

Derwent World Patents Index®

Derwent World Patents Index Extension

ONTAP® Derwent World Patents Index (FILE 280)

FILE DESCRIPTION

Derwent World Patents Index® (*DWPI*SM), produced by Thomson Reuters Scientific, provides access to information from more than 41 million patent documents, giving details of over 14.8 million inventions. Each update, approximately 39,400 documents from 41 patent-issuing authorities are added to *DWPI*. The patent-issuing authorities are listed in the Sources section on page 2.

Each record in the database describes a single "patent family" containing data from the first publication of an invention, known as the "basic patent", as well as any further published patents relating to that invention, known as "equivalents". The records contain bibliographic data, Thomson Reuters-assigned titles, abstracts, general indexing and in-depth chemical and polymer indexing. Additionally, electrical and engineering drawings are present in records dating back to 1988, and chemical structure drawings are present in records dating back to 1992.

Starting in 1999, additional abstracts and indexing features are provided. The alerting abstract (formerly "basic abstract") is organized into paragraphs with informative, searchable paragraph headings. The alerting abstract also contains a Novelty paragraph describing the non-obvious improvements over previous technology. A Technology Focus abstract contains separate paragraphs providing different technological viewpoints of the invention. The Extension Abstract and Documentation Abstract can only be found in File 350 and provide detailed summaries that bridge the gap between the concise abstract summary and the full text patent document.

The records in *DWPI* have been further enhanced with original publication data such as full author name and address, document title, abstract, claims, legal representative. The amount of this original publication data present in each record varies by publishing authority, patent kind, and time, as shown in the Sources section.

File 351 and File 352 are identical in coverage but are split by geographical access. File 351 is available to users worldwide except in Japan. File 352 is available to Japanese users only. File 350, *Derwent World Patents Index Extension (DWPIX)* provides additional search capabilities for Thomson Reuters Subscribers.

Please see also the Bluesheets for File 355, *Chemistry Resource (DCR)*, which provides graphical chemical structure searching with a link back to the *DWPI* records that include the structures; and File 342, *Patents Citation Index (PCI)*, which details examiner and author patent citations for patents from the 6 largest patent-issuing authorities.

TIPS

USE FILE 351

to find out who holds patents in a particular technology area; to monitor competitor activities; to keep abreast of new technologies; to discover new research ideas.

USE RANK

for statistical analysis of a data field such as patent assignee.
SELECT TOPIC; RANK CO

USE MAP DN

to save DCR Numbers and see the structures they represent in *Chemistry Resource (DCR)*.
SELECT TOPIC; MAP DN TEMP; B 355; EXS

DIALOG FILE DATA

Inclusive Dates:

Selected patent basics from 1985 -2006 (File 280)
1963 to the present (Files 350,351,352)

Update Frequency: Closed (File 280)

Twice weekly approximately (82 updates/year)
(Files 350,351,352)

File Size: 65,835 records (File 280)

14.8 million rec. as of July 2006 (Files 350,351,352)

CONTACT

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Tokyo 100-0003 only)

Japan

Asia Pacific

Thomson Reuters Phone: +65 6411 6888
80 Robinson Road, # 15-00
Singapore 068898

SUBJECT COVERAGE

DWPI covers pharmaceutical patents from 1963, agricultural patents from 1965, polymer & plastics patents from 1966, all chemical patents from 1970, and all patentable technology from 1974. Beginning 2006 selected original publication data by authority is included. The table in the Sources section provides a list of the authorities covered in the database and the original publication data included for that authority.

SOURCES

Authority - Display Code - Available Original Publication Data

- Argentina - **AR**
- Australia - **AU** - Original titles since 2004
- Austria - **AT**
- Belgium - **BE**
- Brazil - **BR**
- Canada - **CA**
- China - **CN**
- Czechoslovakia - **CS**
- Czech Republic - **CZ**
- Denmark - **DK**
- European Patent Office - **EP** - Original titles since 1978; Original abstracts since 1978 in English and since 2000 in French or German; First claim since 1991; Inventor full name and associated address, and original patent assignee and associated address since 1978; Agent and associated address since 1978.
- Finland - **FI**
- France - **FR**
- Germany - **DE** - Original titles since 1968; Original abstracts since 2000; First claim since 1968; Inventor full name and associated address, and original patent assignee and associated address since 1968; Agent and associated address since 1968.
- Germany, East - **DD**
- Hungary - **HU**
- India - **IN**
- Ireland - **IE**
- Israel - **IL**
- Italy - **IT**
- Japan - **JP** - Original titles since 1975; Inventor full name and original patent assignee since 1977.
- Luxembourg - **LU**
- Mexico - **MX**
- Netherlands - **NL**
- New Zealand - **NZ**
- Norway - **NO**
- Patent Cooperation Treaty - **WO** - Original titles since 1978; Original abstracts since 1978; Inventor full name and associated address, and original patent assignee and associated address since 1978; Agent and associated address since 1999.
- Philippines - **PH**
- Portugal - **PT**
- Romania - **RO**
- Russian Federation - **RU**
- Singapore - **SG**
- Slovakia - **SK**
- South Africa - **ZA**
- South Korea - **KR**
- Soviet Union - **SU**
- Spain - **ES**
- Sweden - **SE**
- Switzerland - **CH**
- Taiwan - **TW**
- United Kingdom - **GB** - Original titles since 2004; First claim - database updates 198409 to 199751.
- United States of America - **US** - Original titles since 1975; Original abstracts since 1975; First claim since 1993; Inventor full name and associated address, and original patent assignee and associated address since 1975; Agent and associated address since 1975.
- International Technology Disclosures - **TP** - Ceased publication June, 1994.
- Research Disclosure - **RD** (c)Kenneth Mason Publications Limited [2006], www.researchdisclosure.com.

