



DEPATISNET



Deutsches
Patent- und Markenamt

DEPATISnet




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Services


- DPMaregister**
Official Publications and Register for patents, utility models, trade marks and designs
- DEPATISnet**
Electronic patent document archive
- DPMAdirekt**
Filing IP applications online

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- [Forms/Brochures](#)
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Application


- [Patent](#)
- [Utility Model](#)
- [Trade Mark](#)
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Press Portal




Warning



Patent Prosecution Highway



Trade fair calendar



Welcome to the German Patent and Trade Mark Office (DPMA)

Electronic file inspection launched: German Patent and Trade Mark Office allows online inspection of patent and utility model files

As from today, electronic file inspection of patent and utility model files is possible at the German Patent and Trade Mark Office. From now on, parts of files can also be inspected online.

"Registered design" - an established IP right under a new name

From 1 January 2014, designs - previously named "Geschmacksmuster" in German - will be called "eingetragenes Design" - meaning "registered design" - in Germany.

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<https://depatisnet.dpma.de/>

The screenshot shows the DEPATISnet website interface. At the top left is the logo of the German Patent and Trade Mark Office (Deutsches Patent- und Markenamt). The main header includes the text 'DEPATISnet' and a navigation menu with links for 'DEPATISnet-Home', 'Deutsch', 'Information', 'Introduction', 'Imprint', and 'Help'. Below the header, there are tabs for 'Search' and 'IPC'. The main content area contains a paragraph describing the database and a list of search modes: 'Beginner', 'Expert', and 'Ikofax'. There is also a section about International Patent Classification (IPC) and a link for background information. At the bottom left, there is a copyright notice '© DPMA 2013'. Three red callout boxes with yellow backgrounds and red borders point to specific parts of the page: 'Obsažená data' points to the 'here' link in the introductory paragraph; 'Vstup do databáze' points to the 'Beginner' link in the search mode list; and 'Mezinárodní patentové třídění' points to the 'here' link in the IPC section.

Deutsches Patent- und Markenamt

DEPATISnet

DEPATISnet-Home | Deutsch | Information | Introduction | Imprint | Help


Search | IPC

DEPATISnet is the database of the German Patent and Trade Mark Office for online searches on patent publications from around the world. It includes the internal DEPATIS electronic document archive of the office (German patent information system) [for detailed information on the available data click here.](#)

Choose a search mode:

- Beginner
- Expert
- Ikofax

International Patent Classification (IPC): as the basis of a prior art search

You can use IPC symbols for your patent or utility model document search. After having identified the segment of technology you are interested in you can transfer your selected IPC symbol into DEPATISnet search just by clicking on .

For background information on the IPC click [here.](#)

- A patent information centre will help you with your search. [PIZ support](#)

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Obsažená data

Vstup do databáze

Mezinárodní patentové třídění



Obsah databáze, aktualizace

The screenshot shows the DEPATISnet website interface. At the top left is the logo of the Deutsches Patent- und Markenamt. The main header contains 'DEPATISnet' and navigation tabs for 'Search' and 'IPC'. Below the header, there is a breadcrumb trail: '> DEPATISnet-Home > Information'. The main content area is titled 'Information' and contains a list of links: 'Contact', 'Data per calendar week and Data coverage', 'What's new', and 'Newsletter (in German only)'. The 'Contact' link is highlighted with a red box. Below this, there is a section titled 'Contact' with the sub-heading 'Information on DEPATISnet'. The text in this section provides contact information for technical questions, including an email address (datenbanken@dpma.de) and a phone number (+49-89 2195 3435). It also mentions the German Patent and Trade Mark Office and provides an email address (info@dpma.de). Below this is the 'Publication Service' section, which includes the 'Technical Information Centre (TIC) Berlin' address (Gitschiner Str. 97, 10969 Berlin), a telefax number (+49-30-25 992 - 404), and an email address (pu.service@dpma.de). A note states: 'Please use this number exclusively for forwarding requests to the Publication Service.' There is a '[Top]' link. Below this is the 'Data per calendar week and Data coverage' section, which has a sub-section 'Data coverage' highlighted with a red box. The text explains that the following table lists the number of document numbers in the archive for all country codes (AT, CH, DE...) and provides details on how the data is broken down by time bands and document codes (PCOD). A 'weekly' label is circled in red. At the bottom of this section is a link: 'Go to table Data coverage'.

Datové pokrytí

Aktualizace



Dokumenty jednotlivých zemí obsažené v db

- PCOD = kind code
- FAX = (obrázek) dokument
- DE = popis
- TI = titul
- AB = abstrakt
- PUB = datum zveřejnění
- ICM = hlavní třída IPC
- PA = přihlašovatel
- IN = vynálezce

> DEPATISnet-Home > Information > Data coverage

Data coverage

The following table lists the number of document numbers contained in the archive for all country codes (AT, CH, DE...) included in DEPATIS, a part of which is broken down by time bands and kind of document codes (PCOD). The lines following the country code indicate the percentages of document numbers for which the archive contains a facsimile document ("FAX") or for which the indicated searchable fields have a content.

Explanation of the field names:
 PCOD = kind code, FAX = (image) document, DE = description, TI = title, AB = abstract, PUB = publication date, ICM = IPC main class, MCD = Master Classification Database, ICP = search file IPC, PA = applicant, IN = inventor, CT = Cited documents

Note: # = zero or one character, alle = all kind of document codes
 Order of countries in the table: AT, CH, DD, DE, EP, FR, GB, JP, KR, US, WO, followed by the other countries in alphabetical order.

Click [here](#) for an overview of the countries and kind codes of documents available under DEPATISnet. You will find an official list including all two-letter-codes in the [WIPO standard 3](#).

Erstellungsdatum (date of preparation): 23.02.2014, 12:00

Land country	PCOD	Dokumente documents	FAX %	DE %	TI %	AB %	PUB %	ICM %	MCD %	ICP %	PA %	IN %	CT %
AT 1920-	alle	1.104.209	39	0	100	3	100	78	78	48	100	71	4
	A#, B#	532.799	72	0	99	3	99	54	55	73	99	43	7
	E#	556.541	7	0	100	0	100	100	99	22	100	100	0
	U#	14.859	99	0	100	72	100	100	91	90	100	36	24
CH 1888-	alle	723.321	98	0	89	5	100	45	80	85	98	90	1
DD 1978-	alle	147.171	99	98	96	81	97	98	91	90	96	96	0
DD 1946-1977	alle	158.076	98	98	8	0	23	94	21	76	2	3	0
DE 1978-	alle	3.029.911	100	99	99	47	100	100	99	92	100	80	43
	A#, B#, C#	1.937.969	99	99	99	68	100	100	99	96	100	98	61
	U#	545.523	100	100	98	18	100	100	99	96	100	0	17
	T1-5	543.090	100	100	100	2	100	100	100	74	100	100	4
DE 1946-1977	alle	2.637.728	96	96	89	1	96	43	67	80	92	75	19
	A#, B#, C#	2.060.025	96	96	87	1	95	50	78	80	90	87	24
	U#	577.703	97	98	96	0	99	18	28	80	99	31	0



Land country	PCOD	Dokumente documents	FAX %	DE %	TI %	AB %	PUB %	ICM %	MCD %	ICP %	PA %	IN %	CT %
AM	alle	2	0	0	50	0	100	0	0	0	100	100	0
AP	alle	2.806	0	0	100	50	100	67	100	16	100	100	90
AR	alle	128.185	0	0	100	62	100	94	67	16	100	24	0
AU	alle	1.662.099	12	0	97	8	99	78	96	15	97	96	18
BA	alle	215	0	0	100	0	100	100	100	5	100	100	0
BE	alle	590.817	63	0	38	6	56	45	92	40	32	14	2
BG	alle	54.435	10	0	84	37	100	99	93	6	86	86	3
BR	alle	535.010	0	0	98	50	98	97	96	11	94	97	0
BY	alle	16	0	0	0	0	100	0	6	0	19	6	0
CA	alle	2.452.589	34	0	100	52	100	59	62	11	99	100	0
CL	alle	3.826	0	0	100	11	100	26	88	23	100	100	0
CN	alle	8.336.300	0	0	94	78	100	100	100	6	94	93	0
CO	alle	19.978	0	0	100	100	100	60	98	19	100	100	0
CR	alle	5.859	0	0	99	81	100	25	85	20	99	99	0
CS	alle	175.668	3	0	81	2	98	98	99	4	81	81	0
CU	alle	4.924	0	0	96	50	100	83	91	5	94	95	0
CY	alle	3.009	0	0	99	0	100	85	99	24	100	39	1
CZ	alle	107.313	18	0	97	21	100	100	100	13	99	100	7
DK	alle	327.026	5	0	96	2	98	72	71	14	98	81	1
DO	alle	2.522	0	0	100	89	100	20	31	19	100	100	0
DZ	alle	1.455	0	0	100	0	100	59	93	19	100	82	0
EA	alle	42.846	47	0	46	46	100	89	100	49	46	44	25
EC	alle	8.550	0	0	95	95	100	54	92	19	66	93	0
EE	alle	9.040	0	0	100	0	100	99	99	13	100	99	0
EG	alle	13.099	0	0	100	0	100	89	97	14	100	68	0
ES	alle	811.903	10	0	97	36	97	96	88	7	91	29	5
FI	alle	305.678	6	0	92	4	100	96	96	13	94	99	0
GC	alle	414	0	0	100	5	100	50	07	14	100	100	0



