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Search and Display Features

Quick Reference Card

You have many options for searching information in CA on STN.
Use this card as a quick reference tool to find:

- the search fields corresponding to display fields in patent and non-patent documents
- special features of main search fields
- selected display formats

A Journal Record

AN	120:234740 CA Full-text	/AN
ED	Entered STN: 30 Apr 1994	/ED
TI	Synthesis and crystal structure of the first titanium halide with isolated octahedral clusters, [Ti6C]Cl14	/TI, /BI
AU	Hinz, Dirk J.; Meyer, Gerd	/AU
CS	Inst. Anorg. Chem., Univ. Hannover, Hannover, D-30167, Germany	/CS, /CYA
SO	Journal of the Chemical Society, Chemical Communications (1994), (2), 125-6 CODEN: JCCCAT; ISSN: 0022-4936	/SO, /JT, /PY, /NL, /IS /SO, /ISN
DT	Journal	/DT
LA	English	/LA
CC	78-7 (Inorganic Chemicals and Reactions) Section cross-reference(s): 75	/CC /SX
AB	[Ti6C]Cl14 is obtained as black, single crystals through metallothermic reduction of TiCl3 with Na in the presence of a C source and crystallizes isostructurally with [Zr6C]Cl14 and [Nb6.box.]Cl14. The crystal structure of the complex was determined	/AB, /BI
ST	crystal structure titanium carbido chloro cluster	/ST, /BI
IT	Crystal structure Molecular structure (of titanium carbido chloro cluster)	/CT, /CW, /IT, /BI
IT	Cluster compounds, coordinative RL: RCT (Reactant); RACT (Reactant or reagent) (titanium, chloro with interstitial carbide)	/RL
IT	7440-44-0, Carbon, reactions RL: RCT (Reactant); RACT (Reactant or reagent) (metallothermic reduction of titanium chloride by sodium in presence of)	
IT	7705-07-9, Titanium trichloride, reactions RL: RCT (Reactant); RACT (Reactant or reagent) (metallothermic reduction of, by sodium in presence of carbon)	
	:	
	:	

Special Features of Selected General Fields

Field Name	Field Code	Special Features	Examples
Basic Index (contains single words from TI, AB, ST, IT)	None (/BI)	<ul style="list-style-type: none"> Left and right truncation EXPAND LEFT Implied (W) proximity (S) to restrict to subfields (TI, AB sentence, ST unit, IT unit) 	S ?THERM? E LEFT THERM S CRYSTAL STRUCTURE S ?STRUCTUR? (S) TITANIUM
Author Name	/AU	<ul style="list-style-type: none"> No punctuation in EXPAND or SEARCH (S) to search names of editors 	S HINZ DIRK?/AU S HINZ DIRK J/AU S (DUCHEYNE P?(S)EDITOR#)/AU
Corporate Source (includes name and location)	/CS	<ul style="list-style-type: none"> All data searched as single words Implied (S) proximity Bound phrases searched using quotes 	S GERMANY/CS S UNIV HANNOVER/CS S "INST ANORG"?/CS
Source (includes all publication data)	/SO	<ul style="list-style-type: none"> Single terms Implied (W) proximity 	S 1994/SO S J CHEM SOC CHEM/SO
Journal Title	/JT	<ul style="list-style-type: none"> Complete name searched as bound phrase 	S J CHEM SOC CHEM COMMUN/JT
Index Term	/IT	<ul style="list-style-type: none"> Implied (W) proximity (S) to restrict to same index entry No stopwords 	S CRYSTAL STRUCTURE/IT S (7705-07-9 (S) REDN OF)/IT S REDN OF TITANIUM/IT
Controlled Term	/CT	<ul style="list-style-type: none"> Controlled heading searched as bound phrase 	S MOLECULAR STRUCTURE/CT S CLUSTER COMPOUNDS?/CT
Roles	/RL	<ul style="list-style-type: none"> Follow a CAS Registry Number[®] or an index heading for a class of compounds by a slash and a role code 	S 7705-07-09/RCT S CLUSTER COMPOUNDS/RCT

A Patent Record

AN 141:373612 CA Full-text /AN
 ED Entered STN: 18 Nov 2004 /ED
 TI Method for producing film of semiconductive metal oxide /TI, /BI
 IN Martinotto, Luca; Pelizzoni, Andrea; Sin, Xicola Agustin /IN, /AU
 PA Pirelli & C. S.P.A., Italy /PA, /CS
 SO PCT Int. Appl., 14 pp. /SO
 CODEN: PIXXD2 /ISN
 DT Patent /DT
 LA English /LA
 IC ICM B01J035-00 /ICM, /IC, /IPC, /MGR
 ICS B01J037-02; B01J037-03; B01J037-10 /ICS, /IC, /IPC, /SGR
 CC 76-3 (Electric Phenomena) /CC
 Section cross-reference(s): 67, 74
 FAN.CNT 2 /SX

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
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PI WO 2004089543	A1	20041021	WO 2003-EP3333	20030331	/PN, /PATS, /PC, /PCS, /PK, /PD, /PY
W: US					
WO 2004087318	A1	20041014	WO 2004-EP3220	20040326	
	:				
	:				
PRAI WO 2003-EP3333	A	20030331			/PRN, /APPS, /PRC, /PRD, /PRY

CLASS
 PATENT NO. CLASS PATENT FAMILY CLASSIFICATION CODES

 WO 2004089543 ICM B01J035-00 /IC, /IPC, /ICM, /ICS
 ICS B01J037-02; B01J037-03; B01J037-10

AB The invention relates to a process for making a film of /AB, /BI
 semiconductive metal oxide with a major amount of nanosized
 photocatalytic crystalline phase, by depositing it in the
 presence of a hydrosol. organic polymer and a hydrolysable
 organic derivative of said metal, under non-destructive
 conditions.