SAMPLE RECORD

(AZ)
 AA=,AX=,DX=
 AX=,DX=
 /TI,TD,TA

 CO=,PA=,CK=
 AU= (IV),IV=
 NP=,NC=,(PI)

PN=,PD=,AN=,AD=,DW=
 PC=,AC=

PM=,PY=,AM=,AY=,TY=

AN=,AD=,PR=

FD=, LA=
 DS=

DS=

FT=

/AB,/DA,/TA,/TX
 /NV,/DA,/TA,/TX

(BA)

Dialog(R) File 350: DWPIX|
 (c) 2010 Thomson Reuters. All rts. reserv.
 0014566062 - Drawing available
 WPI ACC NO: 2004-748020/ 200473
 XRAM Acc No: C2004-262893

**Preparation of 8,9-dihydro-7H-1,3a,9-triazacyclopenta(a)naphthalen-6-ones
 useful as intermediates for medicaments, involves dehydrogenating
 5,7,8,9-tetrahydrotriazacyclopenta(a)naphthalen-6-ones using
 N-bromosuccinimide**

Patent Assignee: ALTANA PHARMA AG (BYKG)

Inventor: ALSTERS P L; MINK D

Patent Family (12 patents, 107 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 2004087718	A1	20041014	WO 2004EP50414	A	20040401	200473 B
EP 1613637	A1	20060111	EP 2004725052	A	20040401	200604 E
			WO 2004EP50414	A	20040401	
NO 200504977	A	20051026	NO 20054977	A	20051026	200609 E
BR 200408771	A	20060328	BR 20048771	A	20040401	200624 E
			WO 2004EP50414	A	20040401	
MX 2005010311	A1	20051201	WO 2004EP50414	A	20040401	200629 E
			MX 200510311	A	20050926	
AU 2004226178	A1	20041014	AU 2004226178	A	20040401	200638 E
KR 2005119145	A	20051220	WO 2004EP50414	A	20040401	200652 E
			KR 2005718058	A	20050926	
CN 1764665	A	20060426	CN 200480008177	A	20040401	200654 E
US 20060194972	A1	20060831	WO 2004EP50414	A	20040401	200657 E
			US 2005550691	A	20050926	
JP 2006522068	W	20060928	WO 2004EP50414	A	20040401	200667 E
			JP 2006505508	A	20040401	
ZA 200506904	A	20070131	ZA 20056904	A	20050829	200715 E
IN 200501206	P3	20070420	WO 2004EP50414	A	20040401	200737 E
			IN 2005MN1206	A	20051027	

Priority Applications (no., kind, date): EP 20037663 A 20030403

Patent Details

Number Kind Lan Pg Dwg Filing Notes
 WO 2004087718 A1 EN 12 0

National Designated States,Original: AE AG AL AM AT AU AZ BA BB BG BR BW
 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
 HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
 (. . .)

Regional Designated States,Original: AT BE BG BW CH CY CZ DE DK EA EE ES
 FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK
 SL SZ TR TZ UG ZM ZW

EP 1613637 A1 EN PCT Application WO 2004EP50414
 Based on OPI patent WO 2004087718
 Regional Designated States,Original: AL AT BE BG CH CY CZ DE DK EE ES FI
 FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR

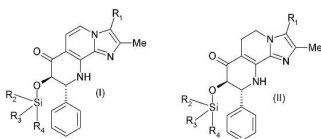
BR 200408771 A PT PCT Application WO 2004EP50414
 Based on OPI patent WO 2004087718
 MX 2005010311 A1 ES PCT Application WO 2004EP50414
 Based on OPI patent WO 2004087718
 AU 2004226178 A1 EN Based on OPI patent WO 2004087718

(. . .)

Alerting Abstract WO A1

NOVELTY - Preparation of
 8,9-dihydro-7H-1,3a,9-triazacyclopenta(a)naphthalen-6-ones (I) or their
 salts involves dehydrogenation (i.e. oxidation) of
 5,7,8,9-tetrahydro-4H-1,3a,9-triazacyclopenta(a)naphthalen-6-ones (II)
 using N-bromosuccinimide (NBS).

DESCRIPTION - Preparation of
 8,9-dihydro-7H-1,3a,9-triazacyclopenta(a)naphthalen-6-ones of formula (I)
 or their salts involves dehydrogenation (i.e. oxidation) of
 5,7,8,9-tetrahydro-4H-1,3a,9-triazacyclopenta(a)naphthalen-6-ones of
 formula (II) using N-bromosuccinimide (NBS).



SAMPLE RECORD (cont'd)

R1= H, methyl or hydroxymethyl; and
R2 - R4= 1-7C alkyl.

USE - (I) are useful as intermediates for medicaments for treating gastric and intestinal disorders.

ADVANTAGE - The process may be used on industrial scale.

/TF,DA,TA,TX

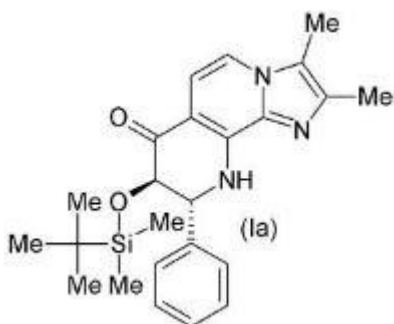
Technology Focus

SH= ORGANIC CHEMISTRY - Preferred Method: The amount of NBS used is 1 equivalent calculated on the basis of the amount of (II) used. The reaction is carried out in an inert organic solvent at -70 to 50 (preferably 0 - 30)(deg)C. Subsequent to the reaction with NBS, an organic base (preferably an organic amine, especially triethylamine) is used for the removal of hydrogen bromide.

/TA,XA,DA
SH=**Extension Abstract** [File 350 only]

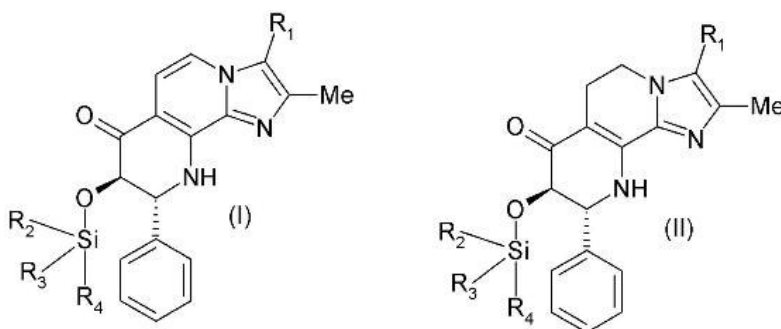
SPECIFIC COMPOUNDS - The preparation of 1 compound (I) is specifically claimed, i.e.

7-(tert-butyldimethylsilyloxy)-2,3-dimethyl-8-phenyl-8,9-dihydro-7H-1,3a,9-triazacyclopenta(a)naphthalen-6-one (Ia).



EXAMPLE - A solution of 7-(tert-butyldimethylsilyloxy)-2,3-dimethyl-8-phenyl-5,7,8,9-tetrahydro-4H-1,3a,9-triazacyclopenta(a)naphthalen-6-one (25 g) in acetonitrile (150 ml) was stirred and cooled at 15(deg)C. To this solution was added N-bromosuccinimide (10.52 g) in acetonitrile and then triethylamine (22.5 ml) with stirring. Stirring was continued for 2 hours at 15(deg)C to obtain a suspension. The suspension was cooled, followed by work-up to obtain 7-(tert-butyldimethylsilyloxy)-2,3-dimethyl-8-phenyl-8,9-dihydro-7H-1,3a,9-triazacyclopenta(a)naphthalen-6-one (Ia).