Standardy WIPO

Záložky

- STANDARD ST.3
 - INTRODUCTION
 - RECOMMENDED STANDARD CODE
 - MAINTENANCE
 - IMPLEMENTATION AND GUIDELINES FOR USERS
- ANNEX A, SECTION 1
 - LIST OF STATES, OTHER ENTITIES, AND THEIR
- ANNEX A, SECTION 2
 - LIST OF CODES AND NAMES OF STATES AND OTHER
- ANNEX B, SECTION 1

WIPO
WORLD INTELLECTUAL PROPERTY ORGANIZATION

HANDBOOK ON INDUSTRIAL PROPERTY INFORMATION AND DOCUMENTATION

Ref.: Standards – ST.3 page: 3.3.1

STANDARD ST.3

RECOMMENDED STANDARD ON TWO-LETTER CODES FOR THE REPRESENTATION OF STATES, OTHER ENTITIES AND INTERGOVERNMENTAL ORGANIZATIONS

Revision adopted by the SCIT Standards and Documentation Working Group at its eleventh session on October 30, 2009, and further updated by the International Bureau

INTRODUCTION

1. This Recommended Standard provides two-letter alphabetic codes which, for the purpose of improving the access to industrial property information, represent, in particular, the names of States, other entities and intergovernmental organizations the legislation of which provides for the protection of industrial property rights or which organizations are acting in the framework of a treaty in the field of industrial property.
2. The designation of States or other entities in this Recommended Standard does not imply the expression of any opinion whatsoever concerning the legal status of any State or territory, or of its authorities, or concerning the delimitation of its frontiers.
3. This Recommended Standard is aligned with the universally recognized ISO Alpha-2 Code contained in International Standard ISO 3166-1:2006, "Codes for the Representation of Names of Countries and their Subdivisions – Part 1: Country Codes", published in January 2007 by the International Organization for Standardization (ISO). It is also aligned with the announcements published in ISO 3166-1 Newsletters.

RECOMMENDED STANDARD CODE

4. This Recommended Standard is intended to be implemented for any use by industrial property offices requiring the identification of States, other entities and intergovernmental organizations, in coded form.
5. The recommended codes are contained in Annex A in two sections, organized as follows:
 - (i) Section 1 presents a list of States, other entities and intergovernmental organizations, in alphabetic sequence of their short names and their corresponding codes;
 - (ii) Section 2 presents the codes referred to in (i) in alphabetic order and the corresponding (short) names of States, other entities and intergovernmental organizations.

MAINTENANCE

6. ISO has entrusted a Maintenance Agency with the management of International Standard ISO 3166.
7. WIPO has been granted associate-member status in the Maintenance Agency and is therefore closely associated with its work. The International Bureau updates this Recommended Standard at intervals following the



Dokumenty publikované v jednotlivých týdnech

> DEPATISnet-Home > Information > Data per calendar week

Data per calendar week

The following table lists the number of document numbers contained in the archive for all country codes (AT, CH, DE...) included in DEPATIS, which were published (publication date "PUB") in the calendar week (KWxx) indicated. The lines of the country code indicate the number of document numbers for which the archive contains a facsimile document for which the searchable fields have a content.

of the field names:

ication date, FAX = (image) document, DE = description, AB = abstract, TI = title, PA = applicant, IN = CM = IPC main class, MCD = Master Classification Database

ountries in the table: AT, CH, DE, EP, FR, GB, JP, KR, US, WO, followed by the other countries in alphabetical

datum (date of preparation): 27.02.2014, 06:00

CN													
Feld	KW49	KW50	KW51	KW52	KW01	KW02	KW03	KW04	KW05	KW06	KW07	KW08	KW09
PUB	32266	30427	32556	37194	27673	22414	29330	26605	25721	24179	33646	0	0
FAX	0	0	0	0	0	0	0	0	0	0	0	0	0
DE	0	0	0	0	0	0	0	0	0	0	0	0	0
AB	259	5584	0	0	0	0	0	0	0	0	0	0	0
TI	0	0	0	0	0	0	0	0	0	0	0	0	0
PA	0	0	0	0	0	0	0	0	0	0	0	0	0
IN	0	0	0	0	0	0	0	0	0	0	0	0	0
ICM	32264	30423	32553	37188	27583	22346	29245	26589	25709	24173	33635	0	0
MCD	32263	30423	32555	37191	27613	22366	29268	26596	25719	24178	33642	0	0

CR													
Feld	KW49	KW50	KW51	KW52	KW01	KW02	KW03	KW04	KW05	KW06	KW07	KW08	KW09
PUB	17	6	0	0	0	14	6	0	10	0	0	0	0
FAX	0	0	0	0	0	0	0	0	0	0	0	0	0
DE	0	0	0	0	0	0	0	0	0	0	0	0	0
AB	0	0	0	0	0	0	0	0	0	0	0	0	0
TI	17	6	0	0	0	14	6	0	10	0	0	0	0
PA	17	6	0	0	0	14	6	0	10	0	0	0	0
IN	17	6	0	0	0	14	6	0	10	0	0	0	0
ICM	13	5	0	0	0	14	6	0	10	0	0	0	0
MCD	13	5	0	0	0	14	6	0	10	0	0	0	0

CZ													
Feld	KW49	KW50	KW51	KW52	KW01	KW02	KW03	KW04	KW05	KW06	KW07	KW08	KW09
PUB	47	54	76	74	50	24	55	46	48	38	66	0	0
FAX	0	0	0	0	0	0	0	0	0	0	0	0	0
DE	0	0	0	0	0	0	0	0	0	0	0	0	0
AB	12	17	6	9	6	9	15	5	13	15	17	0	0
TI	47	54	75	74	50	24	55	46	48	38	66	0	0
PA	45	54	76	74	50	24	55	46	48	38	66	0	0
IN	41	50	75	74	50	24	55	46	47	38	65	0	0
ICM	47	51	76	74	50	24	55	46	47	38	66	0	0
MCD	47	54	76	74	50	24	55	46	48	38	66	0	0

9	KW50	KW51	KW52	KW01	KW02	KW03	KW04	KW05	KW06	KW07	KW08	KW09
379	0	0	0	0	0	241	0	0	0	268	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
379	0	0	0	0	0	241	0	0	0	268	0	0
379	0	0	0	0	0	241	0	0	0	268	0	0
208	0	0	0	0	0	124	0	0	0	168	0	0
379	0	0	0	0	0	241	0	0	0	267	0	0
379	0	0	0	0	0	241	0	0	0	268	0	0

9	KW50	KW51	KW52	KW01	KW02	KW03	KW04	KW05	KW06	KW07	KW08	KW09
82	0	0	0	80	0	53	0	69	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0
82	0	0	0	80	0	53	0	69	0	0	0	0
82	0	0	0	80	0	53	0	69	0	0	0	0
82	0	0	0	80	0	53	0	69	0	0	0	0
82	0	0	0	80	0	53	0	69	0	0	0	0
82	0	0	0	80	0	53	0	69	0	0	0	0

9	KW50	KW51	KW52	KW01	KW02	KW03	KW04	KW05	KW06	KW07	KW08	KW09
1289	1470	1121	1610	1290	1406	1424	1179	1343	1856	1340	1454	
1289	1470	1121	1610	1290	1406	1424	1179	1343	1856	1340	1454	



Novinky

What's new

Result list: remove family members

20.12.11

You can reduce the number of documents contained in a result list by clicking the "Remove family members" button. You will then get just one document per patent family displayed. The choice of the document depends on the language of the user interface (English or German). The selection order is shown in the [table](#).

Full text search with highlighting

19.05.11

Character-coded full texts are available in the column "Searchable text" of the result list for a search result. In these full texts, the search terms of your search query are highlighted in colour.

