HELP EFIELDS	-	lists all selectable fields
HELP FORMATS	-	lists valid predefined formats
HELP SRTFIELDS	-	lists valid sort fields

DISPLAY AND PRINT FORMATS (continued)

Format	Definition	Examples
AB	Abstract (Basic)	D TI PA AB
ABEQ	Abstract, Equivalent	D ABEQ
ACTN	Mechanism of Action	D ACTN
ACTV	Activity	D ACTV
ADT	Application Details	D ADT
ADT.B	Application Details, Basic	D 1-5 ADT.B
ADV	Advantage	D ADV
AI (AP,AI.B)	Application Information	D AI PI
ALE	Alerting Abstract, First Section	D ALE
AN	Accession Number	D AN
ANX	Crossover Accession Number	D ANX
AW	Additional Words	D AW
CC	Classification Code (Substance Descriptor)	D CC
CMC	Chemical Code	D CMC
CR (XR)	Cross Reference	D AN CR
CYC	Country Count	D CYC
DC	DWPI Class	D DC
DCN	DWPI Compound Number	D DCN
DN	Document Number (DNC and DNN)	D DN
DNC	Document Number CPI	DISPLAY DNC
DNN	Document Number Non CPI	D DNN
DRN	DWPI Registry Number	D DRN
DRWN	Number of Drawings	D DRWN
DS	Designated State	D DS
DUPD	DWPI Update	D DUPD
ED	Entry Date	D ED
EPC (ECLA, EPCLA)	European Patent Classification	D EPC
FA	Field Availability	D FA
FDT	Filing Details	D FDT
FS	File Segment	D FS
GI	Graphic Information	D GI
GINF (GIS)	Graphic Image(s) Information	D GINF
IC	International Patent Classification	D TI PA IC
ICA	IPC, Additional (Supplementary)	DISPLAY ICA
ICI	IPC, Index (Complementary)	D ICI
ICM	IPC, Main	D ICM
ICO	Index Codes (EPO)	D ICO
ICS	IPC, Secondary	D ICS
IN (AU)	Inventor	D IN
IPCI	IPC, Initial	D IPCI
IPCR	IPC, Reclassified	D IPCR
KS	Plasdoc Key Serials	D KS
KW (IT)	Keyword Indexing (incl. DCR numbers)	D KW
MC	Manual Code	D MC
NCL	US National Patent Classification	D NCL
NOV	Novelty	D NOV
PA (CS)	Patent Assginee (incl. code)	D IN PA PI
PATS	Patent Number Group	D PATS
PI (PATS,PN)	Patent Information	D PI
PI.B (PN.B)	Patent Information, Basic	D PI.B
PIA	Patent Information Abbreviated	D PIA
PIA.B	Patent Information Abbreviated, Basic	D PIA.B
PNC	Patent Number Count	D PNC

- 1) Application, priority and patent numbers are available in DERWENT and STN format. The format for DISPLAY, PRINT, SELECT and SORT is controlled by the Messenger SET PATENT command. The STN format is default. 'SET PAT DERWENT' changes (permanently) to the DERWENT format. To change to the STN format again, enter 'SET PAT STN'.
- 2) Any program that handles TIFF and JPEG (JPG) images compressed in Group 4 fax format, e.g., STN Express, may be used to capture graphic images from DISPLAY or they may be viewed directly on the screen during on STN on the Web session.

DISPLAY AND PRINT FORMATS (continued)

Format	Definition	Examples
PRAI (PRN) 1)	Priority Information	D PI PRAI
TECH	Technology Focus	D TECH
TI	Title	D TI
TT	Title Terms	D TT
UADV	Use/Advantage Section	D UADV
UP	Update Date	D UP AN
UPAB	Update Date Abstract	D UPAB
UPEQ	Update Date Equivalent	D UPEQ
UPGI	Update Date Graphic Image	D UPGI
UPIT (UPKW)	Update Date Index Terms	D UPIT
UPPA	Update Date Patent Assignee	D UPPA
UPPI	Update Date Patent Information	D UPPI
UPPR	Update Date Priority Information	D UPPR
UPS	Update Date SDI	D UPS
UPTI	Update Date Enhanced Title	D UPTI
USE	USE	D USE

- 1) Application, priority and patent numbers are available in DERWENT and STN format. The format for DISPLAY, PRINT, SELECT and SORT is controlled by the Messenger SET PATENT command. The STN format is default. 'SET PAT DERWENT' changes (permanently) to the DERWENT format. To change to the STN format again, enter 'SET PAT STN'.

