

Ei EnCompassPAT™

ONTAP® Ei EnCompassPAT™ (FILE 383)

FILE DESCRIPTION

Ei EnCompassPAT™ (Engineering Information EnCompass Patents) provides comprehensive coverage of patents related to the petroleum, petrochemicals, natural gas, and energy industries. With over 480,000 records dating back to 1964, EnCompassPAT abstracts are chosen and indexed by experts to ensure credibility and reliability. To help users keep up-to-date with developments in their areas of interest, monthly or weekly bulletins of patent abstracts are available in the following subject areas: Catalysts & Zeolites, Chemical Products, Environment Transport & Storage, Fuel Reformulation, Oil Field Chemicals, Petroleum Processes, Petroleum & Speciality Products, Petroleum Substitutes, and Tribology. Coverage is worldwide, from 40 patenting authorities. Before 1982, coverage was limited to patents issued by the United States, Belgium, Canada, France, West Germany, Great Britain, the Netherlands, Japan, South Africa, the European Patent Office, and the World Intellectual Property Organization.

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SUBJECT COVERAGE

The subject coverage of **Ei EnCompassPAT** includes:

- Air, land, and water pollution control
- Catalysts
- Corrosion control
- Energy conservation and alternate energy sources
- Fuels, lubricants, and other petroleum products
- Hydrocarbon preparation and conversion
- Oilfield chemicals
- Petroleum refinery processes and engineering
- Pipelines, tankers, and storage
- Process control
- Synthetic fuels

SOURCES

Abstracts included in **Ei EnCompassPAT** are selected from:

Derwent Chemical Patents Index (1972 to date)

- Section A (PLASDOC),
- Section C (AGDOC),
- Section D (Food, Disinfectants, Detergents),
- Section E (CHEMDOC),
- Section H (Petroleum),
- Section J (Chemical Engineering), and
- Section M (Metallurgy)

Derwent European Patents Report

- Section PQ (General/Mechanical) and
- Section S (Instrumentation, Measuring & Testing)

Selected patents in *Chemical Abstracts* (until 2006)

TIPS

USE FILE 353

to perform in depth searches on petroleum and petrochemical industry topics using linked terms.

USE MAP

to transfer to Derwent World Patents Index to display Derwent indexing.

MAP DX S1 TEMP

USE ROLE SUFFIXES

to narrow a CAS® Registry Number or Descriptor search. Use these roles: -A (chemical reaction starting material); -N (no role specified); -P (chemical reaction product)

S RN=74-82-8A; S HYDROGEN-P

DIALOG FILE DATA

Inclusive Dates: 1964 to the present (File 353)

1983 (File 383)

1964 to the present (File 953)

Update Frequency: Closed (File 383)

Weekly (approximately 300 records per update) (Files 353,953)

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Files 353,953
SAMPLE RECORD

Ei EnCompassPAT™

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DN=,DX=
/TI

0253262 EnCompassPat Document No.: 9640393 Derwent WPI Accession No.: 96-030540
Improved reduced temp. metallic vapour phase combustion - incorporates an enhanced combustion structure cpd. a metallic cpd. and increases combustion burning velocity, reduces combustion temp.,

AU=,PA=
AC=, AN=, AD=
PC=, PN=, PD=, PY=
DS=

Patent Assignee: ORR W C
Priority (CC,No,Date): US 419464 950410; US 251723 940531
Patent (CC,No,Date): WO 9533022 951207
Designated States: AM; AT; AU; BB; BG; BR; BY; CA; CH; CN; CZ; DE; DK; EE; ES; FI; GB; GE; HU; IS; JP; KE; KG; KP; KR; KZ; LK; LR; LT; LU; LV; MD; (. . .)

IC=
/SH, SH=

Int Pat Class: C10L-001/14; C10L-010/00
Ei EnCompassPat Bulletin Headings: AIR POLLUTION CONTROL; CATALYSTS/ZEOLITES; ENVIRONMENT, TRANSPORT & STORAGE; HEALTH & ENVIRONMENT; POLLUTION-CONTROL CATALYSTS

/AB

Abstract:
Reduced temp. metallic vapour phase combustion involves vaporising < an average 70 microns under suitable pressure into an air breathing combustion system, introducing (. . .)
reduces combustion emissions. (267pp Dwg.No.0/7)

/DE, AT=

Assigned Terms: 2,2,4-TRIMETHYLPENTANE; 2-METHYLBUTANE; ACETYLENE; ACTIVITY; *ADDITIVE; AIR; AIR FUEL RATIO; AIRCRAFT; ALKYLATION; ALUMINUM; AMMONIA; ANTIKNOCK AGENT; AROMATIC; ASTM; AUTOMOBILE; AUTOMOTIVE ENGINE (. . .)