Beginner's search: Inclusion of selected IPC group symbols from the "IPC" section

21.03.11

You can now use a more efficient method to verify a relevant group symbol of the International Patent Classification - for example A01B 1/02 - in the IPC section of DEPATISnet for the purpose of a subsequent search in the Beginner's mode (criterion "All IPC fields"). In the IPC index an integrated link is provided for every main group and subgroup. This link is identified by a magnifying glass icon. Click on this icon to open the "Beginner's search" in a new window. The selected group symbol will automatically appear in the search field "All IPC fields". Then, you can immediately start your search for the respective documents or fill in other search fields on the search form displayed.



Mezinárodní patentové třídění

Deutsches Patent- und Markenamt

International Patent Classification

IPC index **IPC search** IPC concordance

IPC symbol, e.g. C08B 11/193:

Language:
 DE EN FR

IPC edition/version:
2014.01(current) ▼

View options

Maximum dot hierarchy:
all ▼

Hierarchy
 DEKLA groups
 Notes
 Subclass indexes
 Catchwords

Execute

A	<u>Sektion A – Täglicher Lebensbedarf</u>
B	<u>Sektion B – Arbeitsverfahren; Transportieren</u>
C	<u>Sektion C – Chemie; Hüttenwesen</u>
D	<u>Sektion D – Textilien; Papier</u>
E	<u>Sektion E – Bauwesen; Erdbohren; Bergbau</u>
F	<u>Sektion F – Maschinenbau; Beleuchtung; Heizung; Waffen; Sprengen</u>
G	<u>Sektion G – Physik</u>
H	<u>Sektion H – Elektrotechnik</u>



IPC index	IPC search	IPC concordance
<p>Verwendung von Substanzen oder Zubereitungen für:</p> <ul style="list-style-type: none"> Behandlung von Pflanzen oder Tieren, umfasst von A01N; Nahrungsmittel, umfasst von A23; Munition oder Sprengstoffe, umfasst von F42. <p>e. Wenn die chemischen und mechanischen Gesichtspunkte so eng ineinandergreifen, dass eine klare und einfache Trennung nicht möglich ist, oder wenn bestimmte mechanische Prozesse als natürliche oder logische Fortsetzung einer chemischen Behandlung folgen, dann kann Sektion C zusätzlich zu den chemischen Gesichtspunkten auch für mechanische Gesichtspunkte gelten, z.B. die Nachbehandlung von Kunststeinen, umfasst von Klasse C04. Im letzteren Fall ist gewöhnlich eine Erläuterung oder ein Verweis gegeben, um den Fall zu erklären, sogar wenn manchmal die Trennung ziemlich willkürlich ist.</p>		
<p>IPC symbol, e.g. C08B 11/193: C08B 11/193</p> <p>Language: <input checked="" type="checkbox"/> DE <input type="checkbox"/> EN <input type="checkbox"/> FR</p> <p>IPC edition/version: 2014.01(current)</p>	<input type="checkbox"/>	C08
<p>View options</p> <p>Maximum dot hierarchy: all</p> <p><input checked="" type="checkbox"/> Hierarchy <input type="checkbox"/> DEKLA groups <input checked="" type="checkbox"/> Notes <input checked="" type="checkbox"/> Subclass indexes <input type="checkbox"/> Catchwords</p>		<p>Organische makromolekulare Verbindungen; deren Herstellung oder chemische Verarbeitung; Massen auf deren Basis</p> <p>Anmerkung: 1. Diese Klasse umfasst nicht die folgenden makromolekularen Verbindungen an sich: <ul style="list-style-type: none"> Peptide, z.B. Proteine, die unter Unterklasse C07K fallen; [2012.01] Verbindungen, die zwei oder mehr Mononucleotid-Einheiten enthalten, welche getrennte Phosphat- oder Polyphosphatgruppen tragen, die über Saccharidreste von Nucleosidgruppen gebunden sind, z.B. Nucleinsäuren, die unter Gruppe C07H 21/00 fallen; [2012.01] DNA oder RNA, die genetische Verfahrenstechnik betreffend, Vektoren, z.B. Plasmide, oder ihre Isolierung, Herstellung oder Reinigung, die unter Gruppe C12N 15/00 fallen. [2012.01] Biozide Wirkung, Schädlinge vertreibende, Schädlinge anlockende oder Pflanzenwachstum regulierende Wirkung von Verbindungen oder Mitteln wird außerdem in der Unterklasse A01P klassifiziert. [2006.01] </p>
	<input checked="" type="checkbox"/>	C08B
		<p>Polysaccharide; deren Derivate (Polysaccharide, die weniger als sechs Saccharidreste durch Glykosidbindungen aneinander gebunden enthalten, C07H; Gärungsverfahren oder Verfahren unter Verwendung von Enzymen C12P 19/00; Herstellung von Cellulose D21) [4]</p> <p>Anmerkung: Die therapeutische Aktivität von Verbindungen wird außerdem in Unterklasse A61P klassifiziert. [7]</p>
		<p>Sachverzeichnis der Unterklasse</p> <p>CELLULOSE UND DEREN DERIVATE</p> <p>Vorbehandlung von Cellulose C08B 1/00</p> <p>Ester C08B 3/00, C08B 5/00, C08B 7/00, C08B 13/00, C08B 17/00</p> <p>Ether C08B 11/00, C08B 13/00, C08B 17/00</p> <p>Xanthate C08B 9/00</p> <p>andere Derivate C08B 15/00</p> <p>Regenerierung von Cellulose C08B 16/00</p> <p>STÄRKE; ABGEBAUTE ODER NICHTCHEMISCHE MODIFIZIERTE STÄRKE; AMYLOSE; AMYLOPECTIN C08B 30/00</p> <p>CHEMISCHE DERIVATE DER STÄRKE, DER AMYLOSE ODER DES AMYLOPECTIN</p> <p>der Stärke C08B 31/00</p> <p>der Amylose C08B 33/00</p> <p>des Amylopectins C08B 35/00</p> <p>ANDERE POLYSACCHARIDE C08B 37/00</p>
	<input checked="" type="checkbox"/>	C08B 11/00
	<input checked="" type="checkbox"/>	C08B 11/193
		<p>Herstellung von Celluloseethern</p> <p>. Mischether, d.h. Ether mit zwei oder mehr verschiedenen verethernden Gruppen [2]</p>

<input type="checkbox"/>	C08B 11/00	Herstellung von Celluloseethern
<input type="checkbox"/>	C08B 11/193	. Mischether, d.h. Ether mit zwei oder mehr verschiedenen verethernden Gruppen [2]



Základní vyhledávání

Search | **IPC**

Beginner | Expert | Ikofax | Family | PIZ support

> DEPATISnet-Home > Search > Beginner

Beginner's search

All the following fields are connected by **AND**. You must at least fill in one field
For more information please see the [Help](#) pages of the Beginner's search.

Formulate search

Publication number	<input type="text" value="DE4446098C2"/>
Title	<input type="text" value="microprocessor"/>
Applicant/Owner/Inventor	<input type="text" value="Heinrich Schmidt"/>
Publication date	<input type="text" value="12.10.1999"/>
All IPC fields	<input type="text" value="F17D5/00"/>
Search in full text	<input type="text" value="bicycle"/>

Configure result lists

<input checked="" type="checkbox"/> Publication number	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Inventor
<input checked="" type="checkbox"/> Applicant/Owner	<input checked="" type="checkbox"/> Publication date	<input checked="" type="checkbox"/> Application date
<input type="checkbox"/> Search file IPC	<input type="checkbox"/> IPC main class	

Search list sorted by **Publication number** descending

50 Results/page

- Standard
- Publication number**
- Title
- Inventor
- Applicant/Owner
- Publication date
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Search | **IPC**

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Nápověda

3. Search

Beginner's mode

Select the Beginner's mode if you are a newcomer or have little experience in searching for patents and utility models.

The Beginner's mode allows to carry out basic searches within the most frequently used search fields by means of simple queries. It has an easy-to-use intuitive search interface.

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Search terms entered in different fields are automatically combined by the "AND" operator.

Information on the individual search fields:

Publication number:

In this field you have the following search options:

- complete document identification consisting of [country code](#) + document number and kind code
- country code + document number
- country code + kind code
- country code
- kind code

Title:

The search is case-insensitive.

Please note the following if you search for terms containing umlauts: converted to "ae", "oe" and "ue", and neither vice versa. Example: if spelling "Fußboeden" as well. A convenient method is to use the # with character at all. This type of search will cover all variants of spellings: include "Fußböden", "Fußboeden" and the singular form, "Fußboden".

If you enter more than one term, all terms are automatically combined. The documents that contain all terms that you entered in your search results that are not relevant. You can narrow the search results expected. In the Beginner's mode it is not possible to combine two or more terms for this purpose and for the search with other operators.

