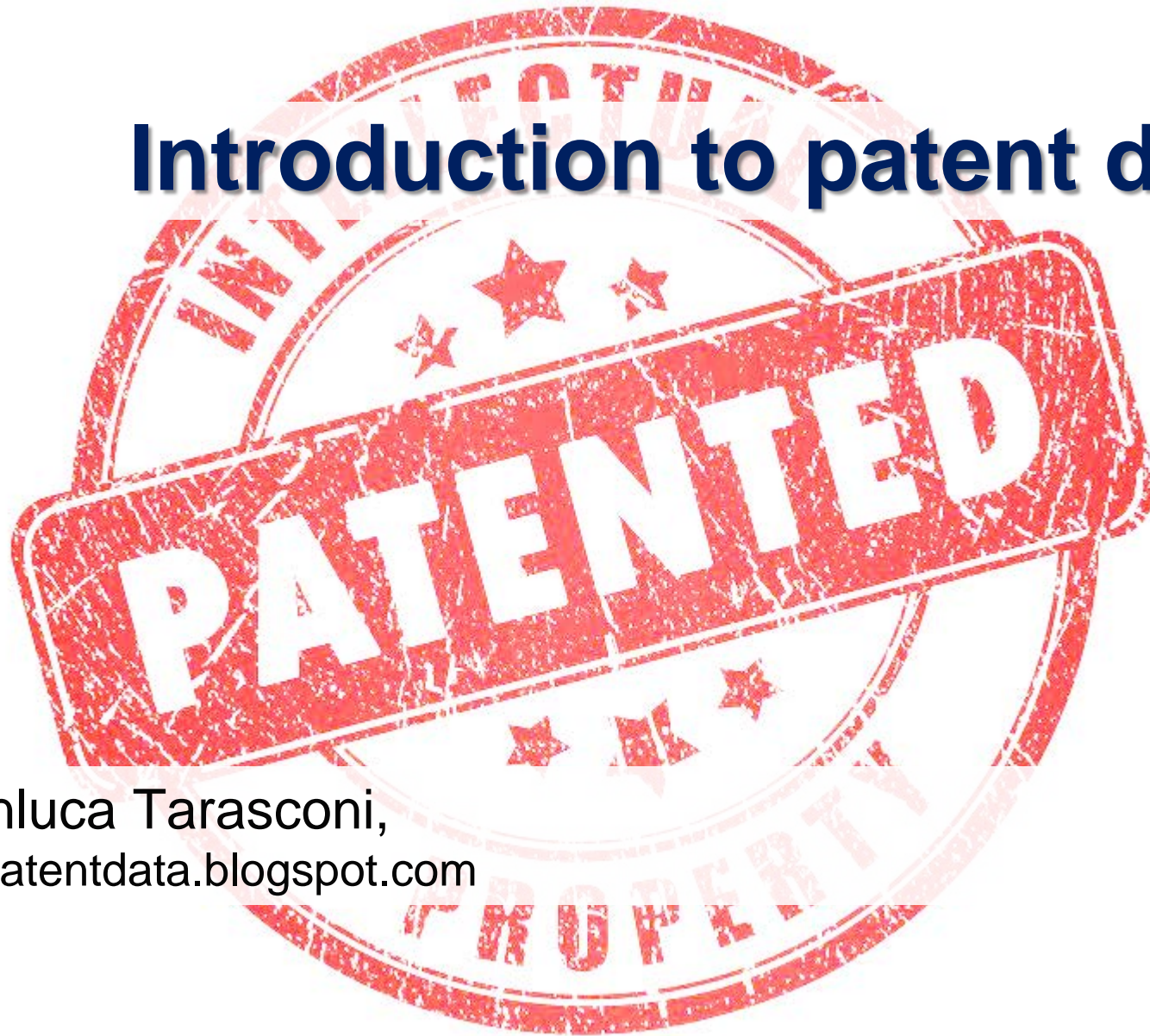


Introduction to patent data



Gianluca Tarasconi,
rawpatentdata.blogspot.com



IP introduction

Querying patent databases is a process where user can meet pitfalls.

Datasets answer exactly what they are asked.