BIBLIOGRAPHIC SEGMENT PREDEFINED FORMATS

Format	Definition	Examples
ABS	AN, CR, AB, UPAB, ABEQ	D TI PA ABS
ALL 1)	all invention level data available for a given record, excluding the Equivalent (ABEQ), Documentation (ABDT), and Extension (ABEX) abstracts and the chemical coding and polymer indexing: AN, CR, ANX, DNC, DNN, TI, DC, IN, PA, CYC, PI, ADT, FDT, PRAI, IPC, EPC, ICO, NCL, AB, FS, MC. Short compressed version.	
ALLG (ALLG.H) 1,2)	ALL, plus image	
DALL 1)	ALL, delimited for post-processing	D DALL
IALL 1)	ALL, indented with text labels	D IALL
IALLG (IALLG.H) 1,2)	ALLG, indented with text labels	
ANL	Accession Number List only	D ANL
APPS 1)	ADT, PRAI	
BASIC 1)	AN, CR, ANX, DNC, DNN, TI, DC, IN, PA, PNC, CYC, PI.B, ADT.B, PRAI, AB, UPAB, FS	
BIB 1)	AN, CR, DNC, DNN, TI, DC, IN, PA, CYC, PIA, ADT, FDT, PRAI	D BIB
IBIB 1)	BIB, indented with text labels	
BRIEF	AN, CR, ANX, DNC, DNN, TI, DC, PA, AB, UPAB	D BRIEF
BRIEFG (BRIEFG.H) 2)	BRIEF, plus image	D BRIEFG
IBRIEF	BRIEF, indented with text labels	D IBRIEF
IBRIEFG (IBRIEFG.H) 2)	BRIEFG, indented with text labels	D IBRIEFG
FAM 1)	PI, ADT, FDT, PRAI	D FAM

- 1) Application, priority and patent numbers are available in DERWENT and STN format. The format for DISPLAY, PRINT, SELECT and SORT is controlled by the Messenger SET PATENT command. The STN format is default. 'SET PAT DERWENT' changes (permanently) to the DERWENT format. To change to the STN format again, enter 'SET PAT STN'.
- 2) Any program that handles TIFF and JPEG (JPG) images compressed in Group 4 fax format, e.g., STN Express, may be used to capture graphic images from DISPLAY or they may be viewed directly on the screen during on STN on the Web session.

BIBLIOGRAPHIC SEGMENT PREDEFINED FORMATS (continued)

Format	Definition	Examples
FULL 1)	all invention level data available for a given record plus Technology Focus (TECH) and Documentation (ABDT) or Extension abstracts (ABEX), excluding the Equivalent abstracts (ABEQ) and the chemical coding: AN, CR, ANX, DNC, DNN, TI, DC, IN, PA, CYC, PI, ADT, FDT, PRAI, IPC, EPC, ICO, NCL, AB, FS, MC, TECH. Short compressed version. FULL, plus image	D FULL D FULLG
FULLG (FULLG.H) 1,2)		
IFULL 1)	FULL, indented with text labels	D IFULL
IFULLG (IFULLG.H) 1,2)	FULLG, indented with text labels	D IFULLG
CODE (IND) 1)	AN, DC, IPC, EPC, NCL, FTERM, MC, IT, CMC	D TI PA IND
IPC 1)	IC (ICM, ICS), ICA, ICI, IPCI, IPCR	D IPC
IPC.TAB 1)	International Patent Classification, Tabular Display	D IPC.TAB
MAX 1)	all invention level data available for a given record, including the chemical coding, and polymer indexing as well as Equivalent (ABEQ), AN, ED, CR, ANX, DNC, DNN, TI, AW, DC, IN, PA, CYC, PI, ADT, FDT, PRAI, IPC, EPC, ICO, NCL, AB, UPAB, SL, ABEQ, TECH, IT, FS, MC, CMC	D MAX
MAXG 1,2)	MAX, plus GI, GINF	D MAXG
IMAX 1)	MAX, indented with text labels	D IMAX
IMAXG 1,2)	MAXG, indented with text labels	D IMAXG
PATS 1)	PI, FDT	D PATS
SCAN 3)	TI (random display, no answer numbers)	
STD 1)	AN, CR, DNC, DNN, TI, DC, IN, PA, CYC, PI, ADT, FDT, PRAI, IPC (STD is the default)	D STD CMC
ISTD 1)	STD, indented with text labels	D ISTD
SUM	AN, TI, NOV	D SUM
TRIAL (TRI, SAMPLE, SAM)	AN, CR, ANX, DNC, DNN, TT, DC, IPC, EPC, ICO, MC	D TRI
UPP	Update Patent Family (contains date plus patent family information)	D UPP
HIT	Hit-term(s) and field(s)	D HIT
KWIC	Up to 50 words before and after hit-term(s) (KeyWord-In-Context)	D KWIC
OCC	Number of occurrences of hit-term(s) and field(s) in which they occur	D OCC

