

## NTIS (National Technical Information Service)

- Subject Coverage**
- Administration and management
  - Agriculture and food
  - Aeronautics and aerodynamics
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  - Environmental pollution and control
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  - Nuclear science and technology
  - Ocean technology and engineering
  - Photography and recording devices
  - Physics
  - Propulsion and fuels
  - Urban and regional technology

**File Type** Bibliographic

**Features**

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Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>

**Record Content**

- Records contain bibliographic information, indexing, and an abstract

**File Size**

- 2.566.763 records

**Coverage** 1964-11/2014

**Updates** Closed file

**Language** English

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**Sources**

- Mainly reports of U.S. Federal Government Agencies
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**User Aids**

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

- AEROTECH
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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), uncontrolled term (UT) and CAS Registry Number (RN) fields)	None or /BI	S MOTORISTS S DRIVING HABIT# S DRIV?(2W)EXPER? S COAL(S)MINE# S PAT CL 110? S ANALYSIS/BI,CC S 50-23-7	TI, AB, CT, UT, RN
Accession Number	/AN	S "2001(17):03220"/AN	AN
Application Date (1)	/AD	S AD=JAN 1999	AI
Application Number	/AP	S US2001-983047/AP	AI
Application Year (1)	/AY	S AY=1999	AI
Author (patent inventor)	/AU (or /IN)	S MCCARTHY, P E/AU S AMES G/AU	AU
Availability	/AV	S CD ROM/AV	AV
Classification Codes, COSATI, NTIS etc. (code, main code (NTIS) and text) (2)	/CC	S 85/CC S 85A/CC S *57E/CC S TRANSPORTATION?/CC	CC
Controlled Term (main headings)	/CT	S ALCOHOL LAWS/CT S *HEAT RECOVERY/CT	CT
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Corporate Source (performing, sponsoring or cooperating performing organization, patent assignee)	/CS	S (DEPART?(2W)INTERIOR)/CS S COMBUSTION ENGINEERING?/CS	CS
Country (of Intellectual Origin) (code and text)	/CY	S GERMANY?/CY S GB/CY	CY
Document Type (code and text)	/DT (or /TC)	S PATENT/DT S P/DT	DT
Inventor	/IN	S MANDAVA N/IN	IN
Language (code and text)	/LA	S FRENCH/LA	LA
Note	/NTE	S SEAWIFS/NTE	NTE
Number of Contract (grant, project or task)	/NC	S AID-DSAN-C-0062/NC	NC
Number of Report, NTIS Order Number (number and prefix)	/NR	S PB2002-107857/XAB/NR S PB2002/NR	NR, AN
Other Source (journal and database issue)	/OS	S GRA&I8507/OS S GREENHOUSE# NOT INIS/OS	OS
Patent Assignee	/PA	S MARTIN MARIETTA/PA	PA
Patent Number	/PN	S US2804506/PN	PI
Publication Date (1)	/PD	S PD=FEB 2000	PD
Publication Year (1)	/PY	S 1983-1984/PY	PD
Source (contains number of contract, number of report)	/SO	S TRRLSR826/SO	SO
Title	/TI	S REAL-TIME/TI AND SOFTWARE/TI	TI
Update Date (1)	/UP (or /ED)	S UP=JUL 2002	UP
Word Count, Title (1)	/WC.T	S WC.T>=10	WC.T

(1) Numeric search field that may be searched with numeric operators or ranges.

(2) Search with implied (S) proximity is available.