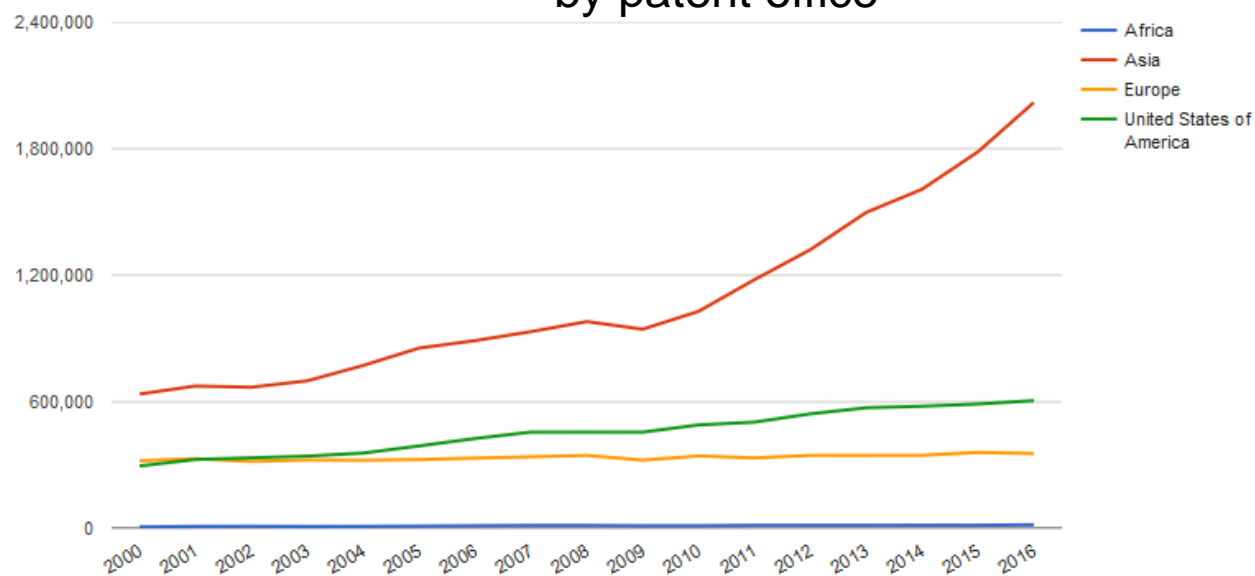
In order to ask the correct question some background is needed.

IP overview

Legal right	What for?	How?
Patents	New inventions	Application and examination
Copyright	Original creative or artistic forms	Exists automatically*
Trade marks	Distinctive identification of products or services	Use and/or registration
Registered designs	External appearance	Registration*
Trade secrets	Valuable information not known to the public	Reasonable efforts to keep secret

Worldwide patents filings

<https://www3.wipo.int/ipstats/ipslinechart>
by patent office



2000 2016

Patent Information (I): Ipad Patent Document front page (USD503889)



US00D504889S

(12) **United States Design Patent** (10) Patent No.: **US D504,889 S**
Andre et al. (45) Date of Patent: **May 10, 2005**

(54) **ELECTRONIC DEVICE** D396,452 S * 7/1998 Naruki D14424
D451,505 S * 12/2001 beki et al. D14341
D453,333 S * 2/2002 Chen D14374
D458,252 S * 6/2002 Palm et al. D14343

(75) Inventors: **Bartley K. Andre**, Menlo Park, CA (US); **Daniel J. Coster**, San Francisco, CA (US); **Daniele De Iulius**, San Francisco, CA (US); **Richard P. Howarth**, San Francisco, CA (US); **Jonathan P. Iye**, San Francisco, CA (US); **Steve Jobs**, Palo Alto, CA (US); **Shin Nishibori**, San Francisco, CA (US); **Duncan Robert Kerr**, San Francisco, CA (US); **Matthew Dean Rohrbach**, San Francisco, CA (US); **Douglas B. Sutzger**, Menlo Park, CA (US); **Calvin Q. Seidl**, Palo Alto, CA (US); **Christopher J. Stringer**, Portola Valley, CA (US); **Eugene Anthony Whang**, San Francisco, CA (US); **Rico Zirkendörfer**, San Francisco, CA (US)

OTHER PUBLICATIONS
Andre et al., U.S. Appl. No. 29/180,558 entitled "Electronic Device", filed Mar. 17, 2004.
"HP Compaq Tablet PC tc1100", downloaded Aug. 27, 2004.
"Tablet PC V1100", downloaded Aug. 27, 2004.
"ViewPad 1000", downloaded Aug. 27, 2004.