- 1) Application, priority and patent numbers are available in DERWENT and STN format. The format for DISPLAY, PRINT, SELECT and SORT is controlled by the Messenger SET PATENT command. The STN format is default. 'SET PAT DERWENT' changes (permanently) to the DERWENT format. To change to the STN format again, enter 'SET PAT STN'.
- 2) Any program that handles TIFF and JPEG (JPG) images compressed in Group 4 fax format, e.g., STN Express, may be used to capture graphic images from DISPLAY or they may be viewed directly on the screen during on STN on the Web session.
- 3) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

ADDITIONAL DWPI INDIVIDUAL PATENT PUBLICATION (often First Level Data) DISPLAY AND PRINT FORMATS

Format	Definition	Examples
ABDE	Abstract, Original, in German	D ABDE
ABEN	Abstract, Original, in English	D ABDE
ABFR	Abstract, Original, in French	D ABEN
AG	Agent	D ABFR
AG.T	Agent, Total	
AGA	Agent Address	D AG.T
AN.PUB	Accession Number, Publication Level	D AN.PUB
APTS	Application Information, Thomson Reuters (Scientific) Ltd.	
CLM	Claims (CLMEN, CLMDE, CLMFR)	D CLM

ADDITIONAL DWPI INDIVIDUAL PATENT PUBLICATION (often First Level Data) DISPLAY AND PRINT FORMATS (continued)

Format	Definition	Examples
CLMDE 1)	Claims, German Language	D CLMEN D CLMFR
CLMEN 1)	Claims, English Language	
CLMFR 1)	Claims, French Language	
FS.M	File Segment (Individual Patent Publication Section)	
GI.M	Graphic Information, Member Patent	D GI.M
IIC	Initial International Patent Classification (ICM, ICS)	D IIC
IICA	Initial IPC, Additional (supplementary)	
IICI	Initial IPC, Index (complementary)	D IICI
IICM	Initial IPC, Main	
IICS	Initial IPC, Secondary	D IICS
IN.T	Inventor, Total	D IN.T
INA	Inventor Address	
INCL	National Classification, Issued	
INO	Inventor, Original	D INO
IPC.TAB.M	IPC, Tabular Display	D IPC.TAB.M
MCLM (CLM)	Main Claim	
PA.T	Patent Assignee, Total	
PAA	Patent Assignee Address	
PAO	Patent Assignee, Original	
PRTS	Priority Application Information, Thomson Reuters (Scientific) Ltd.	
TIDE	Title, Original, in German	
TIEN	Title, Original, in English	
TIES	Title, Original, in Spanish	
TIFR	Title, Original, in French	D TIFR

1) Custom display only.

ADDITIONAL DWPI INDIVIDUAL PATENT PUBLICATION (often First Level Data) PREDEFINED FORMATS

Format	Definition	Examples
MEMB 1)	all additional publication level data available for a given record including original abstracts and claims, as well as fields showing publication level composition: PN, TIEN, TIDE, TIFR, TIES, AG, IN, INO, INA, PA, PAO, PAA, ADT, APTS, FDT, PRAI, PRTS, IPC, IIC, IICI, IICA, EPC.M, ICO.M, NCL.M, INCL, ABEQ, ABEN, ABDE, ABFR, CLM, UPCL, FS.M	D MEMB
MEMBG 1,2)	MEMB, short compressed version, plus image	
MEMB(#) 1)	MEMB, where # = number of the patent publication in the family	
MEMBB 1)	all additional publication level data available for a given record including original abstracts and claims, as well as fields showing publication level composition: PN, TI, TIEN, TIDE, TIFR, TIES, AG.T, IN.T, PA.T, ABEN, ABDE, ABFR, CLMEN, CLMDE, CLMFR	
MEMBF 1)	all publication level data available for a given record AN, ED, CR, ANX, DNC, DNN, TI, TIEN, TIDE, TIFR, TIES, AW, DC, AG, IN, INO, INA, PA, PAO, PAA, CYC, PI, ADT, APTS, FDT, PRAI, PRTS, IPC, IIC, IICI, IICA, EPC.M, ICO.M, NCL.M, INCL, AB, ABEQ, TECH, ABDE, ABEN, ABFR, CLM, UPCL, IT, FS.M, MC, CMC	D MEMBF
MEMBFG 1,2)	MEMBF, plus image	
MEMBF(#) 1)	MEMBF, where # = number of the patent publication in the family	

1) Application , priority and patent numbers are available in DERWENT and STN format. The format for DISPLAY, PRINT, SELECT and SORT is controlled by the Messenger SET PATENT command. The STN format is default. 'SET PAT DERWENT' changes (permanently) to the DERWENT format. To change to the STN format again, enter 'SET PAT STN'.

2) Any program that handles TIFF and JPEG (JPG) images compressed in Group 4 fax format, STN Express, may be used to capture graphic images from DISPLAY or they may be viewed directly on the screen during on STN on the Web session.