Here you can also use a phrase search option: Use single or double quotes around a certain phrase (sequence of words) to return only documents containing that exact phrase (sequence of words) in the title.

Publication number (PN)

An IP application or granted IP right is published under the publication number. It consists of a country code, document number and kind code.

More information about patent documents of Germany and foreign countries is available in German language only: [DPMAinformativ no. 3 'Informationen über Patentdokumente des In- und Auslands \(IPIA\)'](#)

For the available data please refer to the table [Data coverage](#) : The column "FAX" indicates the percentages of document numbers for which the archive contains a document.

INPUT OPTIONS IN THE BEGINNER'S SEARCH:

Search for	Search Expression
DE 10328846 A1 (Country code, document number, kind code)	DE10328846A1
Information on the - country codes - structure of national and foreign publication numbers	
- alternative spelling	DE 10328846 A1
- standardised format: country code, 12-digit document number, kind code	DE000010328846A1
All publications (A1, B4, ...) for DE10328846	DE10328846
Publications with country code "DE"	DE
Publications with kind code "B3"	?B3
Publications with country code "DE" and with kind code "B3"	DE?B3



Nápověda

Full text data (BI)

A full text search covers the data fields "Description" (**DE**), "Title" (**TI**), "Abstract" (**AB**) and "Claims" (**CL**), however among the available data there are numerous documents with data fields without content.

For the available data please refer to the table [Data coverage](#) : The columns "**DE**", "**TI**" and "**AB**" indicate the percentages of document numbers for which the respective field in the archive has a content.

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Meaning of wildcards used:

? represents any number of characters or no characters

! represents precisely one character

represents one character or no characters

INPUT OPTIONS IN THE BEGINNER'S MODE

Search for	Search Expression
< Mikroprozessor >	mikroprozessor
< Mikroprozessor > and < Speicher >	mikroprozessor speicher
< Mikroprozessor > and < Chip > and < Speicher >	mikroprozessor chip speicher
Word string < Speicher für einen Mikroprozessor >	"speicher für einen mikroprozessor"
< Mikrowelle > alternative spelling < Microwelle >	mi!rowelle
< Mikroprozessor > alternative spelling < microprocessor >	mi!ropro!essor
< Mikrowelle > alternative spelling < Mikrowellen >	mikrowelle#
< Mikrowelle(n) > alternative spelling < Microwelle(n) >	mi!rowelle#
< Mikrowelle... > alternative spelling < Microwelle... > Examples: Mikrowelle, Mikrowellenherd, microwellengeeignet	mi!rowelle?
< ...mikroprozessor > Examples: Mikroprozessor, Sprachmikroprozessor, Multimikroprozessor	?mikroprozessor



Vyhledávání

Beginner's search

All the following fields are connected by AND. You must at least fill in one field

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Formulate search

Publication number	<input type="text" value="DE4446098C2"/>
Title	<input type="text" value="umbrella"/>
Applicant/Owner/Inventor	<input type="text" value="Heinrich Schmidt"/>
Publication date	<input type="text" value="12.10.1999"/>
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Search in full text	<input type="text" value="bicycle"/>

Configure result lists

<input checked="" type="checkbox"/> Publication number	<input checked="" type="checkbox"/> Title	<input checked="" type="checkbox"/> Inventor
<input checked="" type="checkbox"/> Applicant/Owner	<input checked="" type="checkbox"/> Publication date	<input checked="" type="checkbox"/> Application date
<input type="checkbox"/> Search file IPC	<input type="checkbox"/> IPC main class	

Search list sorted by

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No.	Selection	Publication number	Application date	Publication date	Inventor	Applicant	Abstract	IPC Class.	Searchable text	Patent family search
1	<input type="checkbox"/>	CN000103371576A	31.07.2013	30.10.2013	LUO YUAN					Search
2	<input type="checkbox"/>	JP002013154231A	19.05.2013	15.08.2013	KUJIRADA MASANOBU	KUJIRADA MASANOBU	[EN] INTELLIGENT UMBRELLA AND UMBRELLA COVER			Search
3	<input type="checkbox"/>	TW00000M465043U	13.05.2013	11.11.2013	WANG SHOU-REN, TW	SHIOW YUH IND CO LTD, TW	[EN] Umbrella ribs structure with smooth arc umbrella cloth			Search
4	<input type="checkbox"/>	CN000203252080U	05.05.2013	30.10.2013	CHEN SHENGZHONG LU JIANYI	CHEN SHENGZHONG LU JIANYI	[EN] Sun umbrella base capable of adjusting and switching shielding angle of umbrella fabric			Search
5	<input type="checkbox"/>	CN000203182187U	17.04.2013	11.09.2013	READE M M AVERY	READE M M AVIGNE	[EN] Umbrella with multiple layers of umbrella faces			Search
6	<input type="checkbox"/>	CN000203234167U	15.04.2013	16.10.2013	LIANG SHENGYING	LIANG SHENGYING	[EN] Umbrella stand for folding umbrella			Search
7	<input type="checkbox"/>	KR000101279582B1	12.04.2013	27.06.2013	JEONG SOO YEONG, KR	JEONG SOO YEONG, KR	[EN] THE UMBRELLA THAT IS CHANGEABLE A UMBRELLA CLOTH BY SLIDING ATTACH AND DETACH			Search
8	<input type="checkbox"/>	CN000203168235U	07.04.2013	04.09.2013	TAN ZHENFANG XIE TAO	XIE TAO	[EN] Fast collecting umbrella cover for folding umbrella			Search
9	<input type="checkbox"/>	CN000203152754U	02.04.2013	28.08.2013	JIA YONG	SHANGYU TIANHAN INDUSTRY TRADE CO LTD	[EN] Umbrella provided with improved umbrella runner			Search
10	<input type="checkbox"/>	CN000203194764U	28.03.2013	18.09.2013	XU JUN	JIANGXI DADIZOUHONG UMBRELLA CO LTD	[EN] Umbrella with ultraviolet-proof umbrella fabric			Search
11	<input type="checkbox"/>	CN000203105908U	27.03.2013	07.08.2013	MU HAISHENG ZHANG PEIJIN	WENDENG ZHANGJIACHAN MIDDLE SCHOOL	[EN] Umbrella with asymmetrical umbrella surface			Search
12	<input type="checkbox"/>	CN000203121329U	25.03.2013	14.08.2013	CHEN SHIXIAN	CHEN SHIXIAN	[EN] Umbrella provided with water receiving umbrella handle			Search
13	<input type="checkbox"/>	CN000203207371U	01.03.2013	25.09.2013	JIN JIE	JIN JIE	[EN] Umbrella with separable umbrella handle			Search
14	<input type="checkbox"/>	CN000103054289A	17.02.2013	24.04.2013	LIU YUNGUO	LIU YUNGUO	[EN] Connection pieces, umbrella framework structure units and umbrella with umbrella framework structure units			Search
15	<input type="checkbox"/>	CN000203058611U	28.01.2013	17.07.2013	WU ZHANGHENG	WU ZHANGHENG	[EN] Umbrella with umbrella handle capable of being clamped at table			Search
16	<input type="checkbox"/>	CN000203073185U	24.01.2013	24.07.2013	LI XUE	LI XUE	[EN] Umbrella provided with umbrella handle			Search

Result list Beginner's search

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Search query:

(umbrella)/TI

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No.	Selection	Publication number	Application date ▲	Publication date	Inventor	Applicant/Owner	Title	Original document	Searchable text	Patent family search
1	<input type="checkbox"/>	US000002461390A	24.04.1947	08.02.1949	PRIEST MONTAGUE ESTHER	PRIEST MONTAGUE ESTHER	[EN] Umbrella pocket and umbrella			Search
2	<input type="checkbox"/>	US000002743146A	09.10.1952	24.04.1956	WHEELER WILLIAM H	WHEELER WILLIAM H	[EN] Umbrella tables and umbrella engaging means therefor			Search
3	<input type="checkbox"/>	US000002784727A	24.08.1954	12.03.1957	HENRY FLEISCHER	FINKEL UMBRELLA FRAME COMPANY	[EN] Clamp for securing an umbrella cover to an umbrella rib			Search
4	<input type="checkbox"/>	ZA000007003368A	18.05.1970	27.01.1971	UTHEMANN W ZIMMERMANN R	BAUERMANN & SOEHNE GMBH ROSENKAIMER GMBH	[EN] TELESCOPIC UMBRELLA, ESPECIALLY A FLAT UMBRELLA			Search
5	<input type="checkbox"/>	CA00000966383A	05.06.1970	22.04.1975	UTHEMANN WOLFGANG ZIMMERMANN RICHARD	BAUERMANN W & SOEHNE G M B H ROSENKAIMER GMBH	[EN] TELESCOPIC UMBRELLA, ESPECIALLY A FLAT UMBRELLA			Search
6	<input type="checkbox"/>	US000003706160A	19.08.1971	19.12.1972	DEIBERT HAROLD LEROY	HAROLD LEROY DEIBERT	[EN] UMBRELLA AND UMBRELLA TREE FROST COVER			Search
7	<input type="checkbox"/>	AU000005641973A	01.06.1973	05.12.1974	SCHAFFER JOSEF SEITEL HEINZ WEBER HEINZ	BREMSHEY AG	[EN] RETRACTABLE UMBRELLA RETRACTABLE UMBRELLA			Search
8	<input type="checkbox"/>	HU000000174230B	10.01.1977	28.11.1979	BERNHARDT THOMAS MAATZ WERNER	SCHIRMFABRIK VEB	[EN] END FORMATION OF UMBRELLA STICK PARTICULARLY FOR COLLAPSIBLE UMBRELLA			Search
9	<input type="checkbox"/>	KR101981001020B1	20.06.1977	31.08.1981	HIRAI MASAOKI, JP	ASAHI SANGYO, JP	[EN] SAFETY APPARATUS FOR FOLDING UMBRELLA OF AUTOMATIC OPEN AND EXTENSION TYPE OF UMBRELLA STICK			Search
10	<input type="checkbox"/>	JP0000055412952A	30.06.1977	31.01.1979	HIRAI MASAOKI	KAGOSHIMA KOUGIYOU KK	[EN] UMBRELLA CLOTH DRAWING IN APPARATUS IN TOPLESS TYPE FOLDABLE UMBRELLA			Search
11	<input type="checkbox"/>	GR000000058186A1	22.07.1977	23.08.1977	COLLIAS A, GR	COLLIAS A, GR	[EN] NEW UMBRELLA THE UMBRELLA HAT			Search
12	<input type="checkbox"/>	JP0000055431350A	10.08.1977	08.03.1979	HIRAI MASAOKI	KAGOSHIMA KOUGIYOU KK	[EN] SAFETY DEVICE OF UMBRELLA STICK AUTOMATIC EXTENSION TYPE AUTOMATIC UMBRELLA OPENING FOLDAWAY UMBRELLA			Search
13	<input type="checkbox"/>	JP000005532514A	26.08.1978	07.03.1980	KITANI SATSUKI	HIRATA TOUNOSUKE KITANI SATSUKI	[EN] AUTOMATIC OPENING UMBRELLA OR AUTOMATIC OPENING AND CLOSING UMBRELLA			Search
14	<input type="checkbox"/>	JP000005532513A	26.08.1978	07.03.1980	KITANI SATSUKI	HIRATA TOUNOSUKE KITANI SATSUKI	[EN] AUTOMATIC OPENING UMBRELLA OR AUTOMATIC OPENING AND CLOSING UMBRELLA			Search



Document US000002461390A (Pages: 3)

Back to beginner search Back to result list

Document 1 of 915 Display < > >|

BIBLIOGRAPHIC DATA DOCUMENT US000002461390A (PAGES: 3)

INID	Criterion	Field	Contents
54	Title	TI	[EN] Umbrella pocket and umbrella
71/73	Applicant/Owner	PA	PRIEST MONTAGUE ESTHER
72	Inventor	IN	PRIEST MONTAGUE ESTHER
22/96	Application date	AD	24.04.1947
21	Application number	AN	74365447
	Country of application	AC	US
	Publication date	PUB	08.02.1949
33	Priority data	PRC	
31		PRN	
32		PRD	
51	IPC main class	ICM	
51	IPC secondary class	ICS	
	IPC additional class	ICA	
	IPC index class	ICI	
	MCD main class	MCM	
	MCD secondary class	MCS	A41D 27/20 (200
	MCD additional class	MCA	
57	Abstract	AB	
	Information on correction	KORRINF	
56	Cited documents identified in the search	CT	GB000000112825
			US000000933099
			US000000955649
			US000001368835
			US000001473916
56	Cited documents indicated by the applicant	CT	
56	Cited non-patent literature identified in the search	CTNP	
56	Cited non-patent literature indicated by the applicant	CTNP	
	Search file IPC	ICP	A45B 25/24

A	Sektion A – Täglicher Lebensbedarf
A45	Hand- oder Reisegeräte
A45B	Spazierstöcke (Gehhilfen, z.B. Stöcke für Blinde, A61H 3/06); Schirme; Damen- oder ähnliche Fächer (Stock- oder Schirmstöcke)
	Anmerkung: In dieser Unterklasse werden die folgenden Begriffe mit der angegebenen Bedeutung verwendet: <ul style="list-style-type: none"> • "Schirme" umfasst auch schirmartige Sonnenschutzdächer. • "Stöcke" umfasst Spazierstöcke und Schirmstöcke. [2009.01]
	Sachverzeichnis der Unterklasse SPAZIERSTÖCKE ODER SCHIRMSTÖCKE A45B 1/00 , A45B 3/00 , A45B 7/00 , A45B 9/00 SCHIRME Allgemeine Ausbildung A45B 11/00-A45B 19/00 , A45B 23/00 Einzelteile A45B 25/00 UMWANDELBARE SPAZIERSTÖCKE ODER SCHIRME A45B 5/00 , A45B 21/00 DAMEN- ODER ÄHNLICHE FÄCHER A45B 27/00
A45B 25/00	Einzelteile von Schirmen (Stöcke für Schirme A45B 1/00-A45B 9/00 ; Beleuchtungsvorrichtungen an Schirmen A45B 3/02)
A45B 25/24	• Schutzhüllen für geschlossene Schirme

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První strana dokumentu





Bibliografie, nároky

Patented Feb. 8, 1949

2,461,390

UNITED STATES PATENT OFFICE

2,461,390

UMBRELLA POCKET AND UMBRELLA

Esther Priest Montague, Arlington, Va.

Application April 24, 1947, Serial No. 743,654

4 Claims. (Cl. 2-243)

1

The present invention relates to an improvement in raincoats and similar garments and more particularly to a pocket associated with such a garment, shaped, constructed and arranged to receive an umbrella. The invention further consists in the combination of such a garment, having a pocket associated therewith, and an umbrella in the pocket.

The primary object of the invention is to provide means, in the form of a pocket, associated with a raincoat or the like, adapted to receive

Figure 6 is a perspective view of the pocket when opened, and

Figure 7 is a fragmentary view of an improved umbrella ready to be inserted into the pocket.

The raincoat 10 of conventional modern design (11 and a skirt portion 12) may be seen in perspective in Figure 1, with its upper edge 13 below the waistline.

3

length of the umbrella. Preferably, the handle 33 is in the form of a relatively thin, flat plastic disc of oval shape in plan, so as to lie closely against the coat.

With a pocket positioned, constructed, and arranged as described, the umbrella may be inserted and removed at will. When in position within the pocket, the umbrella is out of the way and will not interfere with walking or other bodily movements. When the wearer is seated, the umbrella will lie along the top of the thigh or slightly to one side thereof, and will not protrude substantially beyond the knee, so as not to interfere with passersby, in streetcars, busses, or the like.

The band at the upper end of the pocket is an important feature of the invention, as it performs the useful function of preventing inadvertent removal of the umbrellas from the pocket at all times, as, for instance, when the garment is being carried over the arm or is casually thrown over a chair or other piece of furniture.

The reinforcing lining at the bottom of the pocket is also a valuable and, in most cases, an indispensable feature, because in the absence of an equivalent element, the end of the umbrella would soon wear a hole in the bottom of the pocket, thereby making the garment unsightly and unfit for further use.

Other sizes and dimensions of pockets may be employed, to cooperate with differently shaped

2,461,390

4


ment adjacent the upper end of the pocket, having a free end of a length to embrace an umbrella below the handle thereof and fastening means for the free end of the band or tape when positioned in embracing relation to an umbrella.

3. A garment having associated therewith a vertically elongated, relatively narrow pocket open at the top and closed at the sides and bottom, shaped snugly to receive a relatively short umbrella, and a reinforcing ply at the end of the pocket, having an inner portion lying along and sewed to the surface of the garment within the pocket and an outer portion lying along and sewed to the inner face of the pocket and extending continuously around under the point of an inserted umbrella.