* cited by examiner

Primary Examiner—Freda S. Nunn
(74) **Attorney, Agent, or Firm**—Beyer Weaver & Thomas, LLP

CLAIM

(73) Assignee: **Apple Computer, Inc.**, Cupertino, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/201,636**
(22) Filed: **Mar. 17, 2004**

(51) **LOC (7) CL** **14-02**
(52) **U.S. CL** **D14/341**
(58) **Field of Search** D14:341-346,
D14:374, 424; D19:26, 59, 60; 345/104,
156, 168, 173; 434/307 R, 308, 309, 317;
178/18.03; 349/12

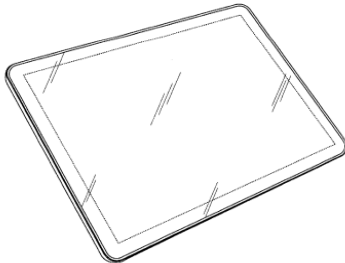
(56) **References Cited**
U.S. PATENT DOCUMENTS
D345,346 S * 3/1994 Alfonso et al. D14/341

We claim the ornamental design for an electronic device, substantially as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an electronic device in accordance with the present design;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a top view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is an upper side view thereof;
FIG. 8 is a lower side view thereof; and,
FIG. 9 is an exemplary diagram of the use of the electronic device thereof the broken lines being shown for illustrative purposes only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



The patent document is the data source;

For statistical purposes the data must, however, be cleaned, normalized and reclassified;

You need to be able to query (with queries or user interfaces);

The latter is the reason why resources (databases, reports, etc.) where data has been preprocessed are used.



US00D504889S

(12) **United States Design Patent** (10) **Patent No.:** **US D504,889 S**
Andre et al. (45) **Date of Patent:** **** May 10, 2005**

(54) **ELECTRONIC DEVICE**

(75) **Inventors:** **Bartley K. Andre**, Menlo Park, CA (US); **Daniel J. Coster**, San Francisco, CA (US); **Daniele De Iuliis**, San Francisco, CA (US); **Richard P. Howarth**, San Francisco, CA (US); **Jonathan P. Ive**, San Francisco, CA (US); **Steve Jobs**, Palo Alto, CA (US); **Shin Nishibori**, San Francisco, CA (US); **Duncan Robert Kerr**, San Francisco, CA (US); **Matthew Dean Rohrbach**, San Francisco, CA (US); **Douglas B. Satzger**, Menlo Park, CA (US); **Calvin Q. Seid**, Palo Alto, CA (US); **Christopher J. Stringer**, Portola Valley, CA (US); **Eugene Anthony Whang**, San Francisco, CA (US); **Rico Zörkendörfer**, San Francisco, CA (US)

(73) **Assignee:** **Apple Computer, Inc.**, Cupertino, CA (US)

(**) **Term:** **14 Years**

(21) **Appl. No.:** **29/201,636**

(22) **Filed:** **Mar. 17, 2004**

(51) **LOC (7) Cl.** **14-02**

(52) **U.S. Cl.** **D14/341**

(58) **Field of Search** D14/341-346, D14/374, 424; D19/26, 59, 60; 345/104, 156, 168, 173; 434/307 R, 308, 309, 317; 178/18.03; 349/12

(56) **References Cited**

U.S. PATENT DOCUMENTS

D345,346 S * 3/1994 Alfonso et al. D14/341

D396,452 S * 7/1998 Naruki D14/424
D451,505 S * 12/2001 Iseki et al. D14/341
D453,333 S * 2/2002 Chen D14/374
D458,252 S * 6/2002 Palm et al. D14/343

OTHER PUBLICATIONS

Andre et al., U.S. Appl. No. 29/180,558 entitled "Electronic Device", filed Mar. 17, 2004.
"HP Compaq Tablet PC tc1100", downloaded Aug. 27, 2004.
"Tablet PC V1100", downloaded Aug. 27, 2004.
"ViewPad 1000", downloaded Aug. 27, 2004.

* cited by examiner

Primary Examiner—Freda S. Nunn

(74) *Attorney, Agent, or Firm*—Beyer Weaver & Thomas, LLP

(57) **CLAIM**

We claim the ornamental design for an electronic device, substantially as shown and described.

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FIG. 3 is a top view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is an upper side view thereof;
FIG. 8 is a lower side view thereof; and,
FIG. 9 is an exemplary diagram of the use of the electronic device thereof the broken lines being shown for illustrative purposes only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



Patent
front
page

CAVEAT!



Is 1 patent = 1 invention?