(IM)

Main Drawing Sheet(s) or Clipped Structure(s)

/TT

Title Terms/Index Terms/Additional Words: PREPARATION; USEFUL; INTERMEDIATE; MEDICAMENT; DEHYDROGENATE; N

□
IC=**Class Codes**

International Classification (Main): C07D-471/14, C07F-007/18
International Classification (+ Attributes)
IPC + Level Value Position Status Ver. Action Source Office
(Current):

IC=,ICA=,IA=

A61K-0031/4745 A I F B 20060101
C07D-0471/14 A I L B 19850101

SAMPLE RECORD (cont'd)

C07D-0471/14 A I R 20060101
 C07F-0007/18 A I F B 19680901
 C07F-0007/18 A I F 20060101
 C07F-0007/18 A I R 20060101
IC=,ICC=,IA= A61K-0031/4738 C I F B 20060101
 C07D-0471/00 C I L B 19850101
 C07D-0471/00 C I R 20060101
 C07F-0007/00 C I F B 19680901
 C07F-0007/00 C I F 20060101
 C07F-0007/00 C I R 20060101
EC= ECLA: C07D-471/14+235C+221C+221B, C07F-007/18C9G
 ICO: M07D-471:14
CL= US Classification, Current Main: 546-082000
 US Classification, Issued: 54682
JC= JP Classification
 FI Term Facet Rank Type
 C07F-007/18 T
JC= F-Term View Point Additional
 Theme + Figure Code
 4H049
 4H049 VN01
 4H049 VP01
 4H049 VQ60
 4H049 VR23
 4H049 VR41
 4H049 VS60
 4H049 VU06
 4H049 VV01
 4H049 VV13
 4H049 VW02
FS= File Segment: CPI
DC= DWPI Class: B02
DI,MC= Manual Codes (CPI/A-M): B05-B01B
(DI) **Chemical Indexing**
M2= (MM) Chemical Fragment Codes (M2):
 01 M905 M904 B614 B711 B720 B743 B831 D013 D014 E260 G010 G100 J5 J521 M1
 M113 M210 M211 M214 M233 M240 M250 M282 M283 M320 M411 M511 M520 M531
 M540 M720 N223 N224 N312 N411 N511 N512 N513 56288 RAFR4Z-K RAFR4Z-P
 975061-K 975061-P
 02 M905 M904 B614 B711 B720 B743 B831 D012 D013 D014 E260 G010 G100 H401
 H481 J5 J521 M1 M113 M210 M211 M212 M213 M214 M215 M216 M220 M221 M222
 M223 M224 M231 M232 M233 M240 M250 M281 M282 M283 M311 M320 M321 M342
 M373 M391 M411 M511 M520 M531 M540 M630 M640 M650 M720 N223 N224 N312
 N411 N511 N512 N513 56288 0142-37801-K 0142-37801-P
RR= Ring Index Numbers: (Linked) 56288; 56288
CN= (CP),RL= Specific Compound Numbers: RAFR4Z-K; RAFR4Z-P
CN= (CP),RL= Generic (Markush) Compound Numbers: 0142-37801-K; 0142-37801-P;
 0142-37801-CL; 0142-37801-PRD
DN=,RL= Derwent Chemistry Resource Numbers: (Linked) 975061-K; 975061-P; 975061-CL;
 975061-PRD
(DI) **Key Word Indexing**
DN=,RL=,CN= (CP) *1* 975061-PRD 0142-37801-PRD
 Original Publication Data by Authority
(AU) **Australia**
PN=,PC= Publication No. AU 2004226178 A1 (Update 200638 E)
PD=,PM= Publication Date: 20041014
 (. . .)
(BR) **Brazil**
 Publication No. BR 200408771 A (Update 200624 E)
 Publication Date: 20060328
 (. . .)
(CN) **China**
PN=,PC= Publication No. CN 1764665 A (Update 200654 E)

SAMPLE RECORD (cont'd)

