

RUFULL (Russian Patents Full-Text)

File Subject Coverage	All patent-relevant areas of science and technology, i.e., all classes of the International Patent Classification		
File Type	Full-text		
Features	Thesauri	International Patent Classification (/IPC), Cooperative Patent Classification (/CPC), European Patent Classification (/EPC)	
	Alerts (SDIs)	Weekly or monthly (weekly is the default)	
	CAS Registry Number® Identifiers	<input type="checkbox"/>	SLART <input checked="" type="checkbox"/>
	Keep & Share	<input checked="" type="checkbox"/>	Structures <input type="checkbox"/>
	Register Links	<input checked="" type="checkbox"/>	
Record Content	<ul style="list-style-type: none"> • Database records comprise all documents published for one application. Records contain bibliographic data including patent applicant, inventor, and agent data, patent, application, priority, and related application data, IPC, CPC, and EPO/ICO classification codes, abstract, and full-text of description and claims. • Independent claims and claim groups are searchable for all claims in English. • Standardized and normalized patent assignee names are searchable in their own fields /PAS and /PAN. • Numeric values of 59 physical and chemical properties are searchable in about 20,000 variants of the base and additional units within all full text fields in English. • Ultimate Owners are searchable in the field /UO and /UOS. • Patent Status Indicator is searchable in the field /STI. • Key terms, indexed and displayed in the field /KT, enhance retrieval of relevant results, and make the evaluation of results more efficient. They are useful to broaden search scope more precisely than basic index searches. • Some of the full-text has been created by Optical Character Recognition (OCR) software. Therefore, a small number of characters may have been misinterpreted, or portions of the text may have been incompletely recognized. 		
File Size	<ul style="list-style-type: none"> • Russia: More than 2.69 million family records with more than 3.13 million publications; EAPO: More than 62,500 family records with more than 105,000 publications; Soviet Union: More than 1.42 million family records (01/2026). More than 530,000 clipped images (mostly front-page images). If available, images are included from 1968 onwards. (01/2026) 		
Coverage	<ul style="list-style-type: none"> • Full-text of patent applications, granted patents and utility models published by Federal Service for Intellectual Property in Russia (Rospatent) since 1992 • Eurasian Patent Organization (EAPO) since 1996 • State Committee for Inventions and Discoveries of the former Soviet Union (Goskomizobretenie) from 1924 to 1992 		
Updates	<ul style="list-style-type: none"> • Weekly updates including IPC and CPC • New records are available from Rospatent about six days after publication date with the complete content and from EAPO about nine days after publication date. 		

Language

- English
 - Abstracts, detailed descriptions and claims are machine translated to English or from equivalent documents, titles are human translated.
-

Database Producer

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1043 NX Amsterdam
The Netherlands
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Sources

Patent applications, granted patents, and utility models by the Federal Service for Intellectual Property in Russia (Rospatent), by the Eurasian Patent Organization (EAPO), and by the State Committee for Inventions and Discoveries of the former Soviet Union (Goskomizobretenie)

User Aids

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

Cluster

- AEROTECH
 - ALLBIB
 - AUTHORS
 - CORPSOURCE
 - ENGINEERING
 - FULLTEXT
 - HPATENTS
 - NPS
 - PATENTS
 - PNTTEXT
- [STN Database Cluster](#) information
-

Search and Display Field Codes

If multiple search terms are linked with the AND-operator, all terms are searched in the complete database record, i.e., in all publications referring to one application. For a search in a specific publication of the record, connect the search term and the patent kind code with the (L)-proximity operator, e.g. S BOREHOLE/AB, TI, CLM (L) RUA/PK limits the search to Russian applications RUA.

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 title (TIEN), abstract (AB), detailed description (DETD), claims (CLM), main claims (MCLM) fields), and keyterms (KT)	None or /BI	S TRANSISTOR AND ELECTRODE S ACOUSTIC SENSOR S ?TRANSFER?	TIEN, AB, ABEN, DETD, DETDEN, CLM, CLMEN, MCLM, MCLMEN, KT
Abstract*	/AB	S BOREHOLE/AB	AB
Abstract (English)	/ABEN	S BOREHOLE/ABN	ABEN
Accession Number	/AN	S 4500008 /AN	AN
Agent	/AG	S TOMSKAJA ELENA VLADIMIROVNA/AG	AG
Application Country (WIPO code and text)	/AC	S EA/AC	AI
Application Date (1)	/AD	S AD=JAN 2011	AI
Application Kind Code	/AK	S RUA/AK	AI
Application Number (2)	/AP	S RU 2014-123503/AP	AI
	(or /APPS)		
Application Number Original	/APO	S RU2014123503/APO	APO
Application Year (1)	/AY	S AY>=2005	AI
Claims*	/CLM	S DERIVATION/CLM	CLM
Claims, Claim Groups	/CLM.CG	S DERIVATION/CLM.CG	CLM.CG, CLM
Claims, Independent Claims	/CLM.IC	S DERIVATION/CLM.IC	CLM.IC, CLM
Claims (English)	/CLMEN	S DERIVATION/CLMEN	CLMEN
Cooperative Patent Classification (3)	/CPC	S C12N0009/CPC	CPC
Cooperative Patent Classification, Action Date (1)	/CPC.ACD	S 20121113/CPC.ACD	CPC.TAB
Cooperative Patent Classification, Keyword	/CPC.KW	S C12N0009/CPC (S) I/CPC.KW	CPC.TAB
Cooperative Patent Classification, Version	/CPC.VER	S 20130101/CPC.VER	CPC.TAB
Data Entry Date (1)	/DED	S 20190930-20191031/DED	DED
Data Update Date (1)	/DUPD	S 20190827/DUPD	DUPD
Detailed Description	/DETD	S LASER LIGHT/DETD	DETD
Detailed Description (English)	/DETDEN	S LASER LIGHT/DETDEN	DETDEN
Document Type (code and text)	/DT (or /TC)	S PATENT/DT	DT
Entry Date (1)	/ED	S ED=DEC 2013	ED
Entry Date of Fulltext (1)	/EDTX	S EDTX>20191130	EDTX
EPC, Keyword Terms	/EPC.KW	S B4K /EPC.KW	EPC
European Patent Classification (3)	/EPC	S A01B0001-02H/EPC	EPC
Field Availability	/FA	S ABEN/FA	FA
International Patent Classification (Version 1-8) (ICA, ICI, ICM, ICS, IPCI, IPCR) (3)	/IPC	S A01B0001-16/IPC	IPC
International Patent Classification (Version 1-7) (ICA, ICI, ICM, ICS) (3)	/IC	S A47J0051-14/IC	IC