CHEMISTRY RESOURCE SEGMENT DISPLAY AND PRINT FORMATS

Format	Definition	Examples
AN.S CMT CN CN.P CN.S DCSE EDCR MF MW SDCN SDRN SMF SRIN STR SY UPCR UPWX	Chemistry Resource Accession Number, Chemistry Resource Segment Comment Chemical Name Chemical Name, Preferred Chemical Name, Systematic Chemistry Resource Number, Chemistry Resource Segment Entry Date Chemistry Resource Molecular Formula Molecular Weight Structure Segment DWPI Compound Number Structure Segment DWPI Registry Number Standardized Molecular Formula Structure Segment Ring Index Number Chemical Structure Display Synonym Name Update Date DWPI Chemistry Resource Update Date DWPI Cross Reference	D AN.S D SCDN D SMF D UPWX

CHEMISTRY RESOURCE SEGMENT PREDEFINED FORMATS

Format	Definition	Examples
ALL (FULL) IALL (IFULL) MAX IMAX SCAN STD (IDE) ISTD TRIAL (TRI, SAMPLE, SAM) HIT HITCMC HITCODE HITPLC HITPLE HITSTR FRAGHITSTR KWIC OCC	AN.S, DCSE, CN, CN.S, STR, SCR, CMT, MF, SMF, MW, SRIN, SDCN, SDRN, CC, AA ALL, indented with text labels AN.S, DCSE, CN, CN.S, STR, SCR, CMT, MF, SMF, MW, SRIN, SDCN, SDRN, DDRN, DCRN, CC, CT, SS, MPC, AA, OS MAX, indented with text labels CN, CN.S, MF, STR (random display without answer numbers) AN.S, DCSE, CN, CN.S, STR, SCR, CMT, MF (STD is the default) STD, indented with text labels CN, CN.S, MF, MTY, STR Hit-term(s) and field(s) Hit chemical coding CMC, EPC, IPC, NCL, MC, PLC, PLE containing hit terms Hit polymer coding Hit polymer indexing DCR hit record which led to the retrieval of the bibliographic record hit record which led to the retrieval of bibliographic record 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 MAX D IMAX

1) SCAN must be specified on the command line, ie., D SCAN or DISPLAY SCAN.

SELECT, ANALYZE, AND SORT CODES

The SELECT command is used to create E-numbered or L-numbered lists of terms taken from the specified field(s) 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 alphanumeric (A) or numeric (N) order of the specified field(s).

SELECT, ANALYZE, AND SORT CODES (continued)

Definition	Code	Analyze/ Select 1)	Sort
Abstract (Basic)	AB	x	-
Application Country	AC	x	-
Mechanism of Action	ACTN	x	A
Activity	ACTV	x	A
Application Date	AD	x	-
Advantage	ADV	x	A
Alerting Abstract, First Section	ALE	x	A
Accession Number	AN	x	A
Crossover Accession Number	ANX	x	A
Application Number	AP (AI, ADT)	x 2)	-
Application Number, Year	AP.YR	x	-
Application Number Group	APPS	x 2)	A
Additional Words	AW	x 3)	A
Application Year	AY	x	-
Cross Reference	CR (XR)	x	A
Country Count	CYC	x	N
DWPI Class	DC	x	A
Document Number	DN	x 4)	-
Document Number CPI	DNC	x	A
Document Number Non CPI	DNN	x	A
DWPI Registry Number	DRN	x	-
Number of Drawings	DRWN	x	A
Designated State	DS	x	A
DWPI Update	DUPD	x	N
DWPI Week	DW	x 5)	N
DWPI Week, Basic	DW.B	x 5)	-
Entry Date	ED	x	N
European Patent Classification	EPC (ECLA, EPCLA)	x	-
Filing Details	FDT	x	-
Filing Details, Patent Country	FDT.PC (RLPC)	x	-
Filing Details, Patent Number	FDT.PN (RLPN)	x	-
Filing Details, Patent Kind	FDT.PK (RLPK)	x	-
Filing Details, Type	FDT.TP	x	-
File Segment	FS	x	A
Graphic Information Size	GIS	x	-
IPC, Main and Secondary	IC	x	A
IPC, Additional (supplementary)	ICA	x	A
IPC, Index (complementary)	ICI	x	A
IPC, Main	ICM	x	A
Index Codes (EPO)	ICO	x	A
IPC, Secondary	ICS	x	-
Inventor	IN (AU)	x	A
National Classification, Issued	INCL	x	A
National Classification, Issued (main)	INCLM	x	-
National Classification, Issued (secondary)	INCLS	x	A
International Patent Classifications (ICM, ICS, ICA, ICI, IPCI, IPCR, IICM, IICS, IICA, IICI)	IPC	x	-
IPC Advanced Level	IPC.A	x 6)	-
IPC Advanced Level, Invention	IPC.AI	x 6)	-

- 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) SELECTed, ANALYZed and SORTed application, priority and patent numbers are in the format set by the Messenger SET PATENT command, either DERWENT or STN.
- 3) Appends /TT to the terms created by SELECT.
- 4) Selects or analyzes DNC and DNN with /DN appended to the terms created by SELECT.
- 5) SELECT HIT or ANALYZE HIT are not valid with this field.
- 6) Appends /IPC to the terms created by SELECT.