<p>PD=,PM=</p> <p>(EP)</p> <p>PN=,PC=</p> <p>PD=,PM=</p> <p>/TI</p> <p>CO=,PA=,GL=,CC=,CK=</p> <p>AU= (IV),IV=,GL=</p> <p>CC=</p> <p>LA=</p> <p>AN=,AC=,AD=</p> <p>PR=,AN=,AC=,AD=</p> <p>/AB, TX</p> <p>(JP)</p> <p>PN=, PC=</p> <p>PD=</p> <p>AN=,AC=,AD=</p> <p>PR=,AN=,AC=,AD=</p> <p>(US)</p> <p>PN=,PC=</p> <p>PD=</p> <p>/TI</p> <p>CO=,PA=,GL=</p> <p>AU (IV),IV=,GL=</p> <p>CC=</p> <p>LR=,GL=</p> <p>LA=</p> <p>AN=,AC=,AD=</p> <p>PR=,AN=,AC=,AD=</p>	<p>Publication Date: 20060426 (. . .)</p> <p>EPO Publication No. EP 1613637 A1 (Update 200604 E) Publication Date: 20060111 **VERFAHREN ZUR HERSTELLUNG VON IMIDAZOPYRIDIN-8-ONEN PROCESS FOR THE PRODUCTION OF IMIDAZOPYRIDIN-8-ONES PROCEDE DE PREPARATION DE IMADAZOPYRIDIN-8-ONES** Assignee: ALTANA Pharma AG, Byk-Gulden-Strasse 2, 78467 Konstanz, DE (BYKG) Inventor: ALSTERS, Paulus Lambertus, Oranjeplein 273, NL-6224 KZ Maastricht, NL MINK, Daniel, Heckenweg 5, B-4700 Eupen, BE Agent: Wolf, Ulrich, ALTANA Pharma AG, Byk-Gulden-Strasse 2, 78467 Konstanz, DE Language: EN Application: EP 2004725052 A 20040401 (Local application) WO 2004EP50414 A 20040401 (PCT Application) Priority: EP 20037663 A 20030403 Related Publication: WO 2004087718 A (Based on OPI patent) Designated States: (Regional Original) AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IT LI LT LU LV MC MK NL PL PT RO SE SI SK TR Original IPC: C07D-471/00(B, I, H, 98, 19850101, 20041020, C, L) C07D-471/14(B, I, H, EP, 19850101, 20041020, A, L) C07F-7/00(B, I, H, 98, 19680901, 20041020, C, F) C07F-7/18(B, I, H, EP, 19680901, 20041020, A, F) Current IPC: C07D-471/00(B, A, I, H, 98, 19850101, 20041020, C, L) C07D-471/14(B, I, H, EP, 19850101, 20041020, A, L) C07F-7/00(B, I, H, 98, 19680901, 20041020, C, F) C07F-7/18(B, I, H, EP, 19680901, 20041020, A, F) Original Abstract: The invention relates to a process for the production of 7-(trialkyl-silanyloxy)- 2,3-dimethyl-8-phenyl-8,9dihydro-7H-1,3a,9-triaza-cyclopenta[a]naphthal en-6-one and related compounds by using NBS as oxidizing agent. (. . .)</p> <p>Japan Publication No. JP 2006522068 W (Update 200667 E) Publication Date: 20060928 Language: JA (11 pages) Application: WO 2004EP50414 A 20040401 (PCT Application) JP 2006505508 A 20040401 (Local application) Priority: EP 20037663 A 20030403 Related Publication: WO 2004087718 A (Based on OPI patent) Original IPC: C07F-7/00(B, I, H, 98, 20060101, 20060901, C, F) C07F-7/18(B, I, H, JP, 20060101, 20060901, A, F) Current IPC: C07D-471/00(R, I, M, EP, 20060101, 20060722, C) C07D-471/14(R, I, M, EP, 20060101, 20060722, A) C07F-7/00(B, I, H, JP, 20060101, 20060901, C, F) C07F-7/18(B, I, H, JP, 20060101, 20060901, A, F) Current ECLA class: C07D-471/14+235C+221C+221B C07F-7/18C9G Current ECLA ICO class: M07D-471:14 Current JP FI-Terms: C07F-7/18 T Current JP F-Terms: 4H049 4H049VN01 4H049VP01 4H049VQ60 4H049VR23 4H049VR41 4H049VS60 4H049VU06 4H049VV01 4H049VV13 4H049VW02 (. . .)</p> <p>United States Publication No. US 20060194972 A1 (Update 200657 E) Publication Date: 20060831 **Process for the production of imidazopyridin-8-ones** Assignee: ALTANA PHARMA AG, BYK-GULDEN-STR. 2, KONSTANZ 78467, DE (BYKG) Mink, Daniel, HECKENWEG 5, EUPEN 4700, BE Residence: DE Nationality: DE Alsters, Paulus Lambertus, Maastricht, NL Residence: NL Nationality: NL Inventor: Mink, Daniel, HECKENWEG 5, EUPEN 4700, BE Residence: DE Nationality: DE Alsters, Paulus Lambertus, Maastricht, NL Residence: NL Nationality: NL Agent: NATH ASSOCIATES PLLC, 112 South West Street, Alexandria, VA, US Language: EN Application: WO 2004EP50414 A 20040401 (PCT Application) US 2005550691 A 20050926 (Local application) Priority: EP 20037663 A 20030403 Original IPC: A61K-31/4738(B, I, H, 98, 20060101, 20060831, C, F) A61K-31/4745(B, I, H, US, 20060101, 20060831, A, F) C07D-471/00(B, I, H, 98, 20060101, 20060831, C, L)</p>
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SAMPLE RECORD (cont'd)

C07D-471/14(B, I, H, US, 20060101, 20060831, A, L)
 Current IPC: A61K-31/4738(B, I, H, US, 20060101, 20060831, C, F)
 A61K-31/4745(B, I, H, US, 20060101, 20060831, A, F)
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 C07F-7/00(R, I, M, EP, 20060101, 20051008, C)
 C07F-7/18(R, I, M, EP, 20060101, 20051008, A)
 Current ECLA class: C07D-471/14+235C+221C+221B C07F-7/18C9G
 Current ECLA ICO class: M07D-471:14
 Current US Class (main): 546-082000
 Original US Class (main): 54682

/AB, TX Original Abstract: The invention relates to a process for the production of 7-(trialkyl-silanytoxy)-2,3-dimethyl-8-phenyl-8,9dihydro-7H-1,3a,9-triazacyclopenta[a]naphthalen-6-one and related compounds by using NBS as oxidizing agent.

/CM, TX Claim:
 1.
 1. Process for the production of compounds of formula 1, [CF C00004] _ * in which

- * R1 is hydrogen, methyl or hydroxymethyl,
- * R2 is 1-7C-alkyl,
- * R3 is 1-7C-alkyl and
- * R4 is 1-7C-alkyl,
- * and their salts,
- * which comprises dehydrogenating (oxidizing) compounds of formula 2,
- * [CF C00005]
- * in which R1, R2, R3 and R4 have the meanings given above, by using NBS (N-bromosuccinimide).

(WO) **WIPO**
PN=,PC= Publication No. WO 2004087718 A1 (Update 200473 B)
PD= Publication Date: 20041014
/TI **PROCESS FOR THE PRODUCTION OF IMIDAZOPYRIDIN-8-ONES
 PROCEDE DE PRODUCTION D'IMIDAZOPYRIDIN-8-ONES**
CO=,PA=,GL= Assignee: ~(except US)~ ALTANA PHARMA AG, Byk-Gulden-Str. 2, 78467
CC=,CK= Konstanz, DE Residence: DE Nationality: DE (BYKG)
 ~(only US)~ ALSTERS, Paulus Lambertus, Oranjeplein 273, NL-6224 KZ
 Maastricht, NL Residence: NL Nationality: NL
 ~(only US)~ MINK, Daniel, Heckenweg 5, B-4700 Eupen, BE Residence: BE
 Nationality: DE
AU= (IV),IV=,GL= Inventor: ALSTERS, Paulus Lambertus, Oranjeplein 273, NL-6224 KZ
CC= Maastricht, NL Residence: NL Nationality: NL
 MINK, Daniel, Heckenweg 5, B-4700 Eupen, BE Residence: BE Nationality: DE
LR=,GL= Agent: RUPP, Herbert, Altana Pharma AG, Byk-Gulden-Str. 2, 78467 Konstanz,
 DE
LA= Language: EN (12 pages, 0 drawings)
AN=,AC=,AD= Application: WO 2004EP50414 A 20040401 (Local application)
PR=,AN=,AC=,AD= Priority: EP 20037663 A 20030403
 Designated States: (National Original) AE AG AL AM AT AU AZ BA BB BG BR BW
 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR
 HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
 MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR
 TT TZ UA UG US UZ VC VN YU ZA ZM ZW
 (Regional Original) AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR
 HU IE IT KE LS LU MC MW MZ NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM
 ZW
 Original IPC: C07F-7/18(A) C07D-471/14(B)
 Current IPC: C07F-7/18(A) C07D-471/14(B)

/AB, TX Original Abstract: The invention relates to a process for the production of 7-(trialkyl-silanytoxy)-2,3-dimethyl-8-phenyl-8,9dihydro-7H-1,3a,9-triaza-cyclopenta[a]naphthalen-6-one and related compounds by using NBS as oxidizing agent.
 L'invention concerne un procede de production de 7-(trialkyl-silanytoxy)-2,3-dimethyl-8-phenyl-8,9dihydro-7H-1,3a,9-triaza-cyclopenta[a]naphtalen-6-one ainsi que des composes associes en utilisant NBS en tant qu'agent oxydant.
 (. . .)