General Search Fields (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Inventor	/IN (or /AU)	S PARK A REUM/IN	IN
Inventor, Country (WIPO code and text)	/IN.CNY	S RU/IN.CNY	IN, IN.CNY
IPC, Action Date (1)	/IPC.ACD	S 13 JAN 2006/IPC.ACD	IPC.TAB
IPC Additional	/ICA (or /IPCA/)	S F16H0057-04/ICA	ICA, IC
IPC Index (complementary)	/ICI	S B29K0301:12/ICI	ICI, IC
IPC Initial	/IPCI	S B21B0001/IPCI	IPCI, IPC
IPC, Keyword Terms	/IPC.KW	S INITIAL/IPC.KW	IPC.TAB
IPC Main	/ICM (or IPCM)	S B29B001-06/ICM	ICM, IC
IPC Reclassified	/IPCR	S B21D0007-08/IPCR	IPCR, IPC
IPC, Reform	/IPC.REF	S A01B0001-16/IPC.REF	IPC.TAB
IPC Secondary	/ICS (or IPCS)	S B29H003-00/ICS	ICS, IC
IPC, Version	/IPC.VER (or IC.VER)	S 7/IPC.VER	IPC.TAB
Key Terms*	/KT	S (LASER (3A) SOURCE?)/KT S ?ELASTIC/KT	KT
Language (code and text)	/LA	S RU/LA	LA
Language, Filing (code and text)	/LAF	S RU/LAF	LAF
Main Claim*	/MCLM	S LASER/MCLM	MCLM
Main Claim (English)		S LASER/MCLMEN	MCLMEN
Number of Claims (1)	/CLMN	S 5-10/CLMN	CLMN
Number of Paragraphs in DETD (Detailed Description) (1)	/DETN	S 20-30/DETN	DETN
Patent Assignee (4)	/PA (or /CS)	S SAMSUNG/PA	PA
Patent Assignee, Country	/PA.CNY	S RU/PA.CNY	PA, PA.CNY
Patent Assignee Normalized (4)	/PAN	S SAMSUNG/PAN	PAN
Patent Assignee Standardized (4)	/PAS	S SAMSUNG AEROSPACE INDUSTRIES/PAS	PAS
Patent Country (WIPO code and text)	/PC	S EA/PC	PI
Patent Information Type	/PIT	S "RUA APPLICATION FOR INVENTION (PUBLISHED FROM 19921014)"/PIT	PIT
Patent Kind Code	/PK	S RUA3/PK	PI
Patent Number (2)	/PN (or /PATS)	S EA2015091398/PN	PI
Patent Number Original	/PNO	S RU2014123503/PNO	PNO
Patent Number/Kind Code	/PNK	S RU2733410 C2/PNK	PI
Patent Status Established Date	/STED	S 20250227/STED	STED
Patent Status Indicator	/STI	S ALIVE/STI S A/STI	STI
Physical Properties	/PHP	S PHV/PHP (S) BUFFER/BI	KWIC
Priority Country (WIPO code and text)	/PRC	S RU/PRC S KOREA, REPUBLIC OF/PRC	PRN
Priority Date (1)	/PRD	S PRD=MAY, 20 2003 S 20030520/PRD	PRN
Priority Date First (1)	/PRDF	S 20010704/PRDF	PRN
Priority Number (2)	/PRN	S AT1982-2615/PRN	PRN
Priority Number Original	/PRNO	S AT1000200/PRNO	PRNO, PRAO