NO

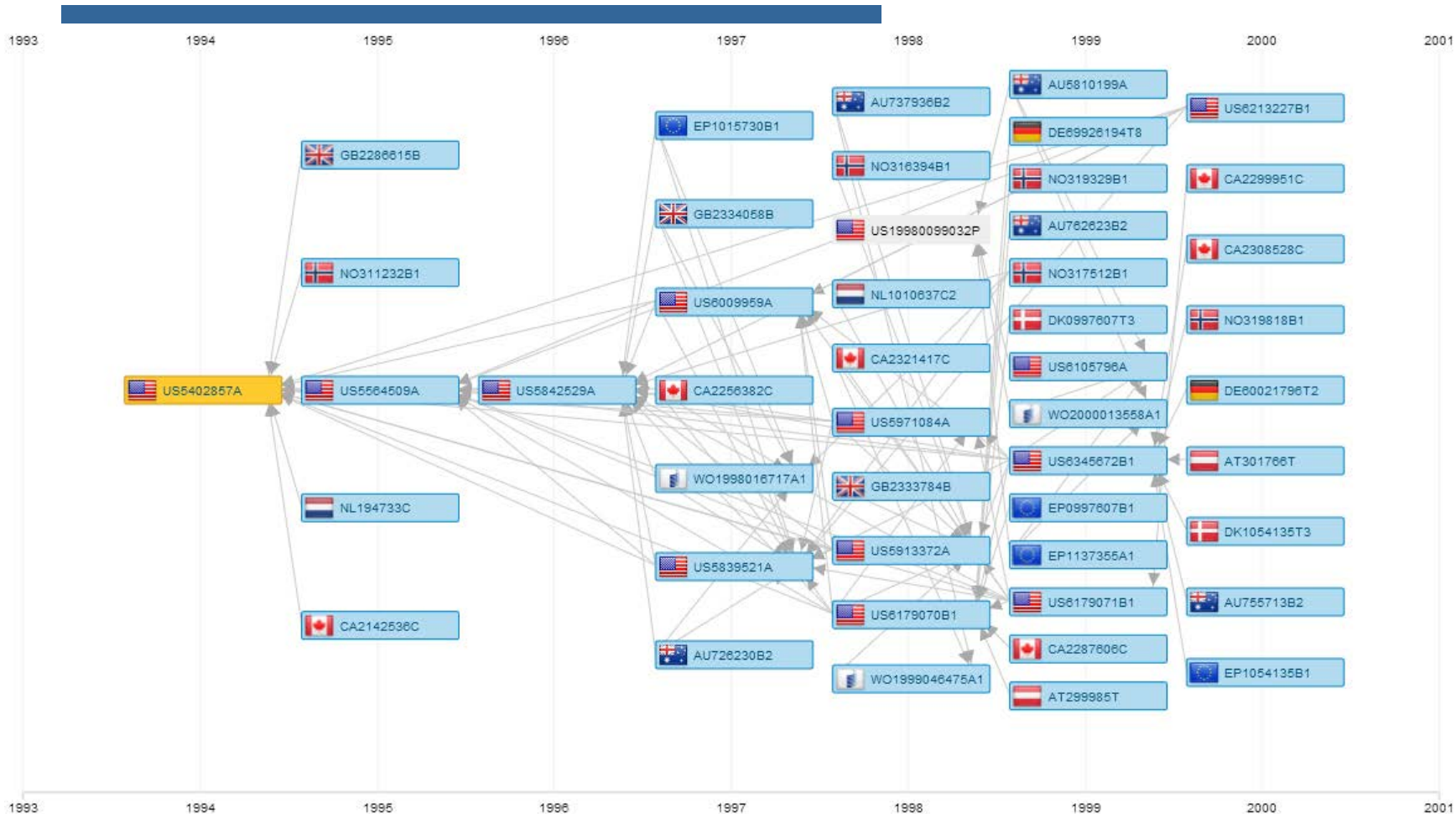
Due to applicant strategy, institutional bias etc
1 patent family = 1 invention

* PATENT FAMILY DEFINITION


A patent family is "a set of patents taken in various countries to protect a single invention (when a first application in a country – the priority – is then extended to other offices).“

In other words, a patent family is "the same invention disclosed by a common inventor(s) and patented in more than one country.”


PATENT FAMILY



PATENT FAMILY – from EPO Espacenet

Family list: **US5402857 (A) — 1995-04-04**  RSS: family dossiers **inpadoc fam**

Select all (0/25) Compact Export (CSV|XLS) Download covers CCD Print

42 application(s) for: **US5402857 (A)** 1 2 
page 1

Sort by Sort order show citations

1. **Oil and gas well cuttings disposal system**

★	Inventor: DIETZEN GARY H [US]	Applicant: DIETZEN, GARY H	CPC: B63B25/02 B63B27/20 B63B27/25 (+5)	IPC: B09B5/00 B63B35/44 E21B21/06 (+4)	Publication info: US5402857 (A) 1995-04-04	Priority date: 1994-02-17
---	---	--------------------------------------	--	---	---	-------------------------------------

2. **Vacuum Tank for use in handling oil and gas well cuttings**

★	Inventor: DIETZEN GARY H [US]	Applicant: MI LLC [US]	CPC: B63B25/02 B63B27/20 B63B27/25 (+6)	IPC: B63B35/44 E21B21/06 E21B41/00 (+2)	Publication info: AT299985 (T) 2005-08-15	Priority date: 1998-10-29
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3. **Method and apparatus for handling and disposal of oil and gas well drill cuttings**

★	Inventor: DIETZEN GARY [US]	Applicant: MI LLC [US]	CPC: B63B25/02 B63B27/20	IPC: A47F5/11 A47F5/04	Publication info: AT301766 (T) 2005-08-15	Priority date: 1999-05-19
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CAVEAT 2!