SELECT, ANALYZE, AND SORT CODES (continued)

Definition	Code	Analyze/ Select 1)	Sort
IPC Core Level	IPC.C	x 6)	-
IPC Core Level, Invention	IPC.CI	x 6)	-
IPC, Main or First	IPC.F	x 6)	A
IPC Reform	IPC.REF	x	-
IPC, Initial	IPCI	x 7)	-
IPC, Reclassified	IPCR	x 7)	-
Language	LA	x 5)	-
Manual Code	MC	x	A
Markush Compound Number	MCN	x	A
US National Patent Classification, Current	NCL	x	A
US National Patent Classification, Current (main)	NCLM	x 9)	-
US National Patent Classification, Current secondary)	NCLS	x 9)	-
Novelty	NOV	x	A
Occurrence Count of Hit Terms	OCC	-	N
Patent Assignee	PA (CS)	x	A
Patent Assignee Code	PACO	x	A
Patent Number Group	PATS	x 2)	A
Patent Assignee Code and Name	PAX	x	-
Patent Country	PC	x	-
Patent Country, Basic	PC.B	x	A
Patent Countries	PCS	x	-
Publication Date	PD	x	N
Publication Date, Basic	PD.B	x	N
Patent Information Abbreviated	PIA	x 10)	-
Patent Information Abbreviated, Basic	PIA.B	x 11)	A
Patent Kind Code	PK	x	A
Patent Kind Code, Basic	PK.B	x	A
Polymer Indexing Enhanced	PLE	x	-
Patent Number	PN (PATS,PI)	x 2)	A
Patent Number, Basic	PN.B (PI.B)	x 2)	A
Patent Number Count	PNC	x	N
Priority Information	PRAI (PRN)	x 2)	A
Priority Country	PRC	x	-
Priority Date	PRD	x	-
Priority Date First	PRDF	x	N
Priority Year	PRY	x	N
Priority Year First	PRYF	x	-
Publication Year	PY	x	N
Publication Year, Basic	PY.B	x	N
Subclass Group	SCG	x 12)	-
Subclass Group Additional	SCGA	x 13)	-
Subclass Group Main	SCGM	x 14)	-
Subclass Group Secondary	SCGS	x 15)	-
Subclass	SCL	x 12)	-
Subclass Additional	SCLA	x 13)	-
Subclass Main	SCLM	x 14)	-

- 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 T1.
- 2) SELECTed, ANALYZed and SORTed application, priority and patent numbers are in the format set by the Messenger SET PATENT command, either DERWENT or STN.
- 5) SELECT HIT or ANALYZE HIT are not valid with this field.8) Appends /IPC.REF to the terms created by SELECT.
- 6) Appends /IPC to the terms created by SELECT.
- 7) Appends /IPC.REF to the terms created by SELECT.
- 9) Appends /NCL to the terms created by SELECT.
- 10) Selects or analyzes patent numbers with /PN appended to the terms created by SELECT.
- 11) Selects or analyzes basic patent numbers with /PN.B appended to the terms created by SELECT.
- 12) Appends /IC to the terms created by SELECT.
- 13) Appends /ICA to the terms created by SELECT.
- 14) Appends /ICM to the terms created by SELECT.
- 15) Appends /ICS to the terms created by SELECT.

SELECT, ANALYZE, AND SORT CODES (continued)

Definition	Code	Analyze/ Select 1)	Sort
Subclass Secondary	SCLS	x 15)	-
Technology Focus	TECH	x	-
Title	TI	x (default)	A
Title Terms	TT	x	-
Use/Advantage Section	UADV	x	N
Update Date	UP	x	N
Update Date Abstract	UPAB	x	N
Update Date Graphic Image	UPGI	x	N
Update Date Index Terms	UPIT (UPKW)	x	N
Update Date Patent Family	UPP	x	N
Update Date Patent Assignee	UPPA	x	N
Update Date Patent Information	UPPI	x	N
Update Date Priority Information	UPPR	x	N
Update Date Enhanced Title	UPTI	x	N
Use Section	USE	x	A

- 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.
 15) Appends /ICS to the terms created by SELECT.