General Search Fields (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Priority Year (1)	/PRY	S 1999/PRY	PRN
Priority Year First (1)	/PRYF	S 1999/PRYF	PRN
Publication Date (1)	/PD	S 19990108/PRD	PI
Publication Year (1)	/PY	S 2017/PY	PI
Related Application Country	/RLC	S WO/RLC	RLI
Related Application Number	/RLN	S WO1982-JP51/RLN	RLI
Related Application Date (1)	/RLD	S 20120109/RLD	RLI
Related Application Type	/RLT	S PCT APPLICATION/RLT	RLI
Related Application Year (1)	/RLY	S 2017/RLY	RLI
Related Patent Country	/RLPC	S WO/LRPC	RLPI
Related Patent Number	/RLPN	S WO2000000176/RLPN	RLPI
Related Publication Date (1)	/RLPD	S 20200220/RLPD	RLPI
Related Publication Year (1)	RLPY	S 20200220/RLPY	RLPI
Title*	/TI	S LASER/TI	TI
Title (English)	/TIEN	S LASER/TIEN	TIEN
Ultimate Owner (4)	/UO	S NOKIA/UO	UO
Ultimate Owner Standardized (4)	/UOS	S NOKIA/UOS	UOS
Update Date (1)	/UP	S 20191113/UP	UP
Update Date Text (1)	/UPTX	S 20210901/UPTX	UPTX

- (1) Numeric search field that may be searched using numeric operators or ranges.
(2) By default, patent numbers, application and priority numbers are displayed in STN Format. To display them in Derwent format, enter SET PATENT DERWENT at an arrow prompt. To reset display to STN Format, enter SET PATENT STN.
(3) An online thesaurus is available in this field.
(4) Search with implied (S) proximity is available in this field.

Super Search Fields

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.

Search Field Name	Search Code	Fields Searched	Search Examples	Display Codes
Application Number Group	/APPS	AP, APO, PRN, PRNO, RLN	S RU2017-117295 APPS	AI, APO, PRAI, PRNO, RLI, APPS
Patent Assignee Group	/PASS	PA, PA.T, PAS, PAN, UO	S SAMSUNG/PASS	PA, PAS, PAN, PASS
Patent Number Group	/PATS	PN, PNO, RLPN	S RU2747967/PATS	PN, PNO, RLPI, PATS

Property Fields (1)

In RUFULL a numeric search for a specific set of physical properties (/PHP) is available within the full-text fields (TI, AB, DETD, CLM, BI). The numeric values are not displayed as single fields but highlighted within the hit displays.

Use EXPAND/PHP to search for all available physical properties. A search with the respective field codes will be carried out in all database fields with English text. The /PHP index contains a complete list of codes and related text for all physical properties available for numeric search.

Field Code	Property	Unit	Symbol	Search Examples
/AOS	Amount of substance	Mol	mol	S 10 /AOS
/BIR	Bit Rate	Bit/Second	bit/s	S 8000-10000/BIR
/BIT	Stored Information	Bit	Bit	S BIT > 3 MEGABIT
/CAP	Capacitance	Farad	F	S 1-10 MF/CAP
/CATA	Catalytic Activity	Katal	kat	S 1-10/CATA
/CDN	Current Density	Ampere/Square Meter	A/m ²	S CDN>10 A/M**2
/CMOL	Molarity, Molar Concentration	Mol/Liter	mol/L	S UREA/BI (S) 8/CMOL
/CON	Conductance	Siemens	S	S 1S-3/CON
/DB	Decibel	Decibel	dB	S DB>50
/DEG	Degree	Degree	°	S CYLINDER/BI (S) 45/DEG
/DEN (/C)	Density (Mass Concentration)	Kilogram/Cubic Meter	kg/m ³	S 5E-3-10E-3/DEN
/DEQ	Dose Equivalent	Sievert	Sv	S 100/DEQ
/DOA	Dosage	Milligram/Kilogram/Day	mg/kg/day	S 300/DOA
/DOS (/LD50)	Dosage	Milligram/Kilogram	mg/kg	S DOS>0.8
/DV	Viscosity, dynamic	Pascal * Second	Pa * s	S DV>5000
/ECH (/CHA)	Electric Charge	Coulomb	C	S 0.0001-0.001/ECH
/ECO (/ECND)	Electrical Conductivity	Siemens/Meter	S/m	S ECO>800 S/M (15A) AQUEOUS
/ELC (/ECC)	Electric Current	Ampere	A	S 1-10/ELC
/ELF (/ECF)	Electric Field	Volt/Meter	V/m	S 200/ELF
/ENE	Energy	Joule	J	S DROPLETS (10A) 40 JOULE - 70 JOULE /ENE
/ERE (/ERES)	Electrical Resistivity	Ohm * Meter	Ohm * m	S ERE>0.1
/FOR	Force	Newton	N	S 50 N /FOR
/FRE (/F)	Frequency	Hertz	Hz	S OSCILLAT?/BI (S) 1- 3/FRE
/IU	International Unit	none	IU	S IU>1000 (P) VITAMIN A
/KV	Viscosity, kinematic	Square Meter/Second	m ² /s	S METHYLPOLYSILOXANES/BI (10A) 200-300 CST /KV
/LEN (/SIZ)	Length, Size	Meter	m	S 1-4/LEN
/LUME	Luminous Emittance, Illuminance	Lux	lx	S 10-50/LUME
/LUMF	Luminous Flux	Lumen	Lm	S LUMF>1000
/LUMI	Luminous Intensity	Candela	cd	S LUMI<4
/M	Mass	Kilogram	kg	S ALLOY/BI (30A) 1E-10-1E- 5/M
/MCH	Mass to Charge Ratio	none	m/z	S MCH=1