Is 1 document number= 1 patent?

NO

Also application kind defines type of application.

Example:

APPLN_ID	APPLN_AUTH	APPLN_NR	APPLN_KIND	APPLN_FILING_DATE	APPLN_FILING_YEAR
51721359	'US'	'54598004'	'A'	'2004-02-13'	2004
905562558	'US'	'54598004'	'D'	'2004-02-18'	2004
905563400	'US'	'54598004'	'P'	'2004-02-20'	2004
931684263	'US'	'54598004'	'D2'	'9999-12-31'	9999

Most widespread kind of application

- A patent
- U utility model
- W PCT application (in the international phase)
- T "translations" of granted PCT or EP
- P provisional application (US only)
- F design patent
- V plant patent
- D2, D3 artificial applications

Database on line: ESPACENET (I)

<http://worldwide.espacenet.com/advancedSearch>

Advantages:

Navigation Interface;

Data Completeness

(EPO / EU mainly);

90+ patent offices;

Free access.

Disadvantages:


Non-standardized and non-reclassified data;

No geographic data;

Data cannot be grouped in summaries.

Keyword(s) in title: i	plastic and bicycle
<input type="text" value="tyre"/>	<input type="text"/>
Keyword(s) in title or abstract: i	hair
<input type="text"/>	<input type="text"/>
Publication number: i	WO2008014520
<input type="text"/>	<input type="text"/>
Application number: i	DE19971031696
<input type="text"/>	<input type="text"/>
Priority number: i	WO1995US15925
<input type="text"/>	<input type="text"/>
Publication date: i	yyyymmdd
<input type="text" value="2010"/>	<input type="text"/>
Applicant(s): i	Institut Pasteur
<input type="text" value="pirelli"/>	<input type="text"/>
Inventor(s): i	Smith
<input type="text"/>	<input type="text"/>
European Classification (ECLA): i	F03G7/10
<input type="text"/>	<input type="text"/>
International Patent Classification (IPC): i	H03M1/12
<input type="text"/>	<input type="text"/>
<input type="button" value="Clear"/> <input type="button" value="Search"/>	

Patent information(II): google pagerank on espacenet

<p>US6285999 (B1)</p> <p>Bibliographic data</p> <p>Description</p> <p>Claims</p> <p>Mosaics</p> <p>Original document</p> <p>Cited documents</p> <p>Citing documents</p> <p>INPADOC legal status</p> <p>INPADOC patent family</p> <hr/> <p>Quick help</p> <div style="border: 1px solid black; padding: 5px;">  <p>Europäisches Patentamt European Patent Office Office européen des brevets</p> <p>Espacenet Patent search</p> </div>	<p>Bibliographic data: US6285999 (B1) — 2001-09-04</p> <p>★ In my patents list → EP Register → Report data error</p> <hr/> <p>Method for node ranking in a linked database title</p> <hr/> <p>Page bookmark US6285999 (B1) - Method for node ranking in a linked database</p> <hr/> <p>Inventor(s): PAGE LAWRENCE [US] ± Inventor & applicant</p> <p>Applicant(s): UNIV LELAND STANFORD JUNIOR [US] ±</p> <hr/> <p>Classification:</p> <p>- international: G06F17/30; (IPC-1-7): G06F17/30 Tech class</p> <p>- European: G06F17/30T6C; G06F17/30W1</p> <hr/> <p>Application number: US 19980004827 19980109 Application date</p> <hr/> <p>Priority number(s): US19980004827 19980109; US19970035205P 19970110 priorities</p> <hr/> <p>Also published as: US6799176 (B1) US7058628 (B1) US8126884 (B1) US8131715 (B1)</p> <hr/> <div style="border: 1px solid black; padding: 10px;"> <p>Abstract of US6285999 (B1) Abstract</p> <p>Translate this text into i</p> <p><input type="text" value="German"/> <input type="button" value="patenttranslate"/> powered by EPO and Google</p> <p>A method assigns importance ranks to nodes in a linked database, such as any database of documents containing citations, the world wide web or any other hypermedia database. The rank assigned to a document is calculated from the ranks of documents citing it. In addition, the rank of a document is calculated</p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto;"> <p>A 0.4</p> </div> </div>
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Patent information(III)