4. A garment having sewn to the outer surface thereof, a piece of material providing a vertically elongated, relatively narrow pocket open at the top only, said piece having a folded and sewn pleat adjacent its top and a similar pleat adjacent its bottom, providing outwardly extensible fullness throughout the length of the pocket therebetween, whereby the bulk of an umbrella or the like positioned in the pocket projects outwardly into said fullness; a reinforcing ply at the lower end of the pocket having an inner portion lying along and sewed to the outer face of the garment within the pocket and an outer portion lying along and sewed to the inner face of said piece and extending continuously around under



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Document JP002013154231A (Pages: 18)

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BIBLIOGRAPHIC DATA DOCUMENT JP002013154231A (PAGES: 18)

INID	Criterion	Field	Contents
54	Title	TI	[EN] INTELLIGENT UMBRELLA AND UMBRELLA COVER
71/73	Applicant/Owner	PA	KUJIRADA MASANOBU
72	Inventor	IN	KUJIRADA MASANOBU
22/96	Application date	AD	19.05.2013
21	Application number	AN	2013105689
	Country of application	AC	JP
	Publication date	PUB	15.08.2013
33 31 32	Priority data	PRC PRN PRD	
51	IPC main class	ICM	A45B 11/00 (2006.01)
51	IPC secondary class	ICS	A45B 25/24 (2006.01)
	IPC additional class	ICA	
	IPC index class	ICI	
	MCD main class	MCM	A45B 11/00 (2006.01)
	MCD secondary class	MCS	A45B 25/24 (2006.01)
	MCD additional class	MCA	
57	Abstract	AB	[EN] PROBLEM TO BE SOLVED: To provide an umbrella and umbrella cover that can prevent a user from forgetting to carry an umbrella with him/her when he/she goes out, prevent the user from leaving the umbrella in a umbrella stand placed in front of a store, and prevent the third party from walking away with the umbrella placed in front of the store by the user illegally. SOLUTION: An intelligent umbrella includes: a weather information receiving means for receiving whether information from the outside; a user detector for detecting the user who moves in front of the umbrella or is present near the



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JP002013154231A

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RESULT LIST: HITS: 1 (TOTAL HITS: 1) [DOWNLOAD RESULT LIST](#) (CSV, XLS)

No.	Selection	Publication number	Application date	Publication date	Inventor	Applicant/Owner	Title	Original document	Searchable text
1	<input type="checkbox"/>	JP002013154231A	19.05.2013	15.08.2013	KUJIRADA MASANOBU	KUJIRADA MASANOBU	[EN] INTELLIGENT UMBRELLA AND UMBRELLA COVER		

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(19)  JAPANESE PATENT OFFICE

PATENT ABSTRACTS OF JAPAN

(11) Publication number: **2013-154231 A**

(43) Date of publication of application: **15.08.2013**

(51) Int. Cl. **A45B 11/00 (2006.01)**
A45B 25/24 (2006.01)

(21) Application number: 2013105689
(22) Date of filing: 19.05.2013

(71) Applicant: KUJIRADA MASANOBU
(72) Inventor: KUJIRADA MASANOBU

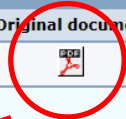
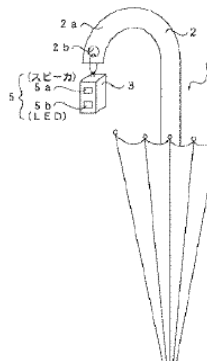
(54) INTELLIGENT UMBRELLA AND UMBRELLA COVER

(57) Abstract:

PROBLEM TO BE SOLVED: To provide an umbrella and umbrella cover that can prevent a user from forgetting to carry an umbrella with him/her when he/she goes out, prevent the user from leaving the umbrella in a umbrella stand placed in front of a store, and prevent the third party from walking away with the umbrella placed in front of the store by the user illegally.

SOLUTION: An intelligent umbrella includes: a weather information receiving means for receiving whether information from the outside; a user detector for detecting the user who moves in front of the umbrella or is present near the umbrella; and an alarming means for informing the presence of the umbrella to the user when movement or presence of the user is detected by the user detector.

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Formulate search

Publication number [DE4446098C2](#)

Title [microprocessor](#)

Applicant/Owner/Inventor [Heinrich Schmidt](#)

Publication date [12.10.1999](#)

All IPC fields [F17D5/00](#)

Search in full text [bicycle](#)

Configure result lists

Publication number Title Inventor

Applicant/Owner Publication date Application date

Search file IPC IPC main class

Search list sorted by Application date descending

100 Results/page

Title (TI)

The designation of the patent application, the patent or the utility model.

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? represents any number of characters or no characters

! represents precisely one character

represents one character or no characters

INPUT OPTIONS IN THE BEGINNER'S MODE

Search for	Search Expression
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< Mikroprozessor > and < Speicher >	mikroprozessor speicher
< Mikroprozessor > and < Chip > and < Speicher >	mikroprozessor chip speicher
Word string < Speicher für einen Mikroprozessor >	"speicher für einen mikroprozessor"
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< Mikroprozessor > alternative spelling < mikroprozessor >	mi!roprocessor
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< Mikrowelle(n) > alternative spelling < Microwelle (n) >	mi!rowelle#
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Examples: Mikrowelle, Mikrowellenherd, microwellengeeignet	
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Bibliographic data

Document **DE102011009758B3** (Pages: 12)

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INID	Criterion	Field	Contents
54	Title	TI	[DE] Standschirm [EN] Stand umbrella, has rotational strut directly or indirectly held by beam in rotatable manner, where portion of rotational strut is attached to umbrella canopy and rotated at longitudinal axis
71/73	Applicant/Owner	PA	YOTRIO GROUP CO., LTD., Zhejiang Province, Linhai City, CN
72	Inventor	IN	Jianyong, Xie, Zhejiang Province, Linhai City, CN
22/96	Application date	AD	28.01.2011
21	Application number	AN	102011009758
	Country of application	AC	DE
	Publication date	PUB	05.07.2012
33	Priority data	PRC	
31		PRN	
32		PRD	
51	IPC main class	ICM	A45B 17/00 (2006.01)
51	IPC secondary class	ICS	
	IPC additional class	ICA	
	IPC index class	ICI	
	MCD main class	MCM	A45B 17/00 (2006.01)
	MCD secondary class	MCS	
	MCD additional class	MCA	
57	Abstract	AB	[DE] Ein Standschirm mit einer Stützkonstruktion und wobei die Stützkonstruktion einen Standmast (2) (7) angeordnet ist, der ein Ende eines Auslegers (4) gelenkig aufnimmt, wobei der Ausleger (4) des weiteren von einer Strebe (3) gelenkig gehalten wird, die im oberen Abschnitt des Standmasts (2) angelenkt ist, und der aus- und einfahrbar ist, ist hinsichtlich der gleichzeitigen Realisierung einer sicheren, belastbaren und kosteneffizienten Konstruktion und einer Verschwenkbarkeit des Schirmdachs (11) gekennzeichnet durch eine Drehstrebe (5), an deren dem Standmast (2) abgewandten Ende das Schirmdach (11) angehängt ist, wobei zumindest der dem Schirmdach (11) zugeordnete Abschnitt der Drehstrebe (5) um seine Längsachse drehbar ist, und wobei die Drehstrebe (5) mittelbar oder unmittelbar durch den Ausleger (4) drehbar gehalten wird. [EN] The stand umbrella has a support block with an upright mast (2), at or in which a carriage (7) is arranged. A beam (4) is flexibly held by a strut (3), which is hinged in an upper portion of the upright mast. The beam is extended and retracted by moving the carriage. An umbrella canopy (11) is attached to an end of a rotational strut (5) turned away from the upright mast. A portion of the rotational strut is attached to the umbrella canopy and rotated at longitudinal axis. The rotational strut is directly or indirectly held by the beam in rotatable manner.

DE 102011009758 B3

Anmeldeland: DE
Anmeldenummer: 102011009758
Anmeldedatum: 28.01.2011
Veröffentlichungsdatum: 05.07.2012
Hauptklasse: A45B 17/00(2006.01.A)
MCD-Hauptklasse: A45B 17/00(2006.01.A)
CPC: A45B 17/00
CPC: A45B 23/00
CPC: A45B 2023/0043
CPC: A45B 2023/0081
ECLA: A45B 17/00
ECLA: A45B 23/00
Entgegenhaltung (PL): DE 102008014372 A1
Entgegenhaltung (PL): DE 102008034985 A1
Entgegenhaltung (PL): EP 000000530074 B1
Entgegenhaltung (PL): EP 000001250065 B1
Entgegenhaltung (PL): EP 000001656046 B1
Entgegenhaltung (PL): EP 000001781154 B1
Erfinder: Jianyong, Xie, Zhejiang Province, Linhai City, CN
Anmelder: YOTRIO GROUP CO., LTD., Zhejiang Province, Linhai City, CN


[EN]Stand **umbrella**, has rotational strut directly or indirectly held by beam in rotatable manner, where portion of rotational strut is attached to **umbrella** canopy and rotated at longitudinal axis.