Property Fields ⁽¹⁾ (cont'd)

Field Code	Property	Unit	Symbol	Search Examples
/MFD (/MFS)	Magnetic Flux Density	Tesla	T	S MFD>102
/MFR (/MFL)	Mass Flow Rate	Kilogram/Second	kg/s	S MFR<0.1
/MFST	Magnetic Field Strength	Ampere/Meter	A/m	S MFST/PHP
/MM (/MW, /MOM)	Molar Mass	Gram/Mol	g/mol	S 2000-3000 G/MOL/MM
/MOLS	Molality of Substance	Mol/Kilogram	mol/kg	S 01.-10 MOL/KG/MOLS
/MVR	Melt Volume Rate, Melt Flow Rate	none	g/10 min	S 3/MVR
/PER	Percent (Proportionality)	none	%	S POLYMER?/AB (5A) 4/PER
/PHV (/PH)	pH Value	pH	pH	S 7.4-7.6/PHV
/POW (/PW)	Power	Watt	W	S "HG-XE-?"/BI (S) 100-200 WATT/POW
/PPM	Parts per million	Ppm	ppm	S 100 PPM /PPM (10A) ADDITIVE/BI
/PRES (/P)	Pressure	Pascal	Pa	S (VACUUM (5A) DISTILL?)/BI (S) 1000- 1100/PRES
/RAD	Radioactivity	Becquerel	Bq	S RAD/PHP
/RES	Electrical Resistance	Ohm	Ohm	S SENSOR /BI (S) 10- 100/RES
/RI	Refractive Index	none		S 3-4/RI
/RSP	Rotational Speed	Revolution/Minute	rpm	S 2 RPM - 100 RPM /RSP (S) ENGINE/BI
/SAR	Area /Surface Area	Square Meter	m ²	S PLATE/BI (S) 10 M**2 - 100 M**2 /SAR
/SOL (/SLB)	Solubility	Gram/100 gram	g/100 g	S SOL>20 G/100G (5A) WATER
/SSAM	Specific Surface Area, Mass	Square Meter/ Kilogram	m ² /kg	S 9/SSAM
/STSC	Surface Tension, Spring Constant	Joule /Square Meter	J/m ²	S 60 J/M**2/STSC
/TCO (/TCND)	Thermal Conductivity	Watt/Meter * Kelvin	W/m * K	S 1/TCO (S) HEAT?
/TEMP (/T)	Temperature	Kelvin	K	S 20-25/TEMP
/TEX	Tex	Gram/Kilometer	g/km	S 1-5/TEX
/TIM	Time	Second	s	S ?INCUB?/BI (10A) 50 S - 150 S /TIM
/VEL (/V)	Velocity	Meter per Second	m/s	S REDUC?/BI (S) 1E-3-5E- 3/VEL
/VELA	Velocity, angular	Radian/Second	rad/s	S VELA>10
/VLR	Volumetric Flow Rate	Cubic Meter/Second	m ³ /s	S 1 M**3/S - 2 M**3/S /VLR (S) ABRASIVE
/VOL	Volume	Cubic Meter	m ³	S 1E-8-2E-8/VOL.EX
/VOLT	Voltage	Volt	V	S TENSION/BI (10A) 5E-3 V <VOLT<7E-3 V

(1) Exponential format is recommended for the search of particularly high or low values, e.g., 1.8E+7 or 1.8E7 (for 18000000) or 9.2E-8 (for 0.00000092).

International Patent Classification (/IPC) Thesaurus

The classifications, validity 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.

Code	Content	Examples
ADVANCED (ADV)	Advanced Codes for the Core Level IPC Code	E A61K0006-06+ADVANCED/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 (BT, SELF)	E C01F001-00+BT/IPC
CORE (COR)	Core Codes for the Advanced Level IPC Code	E G08C0019-22+CORE/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 C01B003-00+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

ECLA (/EPC) and ICO Thesauri

These thesauri are available in the /EPC search field (for ECLA codes) and /ICO search field (for 'in-computer-only' codes). All relationship codes can be used with both the EXPAND and SEARCH commands.

Relationship Code	Content	Search Examples
ALL	All usually required terms (BT, SELF, CODE, DEF)	E C12M0001-34H2+ALL/EPC
AUTO (1)	Automatic relationship (BT, SELF, CODE, DEF)	E G01J003-443+AUTO/EPC
BT	Broader terms (BT, SELF)	E G01J0003-443+BT/EPC
CODE	Classification Code (SELF, CODE)	E SCRAPER BIASING MEANS+CODE/EPC
DEF	Definition (SELF, DEF)	E B65G0045-16+DEF/EPC
HIE	Hierarchy terms (all broader and narrower terms) (BT, SELF, DEF, NT)	E A01B0001+HIE/EPC
KT	Keyword terms (SELF, KT)	E LASER+KT/EPC
MAX	All associated terms	E G01J0003-44B+MAX/EPC
NEXT	Next classification within the same class (SELF, NEXT)	E A01B0001-24+NEXT/EPC
NEXT(n)	Next n classification within the same class	E A01B0001-24+NEXT3/EPC
NT	Narrower terms	E G05B0001-04+NT/EPC
PREV	Previous Code within the same class (SELF, PREV)	E G05B0019-418N1+PREV/EPC
PREV(n)	Previous n classifications within the same class	E G05B0019-418N1+PREV2/EPC
TI	Complete Title of the SELF Term and Broader Terms (BT, SELF)	E G05B0001-03+TI/EPC

- (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.