ADDITIONAL DWPI INDIVIDUAL PATENT PUBLICATION (often First Level Data) SELECT, ANALYZE, AND SORT CODES (continued)

Definition	Code	Analyze/ Select 1)	Sort
Abstract, Original, in German	ABDE	x 2)	-
Abstract, Original, in English	ABEN	x 2)	-
Abstract, Original, in French	ABFR	x 2)	-
Agent	AG	x	A
Agent, Total	AG.T	x	A
Agent Address	AGA	x	A
Agent Address, Country	AGA.CNY	-	A
Agent Address, City	AGA.CTY	x	A
Accession Number, Publication Level	AN.PUB	x	-
Application Information, Thomson Reuters (Scientific) Ltd.	APTS	x	-
Claims, German Language	CLMDE	x 2)	-
Claims, English Language	CLMEN	x 2)	-
Claims, French Language	CLMFR	x 2)	-
Number of Claims	CLMN	x	-
Field Availability (Individual Patent Publication Section)	FA.M	x	-
File Segment (Individual Patent Publ. Section)	FS.M	x	x
International Patent Classification, Initial	IIC	x	x
IPC, Initial, Additional (supplementary)	IICA	x	A
IPC, Initial, Index (complementary)	IICI	x	A
Inventor, Nationality	IN.NAT	x	A
Inventor, Total	IN.T	x	A
Inventor Address	INA	x	A
Inventor Address, Country	INA.CNY	x	A
Inventor Address, City	INA.CTY	x	A
National Classification, Issued	INCL	x	A

- 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 TIDE.
 2) Appends /BIEX to the terms created by SELECT.

**ADDITIONAL DWPI INDIVIDUAL PATENT PUBLICATION (often First Level Data)
SELECT, ANALYZE, AND SORT CODES (continued)**

Definition	Code	Analyze/ Select 1)	Sort
Inventor, Original	INO	x	A
Initial IPC, Subclass Group	ISCG	x	-
Initial IPC, Subclass Group Additional	ISCGA	x	-
Initial IPC, Subclass Group Secondary	ISCGS	x	-
Initial IPC, Subclass	ISCL	x	-
Initial IPC, Subclass Additional	ISCLA	x	-
Initial IPC, Subclass Main	ISCLM	x	-
Main Claim	MCLM (CLM)	x	-
Patent Assignee, Nationality	PA.NAT	x	A
Patent Assignee, Limitation	PA.LIM	x	A
Patent Assignee, Residence	PA.RES	x	A
Patent Assignee, Total	PA.T	x	A
Patent Assignee Address	PAA	x	A
Patent Assignee Address, Country	PAA.CNY	x	A
Patent Assignee Address, City	PAA.CTY	x	A
Patent Assignee, Original	PAO	x	A
Priority Application Information, Thomson Reuters (Scientific) Ltd.	PRTS	x	-
Title, Original, in German	TIDE	x	A
Title, Original, in English	TIEN	x	A
Title, Original, in Spanish	TIES	x	A
Title, Original, in French	TIFR	x	A
Update Date Claims	UPCL	x	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 TIDE.

CHEMISTRY RESOURCE SEGMENT, SELECT, ANALYZE, AND SORT CODES

Definition	Code	Analyze/ Select 1)	Sort
Chemistry Resource Accession Number, Chemistry Resource Segment	AN.S	x	-
Classification Code (Substance Descriptor)	CC	x	-
Comment	CMT	x	-
Chemical Name	CN (SY)	x 2)	-
Chemical Name, Preferred	CN.P	x	-
Chemical Name, Systematic	CN.S	x	-
DWPI Compound Number	DCN	x	-
Chemistry Resource Number, Bibliographic Segment	DCRE	x	A
Chemistry Resource Number, Chemistry Resource Segment	DCSE	x	A
Entry Date Chemistry Resource	EDCR	x	N
Keyword Indexing (incl. Chemistry Resource Segment Numbers)	KW	x	-
Molecular Weight	MW	x	N
Structure Segment DWPI Compound Number	SDCN	x	A
Structure Segment DWPI Registry Number	SDRN	x	A
Standardized Molecular Formula	SMF	x	-
Structure Segment Ring Index Number	SRIN	x	-
Synonym Name	SY (CN)	x	-
Update Date Chemistry Resource	UPCR	x	N
Update Date DWPI Cross Reference	UPWX	x	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 CN.

2) Selects or analyzes CN.P and SY with /CN appended to the terms created by SELECT.

**SAMPLE RECORDS
DISPLAY IFULLG**

ACCESSION NUMBER: 2000-430976 [37] WPIDS
 DOC. NO. CPI: C2000-130861 [37]
 DOC. NO. NON-CPI: N2000-321671 [37]
 TITLE: Self-healing roll for surface conditioning of sheets,
 e.g. metal sheets, has non-woven web elements comprising
 entangled fibers held together by a bonding agent
 DERWENT CLASS: A88; F04; M12; P51; P73; Q62
 INVENTOR: BARBER L L; YOUNG J B
 PATENT ASSIGNEE: (MINN-C) 3M INNOVATIVE PROPERTIES CO
 COUNTRY COUNT: 20