- 'registry'

Filing date, priority date, inventor, assignee, title, abstract

2 Existing patents search

- **Technical**

IPC, CPC Class, citations, equivalents, family members, n of claims

- **Legal**

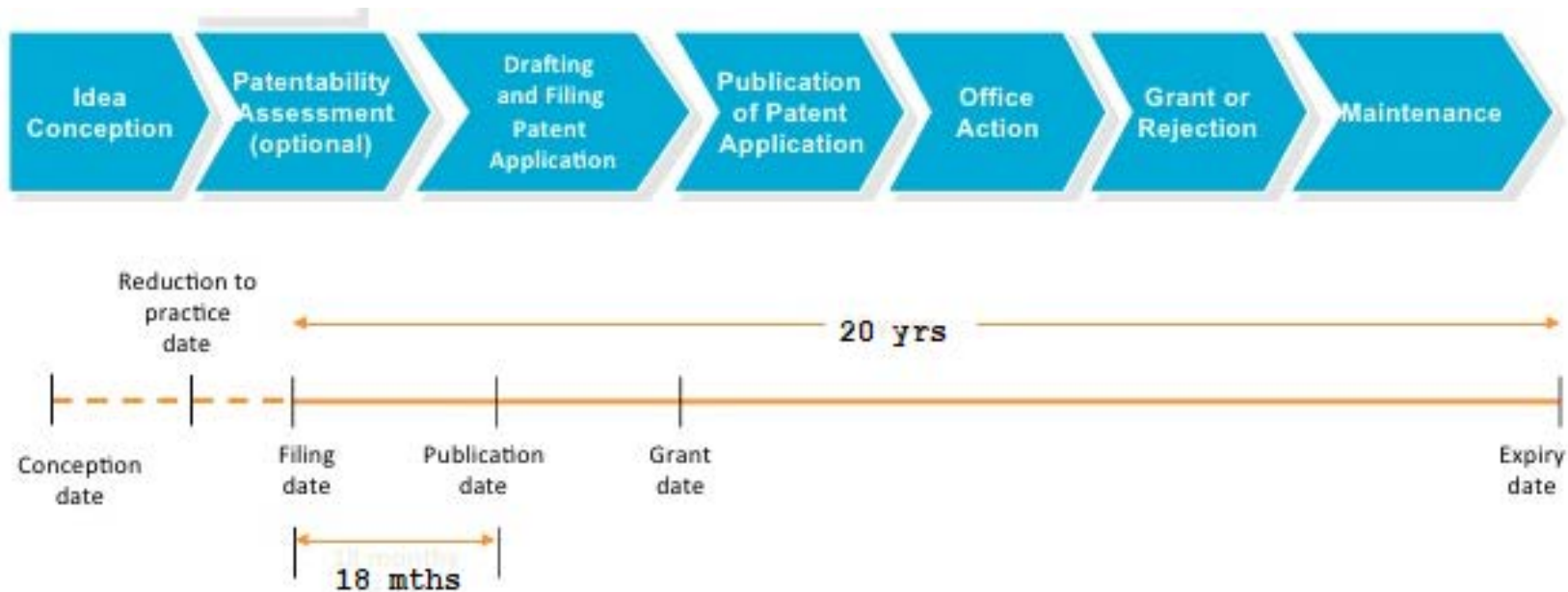
Renewals, change of ownership, n of extensions, oppositions, licensing