CPC Thesaurus

This thesaurus is available in the /CPC search field. All relationship codes can be used with both the EXPAND and SEARCH commands.

Relationship Code	Content	Search Examples
ALL	All usually required terms (BT, SELF, CODE, DEF)	E C12M0001-005+ALL/CPC
AUTO (1)	Automatic relationship (BT, SELF, CODE, DEF)	E G01J003-443+AUTO/CPC
BT	Broader terms (BT, SELF)	E G01J0003-443+BT/CPC
CODE	Classification Code (SELF, CODE)	E CARTRIDGES+CODE/CPC
DEF	Definition (SELF, DEF)	E B65G0045-16+DEF/CPC
HIE	Hierarchy terms (all broader and narrower terms) (BT, SELF, DEF, NT)	E A01B0001+HIE/CPC
KT	Keyword terms (SELF, KT)	E LASER+KT/CPC
MAX	All associated terms	E G01J0003-44+MAX/CPC
NEXT	Next classification within the same class (SELF, NEXT)	E A01B0001-24+NEXT/CPC
NEXT(n)	Next n classification within the same class	E A01B0001-24+NEXT3/CPC
NT	Narrower terms	E G05B0001-04+NT/CPC
PREV	Previous Code within the same class (SELF, PREV)	E G05B0019-00+PREV/CPC
PREV(n)	Previous n classifications within the same class	E G05B0019-00+PREV2/CPC
TI	Complete Title of SELF Term and Broader Terms (BT, SELF)	E G05B0001-03+TI/CPC

- (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.

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 PA. The fields are displayed or printed in the order requested.

The information of the latest publication is displayed by default. To display the content for all levels of the record you can combine all display fields and formats with the qualifier .M except FA, SCAN, and TRIAL.

For displaying a particular publication of a database record, you can simply add for certain display field the kind code to the appropriate display format, e.g., ALL.A. Fields that allow this are indicated by a number (3).

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

The default display format is STD.M, i.e., all publication levels of one family in the STD format.

In all predefined formats APO and PRAO with the non-standardized application or priority numbers are displayed if the standardized numbers in AI and PRAI are not available.

Format	Content	Examples
AB (ABS)	Abstract	D TI AB 1-5
ABEN	Abstract (English)	D ABEN
AI (AP) (1)	Application Information	D AI
AG	Agent	D AG
AN	Accession Number	D L3 AN
APO	Application Number Original	D APO
CLM	Claims	D CLM
CLM.CG	Claims, Claim Group	D CLM.CG
CLM.IC	Claims, Independent Claims	D CLM.IC
CLMEN	Claims (English)	D CLMEN
CLMN (2)	Number of Claims	D CLMN
CPC	Cooperative Patent Classification	D CPC
CPC.TAB	CPC, Tabular	CPC.TAB
DETD (3)	Detailed Description	D DETD
DETDEN (3)	Detailed Description (English)	D DETDEN
DETN (2)	Number of Paragraphs in DETD	D DETN
DT (TC)	Document Type	D DT
ED	Entry Date	D ED
EDP	Entry Date Patent	D EDP
EDTX	Entry Date of Fulltext	D EDTX
EPC	European Patent Classification	D EPC
FA	Field Availability (for all publication levels)	D FA
IC	International Patent Classification, Version 1-7 (ICM, ICS, ICA, IC)	D IC
ICA	IPC Additional	D ICA
ICI	IPC Index	D ICA
ICM	IPC Main	D IC
ICO	In-Computer-only Classification	D ICO
ICS	IPC Secondary	D ICS
IN (AU)	Inventor (English)	D IN
IN.CNY	Inventor, Country	D IN.CNY
IPC	International Patent Classification, Version 1-8 (IPCI, IPCR, ICM, ICS, ICA, ICI)	D IPC
IPCI	IPC Initial	D IPCI
IPCR	IPC Reclassified	D IPCR
KT	Key Terms	D KT
LA	Language	D LA
LAF	Language of Filing	D LAF
MCLM	Main Claim	D MCLM
MCLMEN	Main Claim (English)	D MCLMEN