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- [trade marks](#) and [indications of geographical origin](#),
- [designs](#),

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- in the leaflet "[Design Searches - online](#)"



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Patentblatt (Patent Gazette) | **Beginner** | Monitoring | Expert | PIZ support

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Enter search query

Type of IP right: Patent utility model protection certificate topography ?

File number / publication number: ? e.g. 102008005373.2

Title: ? e.g. Mikroprozessor

Applicant/owner/inventor: ? e.g. Schmidt GmbH

Date of publication: ? e.g. 06.10.2010

IPC main class / secondary class: ? e.g. F17D 5/00

Show only IP rights in force: ?

Configure result list

<input checked="" type="checkbox"/> File number	<input checked="" type="checkbox"/> Type of IP right	<input type="checkbox"/> Status
<input type="checkbox"/> Title	<input type="checkbox"/> IPC main class	<input type="checkbox"/> IPC secondary class(es)
<input type="checkbox"/> Application date	<input type="checkbox"/> Date of first publication	<input type="checkbox"/> Registration date
<input type="checkbox"/> Applicant/Owner	<input type="checkbox"/> Inventor	<input type="checkbox"/> Representative

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Results 1/1, register information

DE file number : 10 2011 009 758.9

Type of IP right: Patent

Status: pending / in force

Status on: February 27, 2014

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INID	Criterion	Field	Contents
	Type of IP right	SART	Patent
	Status	ST	Pending / in force
21	DE file number	DAKZ	10 2011 009 758.9
54	Designation/title	TI	Standschirm
51	IPC main class	ICM (ICMV)	A45B 17/00 (2006.01)
22	DE application date	DAT	Jan 28, 2011
43	Date of first publication	OT	Jul 5, 2012
	Date of publication of grant	PET	Jul 5, 2012
71/73	Applicant/owner	INH	YOTRIO GROUP CO., LTD., Linhai City, CN
72	Inventor	IN	Jianyong, Xie, Linhai City, CN
74	Representative	VTR	Ullrich & Naumann, 69115 Heidelberg, DE
10	Published DE documents	DEPN	<ul style="list-style-type: none"> Original document: DE102011009758B3; Searchable text: DE102011009758B3
	Address for service		Patent- und Rechtsanwälte GbR Ullrich & Naumann, 69115 Heidelberg, DE
	Due date	FT FG	Jan 31, 2014 Annual fee for the 4th year
	Patent division in charge		23
56	Citations	CT	DE102008034985A1 EP000001250065B1 EP000001781134B1 EP000001656046B1 EP000000830074B1 DE102008014372A1
	Number of official communications (office actions)		0
	Number of responses		0



Položky řízení

Procedural data						
Position	Type of procedure	Legal/procedural status	Date of capture in the IT system▲	Date of legal/procedural status	Published in Patent Gazette of	Show all details
1	Pre-registration procedure	The application is under preliminary examination	Jan 28, 2011	Jan 28, 2011		Show detail
2	Examination procedure	Request for examination effectively filed	Apr 11, 2011	Apr 11, 2011		Show detail
3	Pre-registration procedure	Pre-registration procedure has been concluded	May 9, 2011	May 9, 2011		Show detail
4	Examination procedure	Preparation of decision on patent grant	Feb 23, 2012	Feb 23, 2012		Show detail
5	Examination procedure	Decision to grant patent by Examining Section/Patent Division	Feb 24, 2012	Feb 24, 2012		Show detail
6	Publications	Patent specification	Jul 5, 2012	Jul 5, 2012	Jul 5, 2012	Show detail
7	Examination procedure	Grant of patent has become final	Oct 6, 2012	Oct 6, 2012	Jan 17, 2013	Show detail

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Procedural data	
Position	Type of procedure
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3	Pre-registration procedure
4	Examination procedure
5	Examination procedure
6	Publications
7	Examination procedure



Expertní vyhledávání

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Show input tools

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Publication number Title Inventor

Applicant/Owner Publication date Applicant

Search file IPC IPC main class

Search list sorted by Application date descending

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Available fields

Available fields:

- Publication data**
 - (10/11) Publication number (PN)
 - (19) Country of publication (PC)
 - () Publication date (PUB)
 - () Publication year (PY)
 - (71/73) Applicant/Owner (PA)
 - (72) Inventor (IN)
 - (12) Kind code (PCOD)
- Text fields**
 - (54) Title (TI)
 - (57) Abstract (AB)
 - () Description (DE)
 - (57) Claims (CL)
 - () Full text data (BI)
- Application data**
 - (21) Application number (AN)
 - () Country of application (AC)
 - (22/96) Application date (AD)
 - () Application year (AY)
- Priority data**
 - (31) Priority number (PRN)
 - (33) Country of priority (PRC)
 - (32) Priority date (PRD)
 - () Priority year (PRY)
- Citations**

Operators and wildcards

Boolean Operators:

Comparison Operators:

Proximity Operators:

Wildcard:

Configure result lists

Publication number Title Inventor

Applicant/Owner Publication date Applicant

Search file IPC IPC main class

Search list sorted by Application date descending

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Expert search

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Formulate search

TI = (umbrella AND coat)

Input field:

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Available fields

Available fields:

Operators and wildcards

Boolean Operators: [AND](#) [OR](#) [NOT](#)

Comparison Operators: [\(\)](#) [<=](#) [>=](#) [<](#) [>](#) [=](#)

Proximity Operators: [\(W\)](#) [\(NOTW\)](#) [\(#W\)](#) [\(#A\)](#) [\(P\)](#) [\(L\)](#) [\(A\)](#)

Wildcard: [?](#) [!](#) <#>

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3. Search

Expert mode

The Expert mode may be the preferred search mode for experienced searchers, familiar with patent and utility model searches. This mode also allows to create complex search queries. In contrast to the [Beginner's mode](#) a large search query box is provided. Enter your search terms and the respective operators in this query box; the prescribed syntax must be followed exactly.

Choose from the drop-down menu the entry of the data field in which you want to search. Click on the chosen data field to transmit the corresponding field code to the search query box above. You can also directly enter the field code in the search query box.

Operators and wildcards can be transmitted in the same way.

Search examples are shown below.

BOOLEAN OPERATORS

AND	logical AND
OR	logical OR
NOT	logical NOT

COMPARISON OPERATORS

Formulate search

TI = (umbrella AND coat)



Nápověda

BOOLEAN OPERATORS	
AND	logical AND
OR	logical OR
NOT	logical NOT

BOOLEAN OPERATORS	
AND	logical AND
OR	logical OR
NOT	logical NOT

COMPARISON OPERATORS	
>	greater than
<	less than
=	equal to
>=	greater than or equal to
<=	less than or equal to

PROXIMITY OPERATORS	
(W)	Finds documents containing the search terms in the specified order with no words between them.
(NOTW)	Finds documents containing the search terms close to each other in the specified order, but not immediately next to each other.
(#W)	# defines the maximum number of words between the search terms. The order of the search terms corresponds to the order typed.
(A)	Finds documents containing search terms in any order with no words between them.
(#A)	# defines the number of words between the search terms. The order of the search terms is not relevant; # may be zero.
(P)	Finds documents containing the search terms within the same paragraph.
(L)	Finds documents containing the terms within the same subsection (segment) of a field.

PROXIMITY OPERATORS	
(W)	Finds documents containing the search terms in the specified order with no words between them.
(NOTW)	Finds documents containing the search terms close to each other in the specified order, but not immediately next to each other.
(#W)	# defines the maximum number of words between the search terms. The order of the search terms corresponds to the order typed.
(A)	Finds documents containing search terms in any order with no words between them.
(#A)	# defines the number of words between the search terms. The order of the search terms is not relevant; # may be zero.
(P)	Finds documents containing the search terms within the same paragraph.
(L)	Finds documents containing the terms within the same subsection (segment) of a field.

COMPARISON OPERATORS	
>	greater than
<	less than
=	equal to
>=	greater than or equal to
<=	less than or equal to

TRUNCATION/ WILDCARDS	
?	no characters to any number of characters
!	precisely one character
#	zero or one character

At the bottom of the search form two buttons are provided:

Start search	Submit your request by clicking the "Start Search" button. The hits will be displayed in form of a result list.
Reset	Press the "Reset" button to reset the search form with their initial values.