ST deposition semiconductive metal oxide film photo catalyst /ST, /BI
 IT Colloids /CT, /CW, /IT, /BI
 Hydrolysis
 Nanoparticles
 Photolysis catalysts
 (deposition of semiconductive metal oxide film for
 photocatalyst material)
 :
 :

IT 13463-67-7, Titania, processes
 RL: DEV (Device component use); EPR (Engineering process); /RL
 PEP (Physical, engineering or chemical process); PROC
 (Process); USES (Uses)
 (deposition of semiconductive metal oxide film for
 photocatalyst material)

IT 64-19-7, Acetic acid, processes 25322-68-3, PEG
 RL: EPR (Engineering process); NUU (Other use,
 unclassified); PEP (Physical, engineering or chemical
 process); PROC (Process); USES (Uses)
 (deposition of semiconductive metal oxide film for
 photocatalyst material)
 :
 :

Special Features of Selected Patent Fields

Field Name	Field Code	Special Features	Examples
Inventor	/IN	<ul style="list-style-type: none"> No punctuation in EXPAND or SEARCH 	S TOKONAMI HIROSHI/IN
Patent Assignee (name and location)	/PA	<ul style="list-style-type: none"> All data searched as single words Implied (S) proximity Bound phrases searched using quotes 	S NIPPON/PA S NIPPON CHEMICAL/PA S "NIPPON SYNTHETIC"?/PA
Patent Number	/PN	<ul style="list-style-type: none"> STN or Derwent format 	S DE3939721/PN
Application Number	/AP	<ul style="list-style-type: none"> STN or Derwent format 	S DE89-3939721/AP S 89DE-3939721/AP
Priority Number	/PRN	<ul style="list-style-type: none"> STN or Derwent format 	S JP88-307225/PRN S 88JP-0307225/PRN

Super Search and Display Fields for Patents

Field Name	Field Code	Fields Searched	Display Code
International Patent Classifications	/IPC	/IC, ICA, /ICI	IPC (IC, ICA, ICI)
Patent Application and Priority Number	/APPS	/AP, /PRN	APPS (AI, PRAI)
Patent Application and Priority Number, Basic	/APPS.B	/AP.B, /PRN.B	APPS (AI, PRAI)
Patent Countries	/PCS	/PC, /DS	PI, DS
Patent Countries, Basic	/PCS.B	/PC.B, /DS.B	PI, DS
Patent Numbers	/PATS	/PN	PI, SO
Patent Numbers, Basic	/PATS.B	/PN.B	PI, SO

Selected Display Formats

The following formats may be used to display or print fields of data. In addition, you may DISPLAY or PRINT any of the individual fields from records in any order, for example, D L1 TI AU.

Description	Format Code	Content
Abstract	ABS	GI, AB
Accession Numbers	CAN	List of CA abstract numbers, without L-number headers
Bibliographic Information	BIB	AN, TI, AU, IN, CS, PA, SO, PI, DS, AI, PRAI, DT, LA, RE.CNT
	CBIB	Compressed display of bibliographic information
	IBIB	BIB, indented with text labels
Complete Record	ALL (or MAX)	BIB, ABS, IND
	DALL	ALL, delimited for post-processing
	IALL	ALL, indented with text labels
Indented Formats	IABS	ABS, indented with text labels
	IALL	ALL, indented with text labels
	IBIB	BIB, indented with text labels
	ISTD	STD, indented with text labels
Free format for browsing	SCAN	IC, ICA, ICI, NCL, CC, TI, ST, IT, RL; random display of answers, without answer numbers
Highlighted Formats	HIT	Fields containing hit terms
	HITIND	Index fields (ST and IT) containing hit terms
	HITRN	Hit CAS Registry Number, its role, and text modification
	HITSTR	Hit CAS Registry Number, its role, its CA index name, and the structure diagram
	KWIC OCC	Hit terms plus 20 words on either side Number of occurrences of hit terms and fields in which they occur
Indexing Formats	IND	IC, ICA, ICI, NCL, CC, ST, IT
	HITIND	Index fields (ST and IT) containing hit terms
	HITRN	Hit CAS Registry Number, its role, and text modification
	HITSTR	Hit CAS Registry Number, its role, its CA index name, and the structure diagram
Patent Formats	APPS	AI, PRAI
	IPC	ICM, ICS, ICA, ICI
	PATS	PI, SO
	STD	Standard format for patents (BIB, IPC, NCL)
Sample (low-cost browsing format)	SAM	IC, ICA, ICI, NCL, CC, TI, ST, IT (answers are numbered)

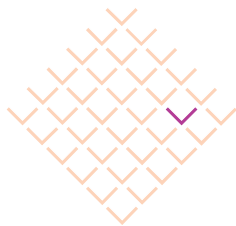
For more information

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