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
PA (CS) PA.CNY PAN PAS PI (PN, PATS) (1) PIT PNO PRN (PRAI) (1,5) PRNO (PRAO) (2) RLI RLPI STED STI TI TIEN UO UOS UP UPTX	Patent Assignee Patent Assignee, Country Patent Assignee Normalized Patent Assignee Standardized Patent Information Patent Information Type Patent Number Original Priority Information Priority Number Original Related Application Information Related Patent Information Patent Status Established Date Patent Status Indicator Title Title (English) Ultimate Owner Ultimate Owner Standardized Update Date Update Date Text	D PA D PA.CNY D PAN D PAS D PI D PIT D PNO D PRN D PRNO D RLI D RLP D RLP D STED D STI D TI D TIEN D UO D UOS D UP D UPTX
ALL (1) ALLG IALL (1) IALLG DALL (1) APPS (1) BIB (1) BIBG IBIB (1) IBIBG BRIEF (1) BRIEFG IBRIEF (1) IBRIEFG IND IPC IPC.TAB CPC.TAB MAX (ALL.M) (1) MAXG (ALLG.M) IMAX (IALL.M) (1) IMAXG (IALLG.M) SCAN (4) STD (1) STDG ISTD (1) TRIAL (TRI, SAM, SAMPLE, FREE) TX	AN, EDP, ED, UP, EDTX, UPTX, DED, DUPD, TIEN, TIRU, IN, PA, PAS, PAN, UO, UOS, AG LAF, LA, DT, PI, PIT, STI, AI, , PRAI, RLPI, RLI,, ICM, ICS, ICA, ICI, IPCI, IPCR, CPC, EPC, ICO, ABEN, DETDEN, CLMEN, KT ALL, plus graphic image ALL, indented with text labels IALL, plus graphic image ALL, delimited for post processing AI, RLN, PRAI AN, EDP, ED, EDTX, UP, UPTX, DED, DUPD, TIEN, TIRU, IN, PA, PAS, PAN, UO, UOS, AG LAF, LA, DT, PI, PIT, STI, AI, PRAI, RLPI, RLII BIB, plus graphic image BIB, indented with text labels IBIB, plus graphic image AN, EDP, ED, EDTX, UP, UPTX, DED, DUPD, TIEN, TIRU, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PI, PIT, STI, AI, PRAI, RLPI RLI, ICM, ICS, ICA, ICI, IPCI, IPCR, CPC, EPC, ICO, ABEN, MCLMEN, KT BRIEF, plus graphic image BRIEF, indented with text labels IBRIEF, plus graphic image ED, IPC (ICM, ICS, IPCI, IPCR), CPC International Patent Classification (ICM, ICS, IPCI, IPCR) IPC, IPC.KW, IPC.VER, in tabular version CPC, in tabular version AN, EPD, ED, EDTX, UP, UPTX, DED, DUPD, TIEN, TIRU, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PI, PIT, STI, AI, PRAI, RLPI, RLI, ICM, ICS, ICA, ICI, IPCI, IPCR, CPC, EPC, ICO, ABEN, DETDEN, CLMEN, KT, FA for all levels of publication MAX, plus graphic image MAX, indented with text labels IMAX, plus graphic image TI (random display without answer numbers) AN, EPD, ED, EDTX, UP, UPTX, DED, DUPD, TIEN, TIRU, IN, PA, PAS, PAN, UO, UOS, AG, LAF, LA, DT, PI, PIT, STI, AI, PRAI, RLPI, RLI, ICM, ICS, ICA, ICI, IPCI, IPCR, CPC, EPC, ICO (STD.M is default) STD, plus graphic image STD, indented with text labels EDP, ED, EDTX, UP, UPTX, DED, DUPD, TIEN, TIRU, FA, DETN, CLMN DETDEN, CLMEN	D ALL D ALLG D IALL D IALLG D DALL D APPS D BIB D BIBG D IBIB D IBIBG D BRIEF D BRIEFG D IBRIEF D IBRIEFG D IND D IPC D IPC.TAB D CPC.TAB D MAX D MAXG D IMAX D IMAXG D SCAN D STD D STDG D ISTD D TRIAL D TX

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
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) By default, patent numbers, application and priority numbers are displayed in STN Format. To display them in Derwent format, enter SET PATENT DERWENT at an arrow prompt. To reset display to STN Format, enter SET PATENT STN.
- (2) Custom display only.
- (3) You can combine this display field with the qualifier .PK (Patent Kind Code) to display the content for a certain publication level of a record, e.g., CLM.B2.
- (4) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.
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SELECT, ANALYZE, and SORT Fields

The SELECT command is used to create E-numbers containing terms taken from the specified field(s) in an answer set.

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Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y	Y
Abstract (English)	ABEN	Y	N
Accession Number	AN	Y	N
Application Country	AC	Y	Y
Application Date	AD	Y	Y
Application Information	AI (AP, APPS)	Y (2)	Y
Application Kind Code	AK	Y	Y
Application Number Original	APO	Y	N
Application Year	AY	Y	Y
CPC Classification	CPC	Y	Y
Document Type	DT	Y	Y
Entry Date	ED	Y	Y
Entry Date Full-Text	EDTX	Y	Y
EPC	EPC	Y	Y
Field Availability	FA	Y	N
ICO	ICO	Y	Y
International Patent Classification	IC	Y	N
Inventor	IN (AU)	Y	Y
Inventor, Country	IN.CNY	Y	Y
Inventor, Total	IN.T	Y	Y
Inventor Address	INA	Y	Y
IPC (ICM, ICS, IPCI, IPCR)	IPC	Y	Y
IPC Additional	ICA	Y (3)	N
IPC, Advanced Level Symbols	IIPC.AI	Y	Y