3 Who patents what

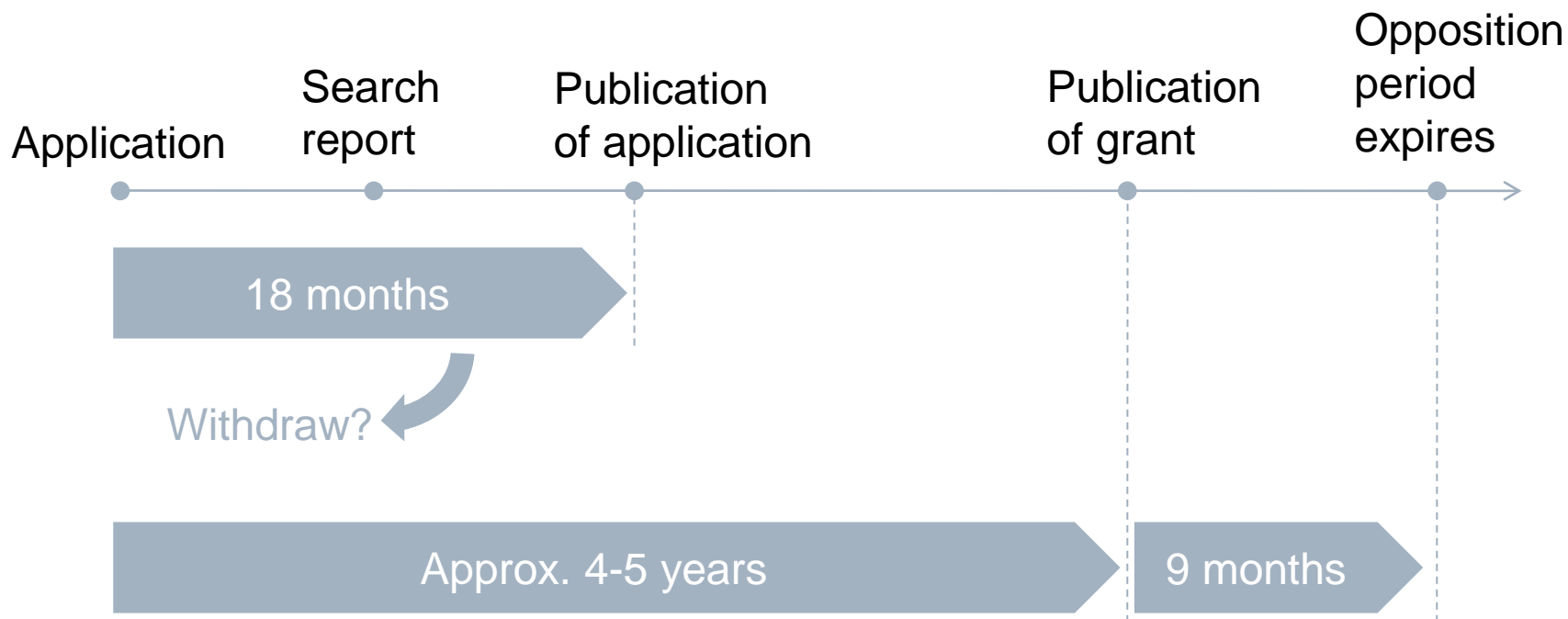
1 Patent Value

Patent data life cycle

Patent data are born at first publication, but change within time...



Patent procedure @ EPO



* Patent data life cycle: milestones

Application date: when the patent is filed @ a given patent office (1 only)

Publication date: when the patent is made publicly available (several publication phases)

Grant date: when patent is fully granted

Renewals, oppositions, changes of ownership ...

Expiry date: when the patent is no more in force [end of grant period / lapse of payments / opposition success]

Priority date: when the first patent of the family has been filed (aka best proxy of DoB of invention)

Publications life cycle - A

EP-A documents:

European patent applications, published 18 months after filing with the EPO or 18 months after the priority date

A1	European patent application published with European search report
A2	European patent application published without European search report (search report not available at publication date)
A3	Separate publication of European search report
A4	Supplementary search report
A8	Corrected title page of A document, ie. A1 or A2 document
A9	Complete reprint of A document, ie. A1, A2 or A3 document.

Publications life cycle

EP-B documents:

European patent specifications

B1	European patent specification (granted patent)
B2	New European patent specification (amended specification after opposition procedure)
B3	European patent specification (after limitation procedure)
B8	Corrected title page of B document (i.e. B1 or B2 document)
B9	Complete reprint of B document (i.e. B1 or B2 document)

Note on data collection

Patent data are stored in order to facilitate EXAMINERS work, thus only data relevant to examination process (tech classes, citations, priorities...) are standardized

Data not involved (applicant, inventor ...) are not standardized and can even be partial.

Information drill down: Inventors

Inventors data are collected during application process.

NAME, ADDRESS (optional), COUNTRY

PERSON_ID, PERSON_NAME, PERSON_ADDRESS,
PERSON_CTRY_CODE

'2', 'Lipponen, Markku', 'Simo Kaarion katu 1 A 2,33720
Tampere', 'FI'

Such data are not standardized and can be even missing
[address – especially for offices not EP, US]

Can change within time (add/delete/edit)

Information drill down: Applicants

Applicant = patent owner collected during application process.