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields ^{1,2}	Segment & Word	S DEHYDROGENAT? S GASTRIC(3N)DISORDER?
/AB	AB	Abstract - All ^{2,3,6}	Segment & Word	S TRI(W)CHLORO(W)BENZENE/AB S MEDICAL(2N)ADHESIVE?/AB
—	BA	Abstract - DWPI Basic (without Technology Focus)		
/CM	CM	Claims - Author ^{2,4}	Segment & Word	S HALOGENATING(W)AGENT/CM S IMIDAZOLE/CM
/DA	DA	Abstract - DWPI Enhanced ^{3,6}	Segment & Word	S OXIDATION/DA S CYCLO(W)PENTA/DA
/DO	DO	Abstract - DWPI Documentation ⁸	Segment & Word	S IMIDAZOLE?/DO S CHLORO(W)PHENYL/DO
/NV	NV	Novelty (Section of DWPI Abstract) ^{2,5}	Segment & Word	S OXIDATION/NV S N(W)BROMO(W)SUCCINIMIDE/NV
/TA	TA	Title and Abstract - DWPI Enhanced ^{2,6}	Segment & Word	S MEDICAMENT?(3N)INTERMEDIATE?/TA S 8(W)9(W)DIHYDRO/TA
/TD	TD	Title - DWPI Enhanced ²	Segment & Word	S DEHYDROGENAT?/TD S INTERMEDIATE?(1N)MEDICAMENT?
/TF	TF	Technology Focus (Section of DWPI Abstract) ^{2,5}	Segment & Word	S TRI(W)ETHYL(W)AMINE/TF S INERT(W)ORGANIC(W)SOLVENT/TF
/TI	TI	Title - Author and DWPI Enhanced ²	Segment & Word	S IMIDAZOPYRIDIN(W)8(W)ONE?/TI S MEDICAMENTS?/TI
/TT	TT	Title Index Terms and Additional Words ⁷	Segment & Word	S INTERMEDIATE/TT S MEDICAMENT/TT
/TX	TX	Abstracts and Claims - All (except Extension Abstract) ²	Segment & Word	S HYDROGEN(W)BROMIDE/TX S REACTION(S)INTERMEDIATE?/TX
/XA	XA	Abstract - DWPI Extension ^{2,5,8}	Segment & Word	S TERT(W)BUTYL(W)DI(W)METHYL(W)SILYLOXY/XA S IN(W)ACETONITRILE/XA

¹ All words are indexed, including the standard Dialog stop words.

² All chemical names are indexed as complete words, e.g., CHLOROBENZENE, and chemically significant word segments, e.g., CHLORO and BENZENE. Words such as CHLOROBENZENE can be retrieved by either segment. Use /FW to restrict retrieval to a full word, e.g., S BENZENE/FW. Search locants, which indicate the position of chemical groups, as words, e.g., S 2(W)3.

³ Enhanced abstracts are present in chemical patents from 1963 forward, in all areas 1970 forward. Some pre-1970 patent records with DWPI Accession number ending in Z do not have abstracts. Also, abstracts may not be present for Japan or "minor" countries. Overall, about 88% of records have abstracts.

⁴ First claim: DE since 1968, in German; EP since 1991, in English or Romance language translation; US since 1993, in English; and UK - DWPI Updates 198409 to 199751, in English.

⁵ Available from DWPI Update 199908 forward.

⁶ The Abstract field was redesigned in 1999. Basic Abstracts were renamed as Alerting Abstracts and were enhanced with the Novelty and Technology Focus paragraphs. Equivalent Abstracts were discontinued at the end of 1998 and now are included in the original publication data by authority. For certain time periods, the equivalent abstracts for GB B, EP B, and US A documents were actually the first or main claim. For consistency, this data is now in the Claims (/CM) field.

⁷ Title Index Terms are standardized forms of words from the DWPI enhanced patent title. Each term is indexed as a separate term, so the (S) operator (with /TT) is used to retrieve terms from this field, e.g., S PREPARATION(S)MEDICAMENT/TT.