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
IPC, Advanced Level Symbols for Invention	IPC.AI	Y (3)	N
IPC, Core Level Symbols	IPC.C	Y	Y
IPC, Core Level Symbols for Invention	IPC.CI	Y	N
IPC Index	ICI	Y	Y
IPC Initial	IPCI	Y	Y
IPC Main	ICM	Y	Y
IPC Reclassified	IPCR	Y	Y
IPC, Reform	IPC.REF	Y	N
IPC Secondary	ICS	Y	Y
Key Terms	KT	Y	N
Language	LA	Y	Y
Language of Filing	LAF	Y	Y
Number of Paragraphs in DETD	DETN	N	Y
Occurrence Count of Hit Terms	OCC	N	Y
Patent Assignee	PA (CS)	Y	Y
Patent Assignee, Country	PA.CNY	Y	Y
Patent Assignee Normalized	PAN	Y	Y
Patent Assignee Standardized	PAS	Y	Y
Patent Country	PC	Y	Y
Patent Information Type	PIT	Y	Y
Patent Kind Code	PK	Y	Y
Patent Number	PI (PN, PATS)	Y (default)	Y
Patent Status Established Date	STED	Y	Y
Patent Status Indicator	STI	Y	Y
Patent Number Original	PNO	Y	Y
Patent Number/Kind Code	PNK	Y	Y
Pre-IPC8 Symbols from ICM and first IPC8 values from 2006-present	IPC.F	Y (3)	Y
Priority Country	PRC	Y	Y
Priority Date	PRD	Y	Y
Priority Date First	PRDF	Y	Y
Priority Number	PRN (PRAI)	Y	Y
Priority Number Original	PRNO	Y	Y
Priority Year	PRY	Y	Y
Priority Year First	PRYF	Y	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y
Related Application Country	RLC	Y	Y
Related Application Number	RLN	Y	Y
Related Application Date	RLD	Y	Y
Related Application Type	RLT	Y	Y
Related Application Year	RLY	Y	Y
Related Patent Country	RLPC	Y	Y
Related Publication Date	RLPD	Y	Y
Related Patent Number	RLPN	Y	Y
Related Publication Year	RLPY	Y	Y
Title	TI	Y	Y
Title (English)	TIEN	Y	Y
Ultimate Owner	UO	Y	Y
Ultimate Owner Standardized	UOS	Y	Y
Update Date	UP	Y	Y
Update Date Text	UPTX	Y	Y

- (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) Selects or analyzes application numbers with /AP appended to the terms created by SELECT.
- (3) Appends /IPC to the terms created by SELECT.

Sample Records**DISPLAY BIB**

AN 2016754 RUFULL EDP 20210811 ED 20210811 UP 20250401 EDTX 20210811
DED 20120820 DUPD 20250325 Full-text

TIEN N-OXYCARBONYL-SUBSTITUTED 5-DEOXY-5-FLUOROCYTIDINES AND PHARMACEUTICAL
FORMULATION

TIRU N-ОКСИКАРБОНИЛЗАМЕЩЕННЫЕ 5'-ДЕОКСИ-
5-ФТОРЦИТИДИНЫ И ФАРМАЦЕВТИЧЕСКИ
Й ПРЕПАРАТ

IN ARASAKI Motokhiro, JP
IShITSUKA Khideo, JP
KURUMA Isami, JP
MIVA Masanori, JP
MURASAKI Chikako, JP
ShIMMA Nobuo, JP
UMEDA Isao, JP

PA F.KhOFFMANN-LJa ROSH AG, CH

PAS F.KHOFFMANN LJA ROSH

UO ROCHE HOLDING AG

UOS Roche

LAF Russian

LA Russian

DT Patent; (Fulltext)

PI RU 2458932 C2 20120820

PIT RUC2 PATENT FOR INVENTION (2ND PUBL.) [FROM NO. 2000001 ONWARDS]

STI DEAD

AI RU 1993-56196 19931216

PRAI EP 1992-121538 19921218

DISPLAY ISTD.M

ACCESSION NUMBER: 4521696 RUFULL

ENTRY DATE PATENT: 20220426 Full-text

ENTRY DATE: 20220426

UPDATE DATE: 20240917

DATA ENTRY DATE: 20220421

DATA UPDATE DATE: 20240910

TITLE (ENGLISH): A METHOD FOR OBTAINING ACTIVATED MESOPOROUS CARBON FROM LIGNIN-
CONTAINING RAW MATERIALS

TITLE (RUSSIAN): СПОСОБ ПОЛУЧЕНИЯ АКТИВИРОВАН
НОГО МЕЗОПОРИСТОГО УГЛЯ ИЗ
ЛИГНИНСОДЕРЖАЩЕГО СЫРЬЯ

ULTIMATE OWNER: BELARUSIAN STATE UNIVERSITY

ULTIMATE OWNER STANDARD: Belarusian State University

LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: Russian

DOCUMENT TYPE: Patent

PATENT INFORMATION: EA 2021000056 A1 20220314

PATENT INFO. TYPE: EAA1 PUBLICATION OF APPLICATION WITH SEARCH REPORT

PATENT STATUS INDICATOR: INDETERMINATE

APPLICATION INFO.: EA 2021-56 A 20201215

PRIORITY INFO.: EA 2021-56 20201215

IPC ORIGINAL: C01B0032-318 [I,A]