/DE, /DE*, /DF, /DF*, IN=

Index Terms: 2,2,4-TRIMETHYLPENTANE; 2-METHYLBUTANE; 5 MEMBER RING; ACETYLENE; ACETYLENIC; ACTIVITY; *ADDITIVE; AIR; AIR FUEL RATIO; *AIR POLLUTANT; AIRCRAFT; ALKYLATION; ALUMINUM; AMMONIA; ANTIKNOCK AGENT; (. . .)

/ID, ST=
RN=

Supplementary Terms: JET FUEL A-1; JET FUEL B; JP-7 JET FUEL; JP-9 JET FUEL
CAS Registry Numbers: 106-97-8; 108-88-3; 12108-13-3; 1335-25-7; 302-01-2; 540-84-1; 616-38-6; 64-17-5; 67-56-1; 74-82-8; 74-84-0; 74-86-2; 74-98-6; 7664-41-7; 78-78-4; 8008-20-6

LT=

Sets of Linked Terms: 0096
Linked Terms:
GAS ENGINE FUEL; LIQUEFIED PETROLEUM GAS; MOTOR FUEL; USE
GAS ENGINE FUEL; MOTOR FUEL; NATURAL GAS; USE
GAS ENGINE FUEL; MOTOR FUEL; NATURAL GAS LIQUIDS; USE
COMPOUNDS; GROUP VA; IMPURITY; PHOSPHORUS
(. . .)
Manual Linked Terms:
GAS ENGINE FUEL; LIQUEFIED PETROLEUM GAS
GAS ENGINE FUEL; NATURAL GAS
GAS ENGINE FUEL; NATURAL GAS LIQUIDS
(. . .)

LT=

Template: AVAILABLE
Template Title: ADDITIVE
Number of template generated link terms: 66
ADDITIVE
PARTICLE
V1 ALUMINUM; BERYLLIUM; BISMUTH; BORON;
> BROMINE; CALCIUM; CERIUM; CHROMIUM;
> COBALT; COPPER; FRANCIUM; GALLIUM;
> GERMANIUM; INDIUM; IODINE; IRON; LITHIUM;
> MAGNESIUM; MANGANESE; MOLYBDENUM; NICKEL;
> NIOBIUM; PALLADIUM; PARTICLE SIZE;
> PHOSPHORUS; POTASSIUM; RHENIUM; RUTHENIUM;
> SILICON; SODIUM; TIN; VANADIUM; ZINC
V2 COMPOUNDS; ELEMENT

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S COMBUSTION(5N)CATALYST?
/AB	AB	Abstract ¹	Word	S ENHANCED(W)COMBUSTION/AB
/DE	DE	Descriptor (Assigned Terms and Index Terms) ^{1,2,3,4,5}	Word & Phrase	S FUEL(W)RATIO/DE S AIR FUEL?/DE
/ID	ID	Supplementary Term ^{1,5}	Word & Phrase	S JET(W)FUEL/ID S JET FUEL B/ID
/SH	SH	Ei EnCompassPat Bulletin Heading ^{1,5}	Word & Phrase	S AIR (W)POLLUTION/SH S AIR POLLUTION CONTROL/SH
/TI	TI	Title ¹	Word	S VAPOUR(W)PHASE(W)COMBUSTION/TI

¹ Any chemical term in the Basic Index can be restricted to a full word using the /FW suffix, e.g., S BENZENE/FW.

² Also /DF.

³ Use /DE* or /DF* for major descriptors.

⁴ Role indicators assigned to materials in chemical reactions are: -A indicates a starting material in a chemical reaction, e.g., S METHANE-A; -P indicates a product in a chemical reaction, e.g., S HYDROGEN-P; -N indicates no role was specified, e.g., S HYDROCARBON-N; Role indicators are also assigned to CAS Registry Numbers, e.g., S RN=74-82-8A.