⁸ Extension Abstracts and Documentation Abstracts can be searched and displayed only in File 350.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
AA=	AA	Main DWPI Accession Number	Phrase	S AA=2004-748020
AC=	AC	Application Country ¹⁰	Phrase	S AC=WO
AC=	AC	Application Country and Kind ^{10,11}	Phrase	S AC=WO A
AC=	PR	Priority Application Country ⁹	Phrase	S AC=EP/PR
AC=	PR	Priority Application Country and Kind ^{9,11}	Phrase	S AC=EP A/PR
AD=	AD	Application Date ¹⁰	Phrase	S AD=20040401
AD=	AD, PR	Priority Application Date ⁹	Phrase	S AD=20030403/PR
AF=	AF	Assignee Status	Phrase	S AF=C
AM=	AD	Application Month ¹⁰	Phrase	S AM=200404
AM=	AD,PR	Priority Application Month ⁹	Phrase	S AM=200304/PR
AN=	AN	Application Number ¹⁰	Phrase	S AN=EP 2004725052 S AN=2004EP-000725052 S AN=EP 1991904930 S AN=EP 91904930 S AN=1991EP-000904930 S AN=EP 20037663/PR S AN=2003EP-000007663/PR
AN=	AN,PR	Priority Application Number ⁹	Phrase	S AU=ALSTERS P L S AU=ALSTERS, PAULUS LAMBERTUS
AU=	IV	Author/Inventor (All) ¹²	Phrase	S AX=2004-748020 S AX=C2004-262893
AX=	AX	Main, Related, and Cross Reference DWPI Accession Numbers ²⁸	Phrase	S AY=2004 S AY=2003/PR
AY=	AY	Application Year ¹⁰	Phrase	S CC=CH S CC=BE/AU S CC=DE/CO
AY=	AY,PR	Priority Application Year ⁹	Phrase	S CK=BYKG S CO=ALTANA?
—	AZ	DIALOG Accession Number		S DS=CH S DS=AU/NA S DS=CH/RN
CC=	CC	All Patent Countries, Designated States, Assignee and Inventor Countries from Addresses	Phrase	S DT=PATENT S DW=200604 S DW=200473/PB S DX=2004-78020 S DX=C2004-262893
CK=	CK	Patent Assignee Code	Phrase	S FD=BASED ON OPI PATENT S FD=WO 2004087718
CO=	CO	Company (Assignee)	Phrase	S FT=BASED ON OPI PATENT S FT=PCT APPLICATION
DS=	DS	Designated States (All)	Phrase	S GL=(GULDEN(W)STRASSE)
DS=	DS	Designated States (National) ⁹	Phrase	S IV=MINK DANIEL S IV=MINK, DANIEL
DS=	DS	Designated States (Regional) ⁹	Phrase	S LA=EN S LA=ENGLISH
DT=	DT	Document Type	Phrase	S LR=WOLF S LR=(WOLF(N)ULRICH) LR=WOLF, ULRICH
DW=	DW	DWPI Update	Phrase	S NC=107 S NN=50414 S NN=87718 S NN=1613637 S NN=87718(S)PC=JP S NN=87718(S)AC=KR
DW=	DW	DWPI Update (Basic)	Phrase	S NP=6 S P1=EP 20037663 S P1=2003EP-000007663
DX=	DX	Main and Related DWPI Accession Numbers	Phrase	S PA=(ALTANA(W)PHARMA) S PA=ALTANA PHARMA AG S PA=BYKG/FF S PC=WO/PB S PC=EP S PC=EP A1 S PC=NO A S PC=WO A1/PB S PC=WO/PB S PD=20060111
FD=	FD	Patent Filing Details (Patent Number, Kind, Language, Pages, Drawings & Filing Notes)	Phrase	
FT=	FD	Patent Filing Notes Text	Phrase	
GL=	GL	Geographic Location for Assignee, Inventor and Agent	Word	
—	IM	Main Image - from Main Drawing Sheet(s) or Clipped Structures(s) ¹⁴		
IV=	IV	Author/Inventor (Original Publication Data)	Phrase	
LA=	LA	Language ¹⁵	Phrase	
LR=	LR	Agent/Legal Representative	Word & Phrase	
NC=	NC	Number of Countries	Phrase	
NN=	NN	Root Number ¹⁶	Phrase	
NP=	NP	Number of Patents	Phrase	
P1=	PR	Priority Application Country, Number and Date (First Priority) ¹⁷	Phrase	
PA=	PA	Patent Assignee	Word & Phrase	
PA=	PA	Patent Assignee Code	Phrase	
PC=	PB	Patent Country (Basic) ⁹	Phrase	
PC=	PC	Patent Country	Phrase	
PC=	PC	Patent Country and Kind ¹¹	Phrase	
PC=	PC	Patent Country and Kind (Basic) ^{9,11}	Phrase	
PD=	PD	Patent Date ¹⁸	Phrase	

ADDITIONAL INDEXES (cont'd)

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
PD= — PM= PM= PN=	PD PI, SO PD PD PN	Patent Date (Basic) ^{9,18} Patent Family Table and Priority Data Patent Month ¹⁸ Patent Month (Basic) ^{9,18} Patent Number ¹³	Phrase Phrase Phrase Phrase	S PD=20041014/PB S PM=200601 S PM=200410/PB S PN=NO 200504977 S PN=EP 1613637
PN=	PN	Patent Number (Basic) ⁹	Phrase	S PN=WO 2004087718/PB S PN=WO 1999022387/PB S PN=WO 9922387/PB
PR=	PR	Priority Application Country, Number and Date ¹⁹	Phrase	S PR=EP 20037663 S PR=2003EP-000007663 S PR=20030403
PY= PY= RT=	PY PY RT	Publication Year ¹⁸ Publication Year (Basic) ^{9,18} Record Type ²⁰	Phrase Phrase Phrase	S PY=2006 S PY=2006/PB S RT=ABSTRACT S RT=IMAGE
TY=	—	Type of Family Member	Phrase	S TY=B S TY=E S TY=ETAB S TY=NCE
UB=	UB	Update - Basic Patent	Phrase	S UB=200614 S UB=9999
UC=	UC	Update - Corrections	Phrase	S UC=200602 S UC=9999
UD=	UD	Update - All Additions and Changes	Phrase	S UD=200645 S UD=9999
UE=	UE	Update - Equivalent Patents	Phrase	S UE=200604 S UE=9999
UI=	UI	Update - Image	Phrase	S UI=200638 S UI=9999
INDEXING AND CLASSIFICATION				
CL=	CL	U.S. Classification	Phrase	S CL=026051500 S CL=026
DC= DN=	DC DN	DWPI Class DCR Number ^{21,22}	Phrase Phrase	S DC=B02 S DN=975061-K S DN=975061 S DN=184612(S)RL=NEW
EC=	EC	European Classification (ECLA and ICO Codes)	Phrase	S EC="G01B-011/06C10" S EC=G01B-011 S EC=G01B S EC="K23B-001:00+0101124" S EC=K23B-001
FS= IA=	FS IC	File Segment IPC8 Attribute	Phrase Phrase	S FS=CPI S IA=B
IC=	IC	International Patent Class (Version 7 or earlier) ²⁷	Phrase	S IC=C07F-0007/18(S)IA=F S IC=C07D-471/14 S IC=C07D-471 S IC=C07D S IC=C07D-471/14/MA S IC=C07D-471/14/OR
IC=	IC	International Patent Class (Version 8) ²⁷	Phrase	S IC=C07F-0007/18 S IC=C07F-0007 S IC=C07F S IC=C07F-0007/OR S IC=C07F-0007/18/RV
ICA= ICC= JA=	IC IC JC	IPC8 Advanced IPC8 Core Japanese Classification: FI Terms: Facet	Phrase Phrase	S ICA=C07D-0471/14 S ICC=C07F-0007/00 S JA=JBF
JC=	JC	Japanese Classification: F Terms: Theme	Phrase	S JC=C09J-003?00(S)JA=JBF S JC=2H186(S)JC=BC51 S JC=2H186
JC=	JC	Japanese Classification: F Terms: Viewpoint	Phrase	S JC=BC51 S JC=BC
JC=	JC	Japanese Classification: FI Terms: IPC-Derived Code	Phrase	S JC=B41J-020/26 S JC=H01L-029(S)JC=100(S)JD=A
JC=	JC	Japanese Classification: FI Terms: Subdivision Symbol	Phrase	S JC=101 S JC=41J-003?04(S)JC=101
JD=	JC	Japanese Classification: FI Terms: Discrimination Symbol	Phrase	S JD=Y S JC=H01L-029(S)JC=100(S)JD=A
JT=	JC	Japanese Classification: FI Terms: Rank and Type	Phrase	S JT=A S JT=MAIN S JC=C09J-003?00(S)JT=Z

ADDITIONAL INDEXES (cont'd)