Search examples

search	input
Applicant/Owner: Siemens	PA= siemens
Applicant/Owner: Siemens Publication date: 01.03.2010	PUB= 01.03.2010 AND PA= siemens

TRUNCATION/ WILDCARDS	
?	no characters to any number of characters
!	precisely one character
#	zero or one character



Result list Expert search

Search query:

TI = (umbrella AND coat)

[New search \(refined\)](#) [Back to expert search](#) [Remove family members](#) [Replace family members](#)

For more information about family members, please refer to the [Help pages](#)

RESULT LIST: HITS: 47 (TOTAL HITS: 47) DOWNLOAD RESULT LIST (CSV, XLS)

No.	Selection	Publication number	Application date ▼	Publication date	Inventor	Applicant/Owner	Title	Original document	Searchable text	Patent family search
1	<input type="checkbox"/>	CN000103300679A	13.03.2012	18.09.2013	YUAN CHUNMEI	NANTONG XILU TRADE CO LTD	[EN] Hat and coat stand with umbrella stand			Search
2	<input type="checkbox"/>	CN000102851922A	27.06.2011	02.01.2013	ZHOU WEI	NANTONG WULIAN BRAND PLANNING	[EN] Coat hanger with umbrella			Search
3	<input type="checkbox"/>	CN000201228327Y	28.07.2008	29.04.2009	TIANCHEN ZHENG, CN	TIANCHEN ZHENG, CN	[EN] Umbrella shaped coat rack			Search
4	<input type="checkbox"/>	JP002011174186A	20.06.2008	08.09.2011	KANEHISA KEIICHIRO OKAMOTO MATSUO	KIMONO BRAIN KK	[EN] PROCESS FOR PRODUCTION AND HYDROPHOBIZATION OF POLYESTER TEXTILE, AND SUIT FABRIC, SHIRT FABRIC, BOTTOM, WINTER CLOTHES SUCH AS SWEATER AND COAT, OUTER WEARS SUCH AS SKIWEAR AND LIFE JACKET, UNDERWEAR ...			Search
5	<input type="checkbox"/>	CN000201005437Y	16.03.2007	16.01.2008	JINYAO LI, CN	JINYAO LI, CN	[EN] Umbrella shaped coat rack			Search
6	<input type="checkbox"/>	KR000200388624Y1	18.04.2005	29.06.2005			[EN] an umbrella stand involved a coat hanger and a raincoat			Search
7	<input type="checkbox"/>	CN000001301784A	08.05.2000	04.07.2001	DA XIE MING, JP	HIROGEN CO LTD, JP	[EN] Plastic film, rain gear, umbrella and rain coat			Search
8	<input type="checkbox"/>	CN000002352019Y	05.05.1998	08.12.1999	XU ZHENG DONG, CN LUO YANG, CN	XU ZHENG DONG, CN	[EN] Portable, multi-functional tourism coat-rack/umbrella-net			Search
9	<input type="checkbox"/>	CN000002293960Y	11.04.1997	14.10.1998	XU DONG, CN	XU DONG, CN	[EN] Umbrella like rain coat			Search
10	<input type="checkbox"/>	CN000002229770Y	05.05.1994	26.06.1996	XIAOTIE HUANG, CN	HUANG XIAOTIE, CN	[EN] Two-in-on rain-proof article used as umbrella and rain coat			Search
11	<input type="checkbox"/>	CN000002123572U	04.03.1992	02.12.1992	ZHENG DONG XU, CN	XU ZHENG DONG, CN	[EN] PORTABLE MULTIFUNCTION COAT HANGER TYPE TRAVELLING UMBRELLA FRAME			Search
12	<input type="checkbox"/>	CN000085201365U	26.04.1985	12.02.1986	YUAN ZHIDING	YUAN ZHIDING	[EN] GAS-FILLED COAT-UMBRELLA.			Search
13	<input type="checkbox"/>	US000003661270A	12.05.1970	09.05.1972	LUCCI ROBERTO ORLANDINI PAOLO	VELCA SPA	[EN] COLLAPSIBLE COAT RACK - UMBRELLA STAND UNIT			Search
14	<input type="checkbox"/>	US000001412939A	25.03.1920	18.04.1922	HARRY HANSON	SELECT SERVICE COMPANY	[EN] Automatic coat, hat, and umbrella rack			Search
15	<input type="checkbox"/>	GB000000155942A	17.10.1919	06.01.1921		JOHN WILSON BOWKER MANIFOLDIA LTD	[EN] A new or improved hat, coat and umbrella stand			Search
16	<input type="checkbox"/>	US000001051930A	21.09.1912	04.02.1913	VAUGHN JOHN W, US	VAUGHN JOHN W, US	[EN] HAT, COAT, CANE, OPERA-GLASS, HAND-BAG, AND UMBRELLA HOLDER.			Search
17	<input type="checkbox"/>	US000001068951A	23.10.1911	29.07.1913	VESEY RICHARD H, US	VESEY RICHARD H, US	[EN] COAT, HAT, AND UMBRELLA LOCK.			Search
18	<input type="checkbox"/>	US000001025860A	25.02.1911	07.05.1912	CARUSO SANTI, US	CARUSO SANTI, US	[EN] COIN-OPERATED HAT, COAT, AND UMBRELLA RACK.			Search
19	<input type="checkbox"/>	US000000978033A	29.01.1910	06.12.1910	KINSEY FREDERICK L, US	JOHN D. BROTHERSTON, US KINSEY	[EN] LOCKING HAT, COAT, AND UMBRELLA RACK.			Search



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The screenshot displays the DEPATISnet website interface. At the top left, the logo of the German Patent and Trademark Office (Deutsches Patent- und Markenamt) is visible. The main navigation bar includes 'Search' and 'IPC' tabs, with sub-tabs for 'Beginner', 'Expert', 'Ikofax', 'Family', and 'PIZ support'. The 'Ikofax' tab is highlighted with a red box. Below the navigation bar, the breadcrumb trail reads '> DEPATISnet-Home > Search > Ikofax'. The main content area is titled 'IKOFAX search' and contains a 'Formulate search' input field and a 'Configure result lists' section with various checkboxes for search criteria (Publication number, Applicant/Owner, Search file IPC, Title, Publication date, IPC main class, Inventor, Application date). The search list is sorted by 'Application date' in 'descending' order, with 100 results per page. At the bottom, there are 'Start search' and 'Reset' buttons. On the right side, a sidebar menu lists various help topics, with 'IKOFAX mode' selected. The main content area on the right shows the '3. Search' section, including 'IKOFAX mode' and 'Syntax for search expressions'.

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IKOFAX search

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Publication number Title Inventor

Applicant/Owner Publication date Application date

Search file IPC IPC main class

Search list sorted by Application date descending

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Patent- und Markenamt

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IKOFAX mode

As an experienced user, you can conduct searches constructed directly in the IKOFAX Messenger query language - the internal search language of DEPATIS. You can access all fields in the DOCIDX database.

A list of searchable fields is available in the section "Searchable Fields" of the Help pages.

Syntax for search expressions

Search Terms

In this search system, search terms are individual words, not phrases or parts of sentences. For this reason, only the following types of search terms are allowed in search expressions:

- Terms**


These are words consisting of letters and digits but not containing word separators.

Word separators are

- spaces
- tabs
- line feeds



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Patent family search

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Formulate search

Publication number: [DE4446098C2](#)

Configure result lists

Publication number
 Applicant/Owner
 Search file IPC

Title
 Publication date
 IPC main class

Inventor
 Application date

Search list sorted by

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Result list Patent family search

Search query:
DE102011009758B3
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No.	Selection	Publication number	Application date ▼	Publication date	Inventor	Applicant/Owner	Title	Original document	Searchable text	Patent family search
1	<input type="checkbox"/>	DE102011009758B3	28.01.2011	05.07.2012	Jiayong, Xie, Zhejiang Province, Linhai City, CN	YOTREO GROUP CO., LTD., Zhejiang Province, Linhai City, CN	[DE] Standschirm (EN) Stand umbrella, has rotational strut directly or indirectly held by beam in rotatable manner, where portion of rotational strut is attached to umbrella canopy and rotated at longitudinal ...			Search

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Asistované vyhledávání

Beginner Expert **Ikofax** Family PIZ support

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PIZ support:
Patent information centres (PIZ) can help with your search

Are you unsure how to formulate a search query in the Beginner's or Expert mode or how to design a search strategy? The DPMA in cooperation with the patent information centres (PIZ) offers two different support options:

- the assisted search
- [the interactive "Info-Lotse" service - your personal online support service](#)

The assisted search

In the assisted mode, you can enter free text in the text field provided below and send it to the staff of a PIZ. It is also possible to give a general description of the problem. The more detailed your information on the topic to be searched, the more targeted the help we will give you.

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Úřad průmyslového vlastnictví

Antonína Čermáka 2a,
160 68 Praha 6-Bubeneč