ACCESSION NUMBER: 4521696 RUFULL

ENTRY DATE PATENT: 20220426 Full-text

ENTRY DATE: 20220426

UPDATE DATE: 20220503

DATA ENTRY DATE: 20220421

DATA UPDATE DATE: 20220427

TITLE (ENGLISH): METHOD FOR PRODUCING ACTIVATED MESOPOROUS CARBON FROM LIGNIN-
CONTAINING RAW MATERIALS

TITLE (RUSSIAN): СПОСОБ ПОЛУЧЕНИЯ АКТИВИРОВАННОГО МЕЗОПОРИСТОГО УГЛЯ ИЗ ЛИГНИНСОДЕРЖАЩЕГО СЫРЬЯ

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PATENT APPL. STANDARD.: ESTABLISHMENT OF THE BELARUSIAN STATE UNIV RESEARCH INSTITUTE FOR PHYSICAL CHEMICAL PROBLEMS RI PCP

ULTIMATE OWNER: BELARUSIAN STATE UNIVERSITY

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LANGUAGE OF FILING: English

LANGUAGE OF PUBL.: Russian

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PATENT INFORMATION: EA 39799 B1 20220315

PATENT INFO. TYPE: EAB1 PATENT

PATENT STATUS INDICATOR: INDETERMINATE

APPLICATION INFO.: EA 2021-56 A 20201215

PRIORITY INFO.: EA 2021-56 20201215

IPC ORIGINAL: C01B0032-318 [I,A]

DISPLAY ALL (STN format)

AN 2177517 RUFULL EDP 20210811 ED 20210811 UP 20230214 EDTX 20210811
 DUPD 20230207 Full-text

TIEN DEVICE FOR CRYOMASSAGE

TIRU УСТРОЙСТВО ДЛЯ КРИОМАССАЖА

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 Skipidarov Sergej Jakovlevich[RU]
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 Spetsializirovannoe konstruktorsko-tehnologicheskoe bjuro "Nord", RU

PAS SPETSIALIZIROVANNOE KONSTRUKTORSKO TEKHNOLOGICHESKOE BJURO NORD;

UO RELIN; RELIN A

UOS RELIN; RELIN A

LAF Russian

LA Russian

DT Patent; (Fulltext)

PI RU 2047298 C1 19951110

PIT RUC1 PATENT FOR INVENTION [FROM NO. 2000001 ONWARDS]

STI DEAD

AI RU 1993-31379 A 19930527

PRAI RU 1993-31379 19930527

ICM A61H0007-00 (6)

ICS F25B0001-02 (6)

IPCI A61H0007-00 [I,A]; F25B0001-02 [I,A]

IPCR A61F0007-00 [I,A]; A61F0007-02 [I,A]; F25B0021-04 [N,A]

CPC A61F2007-0003; A61F2007-0296; A61F2007-0075; A61F0007-007; F25B0021-04; F25B2321-0251

EPC A61F0007-00E

ICO K61F0007-02T2; R25B0021-04; R25B0321-0251; K61F0007-00A2A; K61F0007-00E2

ABEN

Original

FIELD: physical therapy apparatus; cooling massage. SUBSTANCE: device has massage units 1 and 2, each unit has casing containing thermocontact plate, heat removal system and thermoelements. Unit for heating or cooling thermocontact plate includes direct current supply unit. Automatic contrast thermocycle unit is placed between direct current supply unit and switching member. EFFECT: enhanced effectiveness of massage. 7 cl, 6 dwg

DETDEN

[DESC0001] The invention relates to medical equipment and can be used in devices for kriomassazha , mainly used in prophylactic or conducive at face skin massage in cosmetic purposes.

[DESC0002] Is known device for kriomassazha , containing massage unit, including body, in which there are installed: teplokontaktная plate, heat removal system and thermal members, and agent for heating or cooling thermocontact plate, including direct current source, connected through switching element to termoelementam. Known device is used predominantly for massage face skin, besides transfer from of heating to cooling is effected by means of switching of massazherom switching element.

[DESC0003] On Figure 1 is shown massage unit with articulated joint, formed surface of body; on Figure 2 massage unit with articulated joint, forming surface of heat removal system; on Figure 3 teplokontaktная plate with support element; on Figure 4 common type of device; on Figure 5 common type of device with members pressing, consisting of two identical parts; on Figure 6 unit-circuit electric part of device.

CLMEN

[CLM0001] 1. Device for KRIOMASSAZhA , containing massage unit, including body, in which there are installed teplokontaktная plate, heat removal system and thermal members, and agent for heating or cooling thermocontact plate, including direct current source, connected through switching element to termoelementam , characterized in that, it is equipped with the unit of the automatic contrast thermal cycling, located between source of direct current and switching element, holder with hole for massage unit and members pressing teplokontaktной plate to skin, interacting with holder, also the latter is located on member pressing with the possibility of displacement along it.

[CLM0002] 2. Device according to Claim 1, characterized in that unit for automatic contrast thermal cycling is made in the form of series-connected voltage stabilizer and pulse generator, wherein the input voltage stabilizer is connected to the output of the source of direct current, and output pulse generator is connected to the commutation element.

KT

local skin massage; teplokontaktных plate; physical therapy apparatus; alyumoksidной ceramic; beryllium oxide; automatic contrast; massage face skin; holder massage; plate holder groove; heat removal system; teplokontaktные plate; teplokontaktную plate; series-connected voltage stabilizer; session duration massage; fixation massage block; switching element; element holder; body massage; hole holder; external spherical surface; convex spherical surface; semiconductor branch electronic conductivity; teplokontaktная plate; supporting element; arc-shaped spring; contrast thermal cycling; thermal member; galvanic element; curvilinear groove; input voltage stabilizer

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