## 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 AI (AP) AN AU (IN) AV AY (1) CC CS CT CY DT (TC) IN NC NR (SO) NTE OS PA PD (1) PI (PN) PY (1) RN TI UP (1) UT WC.T (1)	Abstract Application Information Accession Number Author (patent inventor) Availability Application Year Classification Code Corporate Source Controlled Term Country (of Intellectual Origin) Document Type Patent Inventor Number of Contract (grant, project or task) Number of Report (patent number, application number) Note Other Source Patent Assignee Publication Date Patent Information Publication Year CAS Registry Number Title Update Date Uncontrolled Term Word Count, Title	D AB, TI D AI D 1-5 AN D AU TI D AV D AY D CC D CS D CT D CY D DT D IN D NC D NR D NTE D OS D PA D PD D PI D PY D RN D TI 1-10 D UP D CT UT 5-15 D WC.T
ALL DALL IALL BIB  IBIB IND SCAN (2) TRIAL (TRI, SAM, SAMPLE, FREE)	BIB, AB, CC, CT, UT, RN ALL, delimited for post-processing ALL, indented with text labels AN, TI, AU, IN, CS, PA, NC, NR, PI, AI, CY, LA, NTE, AV, OS (BIB is default) BIB, indented with text labels AN, CC, CT, UT, RN TI, CT TI, CC, CT, UT, RN	D 1-3 ALL D DALL D IALL D 8 BIB  D IBIB D IND D SCAN 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	SORT
Abstract	AB	Y	N
Accession Number	AN	Y	N
Application Date	AD	Y	Y
Application Number	AP	Y	Y
Application Year	AY	Y	Y
Author (Patent Inventor)	AU	Y	Y
Availability	AV	Y	Y
CAS Registry Number	RN	Y	Y
Classification Code	CC	Y	Y
Controlled Term	CT	Y	N
Corporate Source	CS	Y	Y
Country (of Intellectual Origin)	CY	Y	Y
Document Type	DT	Y	Y
Language	LA	Y	Y
Note	NTE	Y	Y
Number of Contract	NC	Y	Y
Number of Report (NTIS Order Number)	NR	Y	Y
Other Source	OS	Y	Y
Patent Assignee	PA	Y	Y
Patent Information	PI	Y	Y
Patent Number	PN	Y	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y
Source	SO	Y	N
Title	TI	Y (default)	Y
Uncontrolled Term	UT	Y	N
Update Date	UP (ED)	Y	Y
Word Count, Title	WC.T	Y	Y

## Sample Records

### DISPLAY ALL OF REPORT

```

AN      2002(20):00893   NTIS Order Number: PB2002-107857/XAB
TI      Ballistic Missile Defense Organization: 2001 Technology Applications
        Report.
CS      Ballistic Missile Defense Organization, Washington, DC. (106897000)
NR      PB2002-107857/XAB
        44p; 2002
DT      Report
CY      United States
LA      English
NTE     See also PB2002-107854.
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OS      GRA&I0220
  
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NTIS

AB The Ballistic Missile Defense Organization (BMDO) invests in new innovative technologies to help defend the United States, its allies, and its friends from increasingly sophisticated ballistic missile threats. From its inception, BMDO and its predecessor, the Strategic Defense Initiative Organization (SDIO), have supported the development of these technologies for direct integration into weapon systems as well as for spinoffs into commercial applications. The commercial market oftentimes provides the right environment to mature leading-edge technologies that may be too risky or unproven for missile defense. The 2001 Technology Applications Report features BMDO investments that have met commercial success, are being used in military systems, or both. Highlighted technologies are grouped into four sections: computing and communications, materials, sensors and tracking, and energy and propulsion.

CC 74B Antimissile defense systems  
70E Research program administration and technology transfer

CT \*Antimissile defense systems; \*Advanced technology; \*Technology applications; Communications; Computing; Materials; Sensors; Tracking; Energy management; Energy propulsion; Technology transfer  
\*BALLISTIC MISSILE DEFENSE ORGANIZATION (BMDO)

**DISPLAY ALL OF PATENT**

AN 1991(17):06610 NTIS Order Number: PB91-167817/XAB  
TI Method for the Sulfurization of Phosphorous Groups in Compounds. Patent.  
IN Beaucage, S. L.; Regan, J. B.; Iyer, R. P.  
PA Department of Health and Human Services, Washington, DC. (068119000)  
NR PB91-167817/XAB; PAT-APPL-7-415 710, PATENT-5 003 097  
2p; Filed 2 Oct 89, patented 26 Mar 91  
PI US-----5003097 19910326  
AI 1989US-0415710 19891002  
DT Patent  
CY United States  
LA English  
AV This Government-owned invention available for U.S. licensing and, possibly, for foreign licensing. Copy of patent available Commissioner of Patents, Washington, DC 20231 \$1.50.  
NTIS Prices: Not available NTIS

OS GRA&I9113

AB A method is disclosed for the sulfurization of a phosphorus containing compound, which comprises: solubilizing the phosphorous containing compound and then contacting the phosphorous containing compound, with a sulfur containing compound of the solution formula:  $QC_6H_3(CH_2)_nSO_2SR$ , wherein, R is selected from the group consisting of  $-CH_2-$ ,  $-C(O)-$  or  $-C(S)-$ ; Q is a non-interfering moiety or radical; and m and n, same or different, are selected from the group consisting of zero or one.

CC 99D Basic and synthetic chemistry  
90B Chemistry

CT \*Sulfidization; \*Patents; \*Phosphorous organic compounds; Synthesis (Chemistry); Free radicals; Cyclization; Aromatic polycyclic hydrocarbons; Heterocyclic compounds; Organic ions

UT PAT-CL-558-129

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