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
JX=	JC	Japanese Classification: F Terms: Additional Code	Phrase	S JX=B S JC=4G066(S)JC=AC27(S)JX=B
MC=	MC	Manual Codes (Q - X)	Phrase	S MC=Q11-A05
RL=	RL	Role ^{21,22}	Phrase	S RL=U S RL=NEW
SH=	SH	DWPI Subheading ⁵	Phrase	S SH=ORGANIC CHEMISTRY S SH=PHARMACEUTICALS
U8=	UR	Update - International Patent Classification Version 8 (IPC8)	Phrase	S U8=200624 S U8=9999
UK=	UK	Update - Keyword ⁵	Phrase	S UK=200634 S UK=9999
SUBSCRIBER CODING				
CN=	CP	Compound Number (Generic) ^{21,22}	Phrase	S CN=0142-37801-K S CN=0142-37801 S CN=0142-37801(S)RL=K
CN=	CP	Compound Number (Specific) ^{21,22}	Phrase	S CN=RAFR4Z-K S CN=RAFR4Z
—	DI	DWPI Indexing		
DR=	DR	DWPI Registry Number ²³	Phrase	S DR=1779-U S DR=1779
KS=	KS	Plasdoc Codes ^{24,26}	Phrase	S KS=0231
M0=	M0	Chemical Fragment Codes - M0 ^{24,25}	Phrase	S M0=C108
M1=	M1	Chemical Fragment Codes - M1 ²⁴	Phrase	S M1=B614
M2=	M2	Chemical Fragment Codes - M2 ²⁴	Phrase	S M2=M905 S M2=(M905(S)B711(S)E260)
M3=	M3	Chemical Fragment Codes - M3 ²⁴	Phrase	S M3=A137
M4=	M4	Chemical Fragment Codes - M4 ²⁴	Phrase	S M4=A313
M5=	M5	Chemical Fragment Codes - M5 ²⁴	Phrase	S M5=M740
M6=	M6	Chemical Fragment Codes - M6 ²⁴	Phrase	S M6=P450
MC=	MC	Manual Codes (CPI A-N)	Phrase	S MC=B05-B01B
—	MM	All M0 - M6 Codes		
PF=	PF	Polymer Fragment Codes ^{24,26}	Phrase	S PF=506 S PF=(506(S)722)
PS=	PS	Polymer Indexing ^{24,26}	Word & Phrase	S PS=F41 S PS=P0839-R S PS=(ND01(S)Q8026)
RR=	RR	Ring Index Number	Phrase	S RR=56288
UM=	UM	Update - Section B, C, E (M1 - M6) Chemical Fragment Codes	Phrase	S UM=200610 S UM=9999
UP=	UP	Update - Polymer Indexing	Phrase	S UP=200638 S UP=9999

⁹ Special suffixes are used to further restrict the retrieval in appropriate prefixed fields as noted: /NA (National); /RN (Regional); /PB (Patent Basic); /PR (Priority); /MA (Main IPC).

¹⁰ Non-priority application data is included from DWPI Update 198409.

¹¹ EXPAND PC= or enter HELP KIND 351, HELP KIND 352 or HELP KIND 350 online for definitions of the document kind codes.

¹² Present from 1978 forward. Last name of author limited to 10 characters prior to DWPI Update 199216.

¹³ Use MAP to search cited or citing patents in File 342, Derwent Patents Citation Index. Prefixes for Cited Patents and Patent Numbers can be switched using MAP codes: PNCT, PNCG.

¹⁴ Approximately 53% of the records include one or more images.

¹⁵ Prior to DWPI Update 199216, language was coded only for EP and WO patents. Language may not be present if the language of the document is the primary language of the patent country.

¹⁶ The root number is the unadorned Patent Number or Application Number from which the country code, year digits, and any other restricting feature, such as series or region, has been removed. Use this index as a resource when searching in the PN= or AN= index does not retrieve the desired number.

¹⁷ The P1= field contains only the data for the first (earliest) priority in a record, whereas the PR= field contains all priority data in the record.

¹⁸ Not included for all records before 1974.

¹⁹ The PR= field contains all priority data for the record.

²⁰ Record types include: Abstract and Image. Approximately 88% of records include an abstract and 53% include an image.

²¹ DCR numbers with roles for more than 20,000 commonly occurring compounds are included from 1987 forward. DCR numbers with roles for 2,000 commonly occurring compounds are included from 1981 forward.

²² Roles can be linked to Compound Numbers, DCR Numbers, and Keyword Indexing, e.g., S CN=R04654(S)RL=(M OR U).

²³ Included from DWPI Update 198127 forward.

²⁴ Chemical or polymer fragment codes can be linked using the (S) operator, e.g., S M2=(M782(S)R031). Multiple chemical fragment code prefixes can be entered separated by commas, e.g., S M2,M3=(H123(S)H101). These fields cannot be used with the RANK command.

²⁵ Included in pre-1970 records only (non steroid, Sections B,C).

²⁶ Polymer Indexing, PS=, introduced in DWPI Update 199332 to replace Polymer Fragments Codes, PF= (formerly AM=), and Plasdoc Key Serial Codes, KS=, discontinued from DWPI Update 199501.

²⁷ IPC Version 7 and earlier covers classifications assigned from 1970 through 2005 and uses the format ANNA-NNN/NN where A is a letter, and N is a number. From 2006 forward, IPC Version 8 has a 4-digit group value, i.e., -NNN is now -NNNN. Version 7 supports the suffixes /MA for main IPC, Version 8 is part of a major reform, in which classes are updated periodically. Searches can be restricted to the original classification with /OR or to the revised classification with /RV.

²⁸ Cross Reference Derwent Accession Numbers identified as either XRAM or XRPX numbers have been discontinued from week 200906.