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG	MAIN IPC
WO 2000030778	A1	20000602	(200037)*	EN	25[3]	B21B045-02
EP 1135220	A1	20010926	(200157)	EN		B21B045-02
US 6300261	B1	20011009	(200162)	EN		D04H001-00
EP 1135220	B1	20020904	(200266)	EN		B21B045-02
DE 69902811	E	20021010	(200274)	DE		
JP 2002530544	W	20020917	(200276)	JA	24	D04H001-58

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
WO 2000030778	A1	WO 1999-US24138	19991014
US 6300261	B1	US 1998-197132	19981120
DE 69902811	E	DE 1999-69902811	19991014
EP 1135220	A1	EP 1999-952014	19991014
EP 1135220	B1	EP 1999-952014	19991014
DE 69902811	E	EP 1999-952014	19991014
EP 1135220	A1	WO 1999-US24138	19991014
EP 1135220	B1	WO 1999-US24138	19991014
DE 69902811	E	WO 1999-US24138	19991014
JP 2002530544	W	WO 1999-US24138	19991014
JP 2002530544	W	JP 2000-583649	19991014

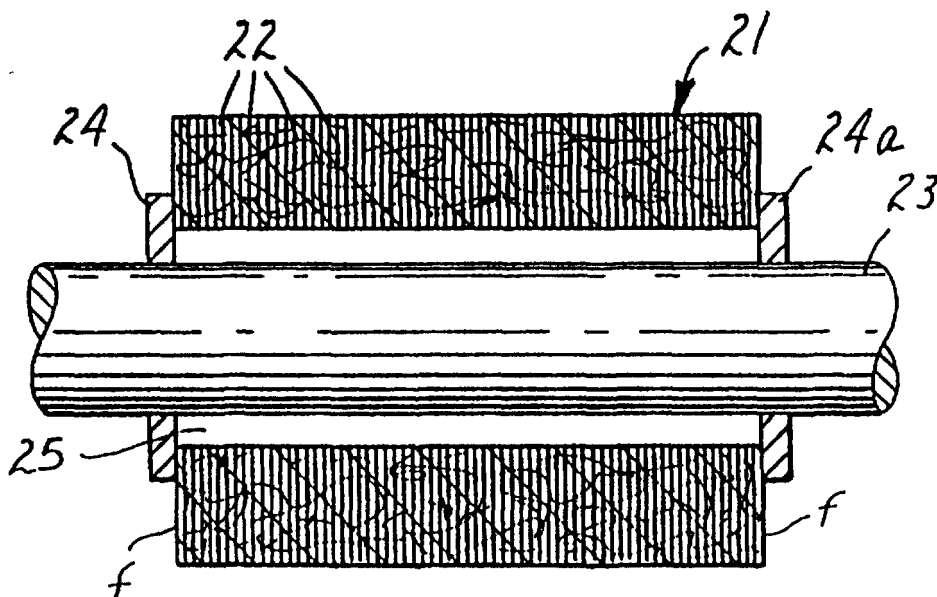
FILING DETAILS:

PATENT NO	KIND	PATENT NO
DE 69902811	E	Based on EP 1135220 A
EP 1135220	A1	Based on WO 2000030778 A
EP 1135220	B1	Based on WO 2000030778 A
DE 69902811	E	Based on WO 2000030778 A
JP 2002530544	W	Based on WO 2000030778 A

PRIORITY APPLN. INFO: US 1998-197132 19981120

INT. PATENT CLASSIF.:

MAIN: D04H-001/58
 IPC RECLASSIF.: B21B-0045/02 [I,A]; B21B-0045/02 [I,C]; B32B-0005/22
 [I,C]; B32B-0005/26 [I,A]; C23G-0003/02 [I,A];
 C23G-0003/02 [I,C]; D04H-0001/58 [I,A]; D04H-0001/58
 [I,C]; F16C-0013/00 [I,A]; F16C-0013/00 [I,C]
 ECLA: B21B0045-02R4L; B32B0005-26; B32B0037-00; C23G0003-02T6;
 F16C0013-00
 ICO: L32B0031:00D2; L32B0305:20; L32B0309:12
 USCLASS NCLM: 442/328.000
 NCLS: 428/912.000; 442/329.000; 442/337.000; 442/417.000



BASIC ABSTRACT:

WO 2000030778 A1 UPAB: 20060116

NOVELTY - A self-healing article e.g. in the form of roll (21) comprises several compacted stacked web elements (22) having entangled fibers bonded together at points of mutual contact by a bonding agent. The article is resistant to an oxidizing agent and has a Shore A hardness of 70-93 and a void volume of 2-30%.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a method of making a self-healing and non-woven article comprising (i) providing several non-woven web elements comprising entangled fibers bonded at points of mutual contact by a bonding agent; (ii) stacking into a pile; (iii) compacting under a compaction force; and (iv) restraining the pile to form the self-healing article.

USE - For surface conditioning of sheets, e.g. metal sheets.

ADVANTAGE - The invention provides a self-healing article resistant to oxidizing agents having an increased life span. If used, results in fewer roll replacements and unscheduled production line downtimes. Chances of chemical contamination between treating solutions are also minimized.