⁵ Searchable in the Basic Index and in the Additional Indexes.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AC=	AC	Application Country	Phrase	S AC=US
AC=	AC	Priority Application Country	Phrase	S AC=US/PR
AD=	AD	Application Date	Phrase	S AD=1994 S AD=199404 S AD=19940410
AD=	AD	Priority Application Date	Phrase	S AD=19940531/PR
AN=	AN	Patent Application Number and Country	Phrase	S AN=US 251723
AN=	AN	Priority Application Number	Phrase	S AN=US 251723/PR
AT=	AT	Assigned Term ^{4,5,6}	Phrase	S AT=AIR FUEL RATIO
AU=	AU	Author/Inventor ⁷	Phrase	S AU=ORR W C
—	AZ	DIALOG Accession Number		
CT=	CT	Number of Linked Term Groups	Numeric	S CT>=0010
DN=	DN	EnCompassPat Document Number	Phrase	S DN=9640393
DS=	DS	Designated State	Phrase	S DS=ES
DX=	DX	Derwent Accession Number	Phrase	S DX=96-030540
IC=	IC	International Patent Class	Phrase	S IC=C10L S IC=C10L-001 S IC=C10L-001/14
IN=	IN	Index Terms ^{4,5}	Phrase	S IN=HYDROGEN-P
LT=	LT	Linked Terms ⁴	Phrase	S LT=(ANTIKNOCK(W)AGENT(S)LEAD)
—	ML	Manual Linked Terms ⁸		
PA=	PA	Patent Assignee	Word & Phrase	S PA=(ORR(W)W(W)C) S PA=ORR W ?
PC=	PC	Patent Country	Phrase	S PC=WO
PD=	PD	Patent Publication Date	Phrase	S PD=1995 S PD=199512 S PD=19951207
PN=	PN	Patent Number	Phrase	S PN=WO 9533022
PY=	PY	Patent Publication Year	Phrase	S PY=1995
RN=	RN	CAS(R) Registry Number	Phrase	S RN=106-97-8
SH=	SH	Ei EnCompassPat Bulletin Heading ⁵	Phrase	S SH=POLLUTION-CONTROL CATALYSTS
ST=	ST	Supplementary Term ⁵	Phrase	S ST=JP-7 JET FUEL
—	TM	Template Linked Terms ⁸		
UD=	—	Update	Phrase	S UD=9999

⁶ From January 1991 forward.

⁸ From March, 1996 forward.

⁷ Prior to 1972 only the names of inventors were indexed. Starting in 1972, the field contains mainly patent assignees. Beginning in 1991, the Author field can be displayed as AU and searched as a separate field from the Patent Assignee.

Files 353,953
SPECIAL FEATURES

Ei EnCompassPAT™

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP MAP, HELP IDPAT online.

LIMIT	/ -- DIALOG Accession Number /ABS -- Abstract Present /MAJ -- Major Index Term /NOABS -- No Abstract Present /NOTA -- No Template Available /TA -- Template Available /YYYY -- Publication Year	S S3/115752-999999 S S2/ABS S S5/MAJ S S4/NOABS S S5/NOTA S S3/TA S S2/1999:2001
SORT	AU, IC, PA, PD, PN, PY, SH, TI	SORT S1/ALL/PA/PD,D PRINT S5/5/1-24/TI
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked.	RANK NA
MAP	AN, DX, IC, PA, PN, RN	MAP DX TEMP S2
IDPAT	Identify patent duplicates and display all or selected patent groups.	IDPAT IDPAT S1 SHORT

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	EnCompassPat Document Number, Derwent Accession Number, Title, Patent Assignee, Inventor, All Patent Data, Priority Data, Designated States, International Patent Classification Codes, Ei EnCompassPat Bulletin Headings, and CAS Registry Number(s)
3	Medium	EnCompassPat Document Number, Derwent Accession Number, Title, Patent Assignee, Inventor, All Patent Data, and Priority Data
4	--	Title, Index Terms, Supplementary Terms, and CAS Registry Number(s), Manual Linked Terms, Template
5	Long	Full Record with Manual Linked Terms and Templates
6	Free	Title
7	--	Full Record except Indexing
8	Short	Title, Index Terms, Supplementary Terms, Linked Terms, CAS Registry Number(s), Template Availability
9	Full	Full Record comprehensive Linked Terms
29	--	Full Record with both Linked Terms and Manual Linked Terms plus Templates
49	--	Full Record with both Linked Terms and Manual Linked Terms plus Templates with Tagged Fields
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	User-defined formats can be specified using the display codes indicated in the Search Options tables.	TYPE S3/TI,PN/1-5
TAG	Output can be displayed with identifying each display field.	TYPE S3/5/1-10 TAG
DIRECT RECORD ACCESS	DIALOG Accession Number	TYPE 02529274 DISPLAY 0240052/TI,PN PRINT 0253840/9

FOR ONLINE HELP:

See HELP FIELDS 353 for searchable fields; HELP FORMAT 353 for output formats; HELP LIMIT 353 for limits; HELP RATES 353 for cost information; HELP SORT 353 for sorts.