Files 351/352,350
SPECIAL FEATURES

Derwent World Patents Index®

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

LIMIT	/ABS -- Abstract Present /ENG -- English Language Patents present /IMAGE -- Image Present /YYYY -- Publication Year	S S1/ABS S S2/ENG S S5/IMAGE S S1/2005
SORT	AA, AU, CK, IC, NP, PA, PD, PN, TI	SORT S5/ALL/PD,D PRINT S7/S/ALL/PA
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Additional RANK codes include: ASSIGNEE (Patent Assignee Code with Assignee Name scope notes), ACPR (Priority Application Country), ADPR (Priority Application Date), AK (Application Country + Kind), ANP1 (First Priority Application Number), ANPR (Priority Application Number), AYPR (Priority Application Year), PACODE (Patent Assignee Code; same as CK), PANAME (Patent Assignee Name; same as CO), PCPB (Basic Patent Country only), PDPB (Basic Patent Date), PK (Patent Country + Kind), PKPB (Basic Patent Country + Kind), PYPB (Basic Patent Year), TT (Title Terms)	RANK ACPR S5
MAP	AA, AARX, AN, ANPR, AU, AX, AXRX, CK, CL, CLMA, CLOR, CLRV, CN, CO, DC, DN, DR, EC, IC, ICOR, ICRV, IV, JC, JCF, JCFI, MC, PA, PACODE, PANAME, PF, PN, PNPB, PNCG, PNCT, PS, RR; Also PNCC and ANCC where CC is a country code for CA, DE, EP, FR, GB, JP, US, or WO	MAP ANPRUS TEMP S3
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	--	Bibliographic Patent Data for Basic Patent only (excluding Equivalent Patents and Filing Details), Alerting Abstract (excluding Technology Focus), Classifications, and Chemical Indexing ^{29,30,31,32}
3	Medium	Bibliographic Patent Data ^{29,35,36}
4	--	Bibliographic Patent Data, Abstracts, Classifications, and Chemical Indexing with Tagged Fields ^{29,30,31,32}
5	--	Bibliographic Patent Data, Alerting Abstract (excluding Technology Focus), and Classifications ^{29,30,31}
6	Free	Title Terms/Additional Words/Index Terms and Main DWPI Accession Number
7	--	Bibliographic Patent Data, Alerting Abstract, Classifications and Original Publication Data by Authority ^{29,30,31,33,35,36}
8	Short	All DWPI Accession Numbers, Classifications and Title Terms ³¹
9	--	Full Record - Bibliographic Patent Data, Abstracts, Classifications, Chemical Indexing, and Original Publication Data by Authority ^{29,30,31,32,33,35,36}
11	--	DIALOG Accession Number and Main DWPI Accession Number
12	--	Bibliographic Patent Data (excluding Filing Details), Alerting Abstract (excluding Technology Focus), Classifications, Chemical Indexing and Main Image (Format 2 plus Main Image) ^{29,30,31,32,34,35,36}
14	--	Bibliographic Patent Data, Abstracts, Classifications, Chemical Indexing, and Main Image with Tagged Fields (Format 4 plus Main Image) ^{29,30,31,32,34}
15	--	Bibliographic Patent Data, Alerting Abstract (excluding Technology Focus), Classifications, and Main Image (Format 5 plus Main Image) ^{29,30,31,34,36}
17	--	Bibliographic Patent Data, Alerting Abstract, Classifications, Original Publication Data by Authority, and Main Image (Format 7 plus Main Image) ^{29,30,31,33,34,36}
19	Full	Full Record - Bibliographic Patent Data, Abstracts, Main Image, Classifications, Chemical Indexing, and Original Publication Data by Authority (Format 9 plus Main Image) ^{29,30,31,32,33,34,36}
23	--	Dialog Accession Number, All DWPI Accession Numbers, Title, Patent Assignee, Alerting Abstract (excluding Technology Focus, IPC Codes, and US Class Codes) ^{35,36}
25	--	Dialog Accession Number, All DWPI Accession Numbers, Patent Assignee, Inventor, Patent Family, Local Applications, Priority Applications, and Alerting Abstract (excluding Technology Focus) ^{35,36}
26	--	Dialog Accession Number, Main DWPI Accession Number and Title
28	--	Dialog Accession Number, All DWPI Accession Numbers, Title Terms, Classifications and Chemical Indexing ^{31,32}
29	--	Dialog Accession Number, Main DWPI Accession Number, Title, and Original Publication Data by Authority ³³
34	Long	Bibliographic Patent Data (except for DWPI Cross Reference & Secondary Accession Numbers), Abstracts, Current IPC Codes & U.S. Class Codes ^{29,30,31}
36	--	Dialog Accession Number, Main DWPI Accession Number, Title and Novelty Section of Alerting Abstract
67	--	Bibliographic Patent Data (with only the Main DWPI Accession Number), Alerting Abstract (excluding Technology Focus), IPC codes and DWPI Class (pre-reload Format 7) ²⁹
69	--	Bibliographic Patent Data, Abstracts, Classifications, and Chemical Indexing (pre-reload Format 9) ^{29,30,31,32,37}
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

²⁹ Bibliographic Patent Data includes Dialog Accession Number, all DWPI Accession Numbers, DWPI Title, Standardized Patent Assignee, Standardized Inventor, Number of Patents, Number of Countries, Patent Family Table with Basic and Equivalents, and Patent Filing Details (Patent Number, Kind, Language, Pages, Drawings, Designated States, and Filing Notes).

³⁰ Abstracts include the Alerting Abstract (Novelty and Technology Focus), Equivalent Abstract, plus Documentation Abstract and Extension Abstract in File 350.

³¹ Classifications include Title Terms/Additional Words, Current IPC Codes, European ECLA Codes, U.S. Class Codes, DWPI File Segment, DWPI Class, Manual Codes and Keyword Indexing.

³² Chemical Indexing includes Chemical Fragment Codes, DWPI Registry Numbers, Ring Index Numbers, Specific Compound Numbers, Generic Compound Numbers, Manual Codes (A - N), Plasdac Codes, Polymer Fragment Codes, and Polymer Indexing.

³³ Original Publication Data by Authority includes Patent Number, Date, and Kind, Original Title, Patent Assignee and Inventor full name and address, Agent name and address, Original Language, Local Application and Priority Numbers, Designated States, Original and Current IPCs and Attributes, plus Author Abstracts and Claims for selected authorities. Please see the Sources section for details.

³⁴ Main Image includes the Main Drawing Sheet(s) or Clipped Structure(s). Images can be displayed when searches are conducted using DialogLink 5, DialogClassic or DialogWeb.

³⁵ The complete patent family table includes patent country, number, kind and date, application country, number, kind and date, and DWPI Update. The simplified table omits application data.

³⁶ The long form of the Filing Details table includes filing notes for family members, language, pages, number of drawings and designated states. The short form includes filing notes only.

³⁷ Due to the specialized formatting of patent family table in this format, use of the TAG option with it is not recommended.

OTHER OUTPUT OPTIONS

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

USER DEFINED FORMATS	Display codes listed in the Search Options tables and country codes listed in the Sources section can be used to customize output.	TYPE S3/PI,US,IM/ALL
TAG	The TAG option can be used to display fields with identifying tags, but Format 4 provides more precise tagging of Patent Family and Filing Details tables.	TYPE S2/6,PA/ALL TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 0014566062/IM PRINT 0014566062/6

FOR ONLINE HELP:

See HELP FIELDS 351 for searchable fields; HELP FORMAT 351 for output formats; HELP LIMIT 351 for limits; HELP RATES 351 for cost information; HELP SORT 351 for sorts.