DESCRIPTION OF DRAWINGS - The figure shows a partial cross-sectional view of a roll disposed on a keyed shaft.

Roll (21)

Compacted stacked non-woven web elements (22)

TECHNOLOGY FOCUS:

POLYMERS - Preferred Agent: The bonding agent is nitrile rubber, polychloroprene, styrene butadiene rubber, polysulfide, silicone and/or polyepichlorohydrin (preferably nitrile rubber having a glass transition temperature of -30 - 10 degreesC).

METALLURGY - Preferred Method: The non-woven web is added with water prior to compacting.

FILE SEGMENT:

CPI; GMPI

MANUAL CODE:

CPI: A11-B05; A11-C05A; A12-H11; A12-S05G; A12-S05U;
F02-C01; F02-C02B1; M12-A04

DISPLAY MEMB(1)

Member(0001)

PI WO 2000030778 A1 20000602 (200037)* EN 25ã3î B21B-45/02

TIEN SELF-HEALING ARTICLES RESISTANT TO OXIDIZING AGENTS

TIFR ARTICLES DE REGENERATION RESISTANT AUX AGENTS D'OXYDATION

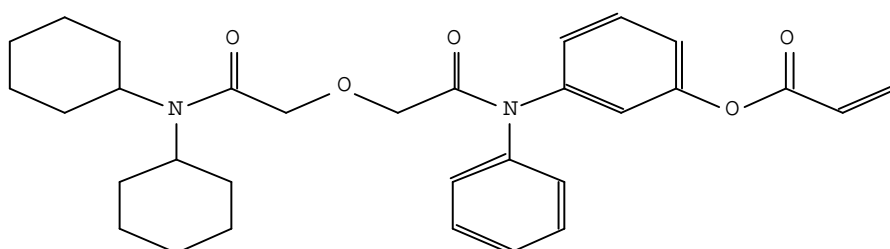
AG BUSSE, Paul, W.

AGA: 3M Innovative Properties Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427, US

IN YOUNG J B
 INO: YOUNG, John, B.
 INA: P.O. Box 33427, Saint Paul, MN 55133-3427, US
 BARBER L L
 INO: BARBER, Loren, L.
 INA: P.O. Box 33427, Saint Paul, MN 55133-3427, US
 PA (MINN-C) 3M INNOVATIVE PROPERTIES CO
 PAO: 3M INNOVATIVE PROPERTIES COMPANY
 PAA: 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427, US
 Residence: US
 Nationality: US
 ADT WO 2000030778 A1 WO1999-US24138 19991014
 APTS 1999WO-US0024138
 PRAI US1998-197132 19981120
 PRTS 1998US-000197132
 IC ICM B21B045-02
 ICS B32B003-08; B32B005-26; B32B031-10; B32B033-00; C23G003-02;
 D04H013-00; F16C013-00
 IIC IICM B21B045-02
 IICS B32B003-08; B32B005-26; B32B031-10; B32B033-00; C23G003-02;
 D04H013-00; F16C013-00
 ABEN Self-healing articles resistant to oxidizing agents and useful for surface conditioning of sheets, especially metal sheets, are described. The articles (21) comprise a plurality of compacted, stacked non-woven web elements (2, 22), the web elements each comprising entangled fibers bonded together at points of mutual contact by a bonding agent. The article is resistant to an oxidizing agent or agents, has a Shore A hardness in the range of 70 to 93 and a void volume in the range of 2 to 30 percent. The non-woven articles can be configured into any of a variety of convenient and useful shapes, such as roll shapes, slab or bar shapes. The methods of making these articles are also described.
 ABFR L'invention porte sur des articles de regeneration resistant aux agents d'oxydation et utiles pour le conditionnement en surface de feuilles, notamment de feuilles metalliques. Les articles (21) comprennent une pluralite d'elements (2, 22) de bande non tissee empiles, comprimes, comprenant chacun des fibres enchevetrees reliees en des points de contact mutuels par un agent de liaison. L'article est resistant aux agents d'oxydation, a une durete Shore A comprise entre 70 et 93 et un volume vide compris entre 2 et 30%. Les articles non tisses peuvent avoir une variete de formes pratiques et utiles telles que des rouleaux, des plaques et des barres. L'invention porte egalement sur des procedes de fabrication de ces articles.

DISPLAY ALL DCR SEGMENT

AN.S ***DCR*** -1000003
 DCSE 1000003-0-0-0
 CN.S Acrylic acid 3-({[(dicyclohexylcarbamoyl)-methoxy]-acetyl}-phenyl-amino)-phenyl ester



MF C31 H38 N2 O5
SMF C31 H38 N2 O5 *1; TOTAL *1; TYPE *1
MW 518.6589
SDCN RAG9YE
CC UNSATURATED FATTY ACIDS