NAME, ADDRESS (optional), COUNTRY

PERSON_ID, PERSON_NAME, PERSON_ADDRESS, PERSON_CTRY_CODE
'1', 'Nokia Corporation', 'Keilalahdentie 4,02150 Espoo', 'FI'

Such data are not standardized and can be even missing [address – especially for offices not EP, US]

Can change within time (add/delete/edit) → **CHANGE OF OWNERSHIP** – tracked in special databases [ep register / inpadoc legal / US assignments]

Inventor vs applicant

- Applicant country = ownership place
- Inventors country = place of invention

- APP DE – INV IT : foreign ownership of domestic invention
- APP DE AP IT : coownership
- INV IT INV DE : coinvention

Drill down on other data: from ESPACENET PIRELLI + TYRE + 2010

Approximately 48 results found in the Worldwide database for:
tyre in the title AND **2010** as the publication date AND **pirelli** as the applicant

1 ▶

Sort by Sort order

1. **RAIN TYRE**

★	Inventor: BOIOCCHI MAURIZIO [IT] MATRASCIA GIUSEPPE [IT] (+1)	Applicant: PIRELLI TYRES S P A [IT]	EC: <u>B60C11/03D</u>	IPC: B60C11/03	Publication info: CA2729401 (A1) 2010 -01-07	Priority date: 2008-06-30
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2. **TYRE FOR VEHICLE WHEELS**

★	Inventor: CASTELLINI ALESSANDRO [IT]	Applicant: PIRELLI [IT]	EC: <u>B60C11/04</u> <u>B60C11/12</u>	IPC: B60C11/12	Publication info: US2010307651 (A1) 2010 -12-09	Priority date: 2007-12-19
---	---	--	--	--------------------------	---	-------------------------------------

3. **WINTER TYRE**

★	Inventor: MATRASCIA GIUSEPPE [IT] BELLO VITO [IT] (+1)	Applicant: PIRELLI [IT] MATRASCIA GIUSEPPE [IT] (+2)	EC: <u>B60C11/03D</u> <u>B60C11/12</u>	IPC: B60C11/12	Publication info: WO2010136989 (A1) 2010 -12-02	Priority date: 2009-05-29
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Database on line: ESPACENET (II)

PIRELLI TYRE FOR VEHICLE WHEELS

EP2234823 (A1)	Bibliographic data: EP2234823 (A1) — 2010-10-06
Bibliographic data	★ In my patents list Previous ◀ 27/42 ▶ Next → EP Register → Report data error
Description	
Claims	TYRE FOR VEHICLE WHEELS
Mosaics	
Original document	
Cited documents	
Citing documents	
INPADOC legal status	
INPADOC patent family	
	Page bookmark EP2234823 (A1) - TYRE FOR VEHICLE WHEELS
	Inventor(s): CASTELLINI ALESSANDRO [IT] ±
	Applicant(s): PIRELLI [IT] ±
	Classification: - international: B60C11/12 - European: B60C11/04 ; B60C11/12
	Application number: EP20070859145 20071219
	Priority number(s): WO2007IB04038 20071219
	Also published as: WO2009077808 (A1) CN101903193 (A)
	Abstract not available for EP2234823 (A1) Abstract of corresponding document: WO2009077808 (A1)

Database on line: ESPACENET (III)

CLAIMS PIRELLI TYRE FOR VEHICLE WHEELS

- CLAIMS
 1. Tyre (1) for vehicle wheels, having a tread band (10) comprising an annular central portion (10i) astride an equatorial plane (Y-Y) and two annular shoulder portions (10ii) arranged on axially opposite sides with respect to the annular central portion (10i), the annular central portion (10i) being separated from each annular shoulder portion (10ii) by a respective circumferential groove (16), wherein the annular central portion (10i) comprises a plurality of blocks (20) arranged along at least one circumferential row (21) comprised between two circumferential grooves (16), and at least one transversal sipe (30) adapted to define two circumferentially consecutive blocks (20), wherein the transversal sipe (30) has a main surface (301) orientated in a substantially radial direction and provided with at least one deformation (302) defining, in the adjacent blocks (20), respective portions of mutual constraint, wherein said deformation (302) comprises at least one undercut portion (304) in a circumferential direction.
 2. Tyre (1) according to claim 1, wherein the main surface (301) is flat.
 3. Tyre (1) according to claim 1, wherein the deformation (302) extends axially in a central area (303) of the sipe (30).
 4. Tyre (1) according to any one of the previous claims, wherein said deformation (302) extends radially in a central area (303) of the sipe (30).
 5. Tyre (1) according to claim 4, wherein said deformation (302) extends radially along the entire radial extension of the sipe (30).

- + Altri 23 claims

Claims indicate what you want to protect from counterfeiters and are either the legal part of the patent.

The number of claims is a patent value indicator.

The espacenet data is descriptive and can only be analyzed individually

Database on line: ESPACENET (IV)

CITATIONS PIRELLI TYRE FOR VEHICLE WHEELS

LIST OF ALL CITATIONS: EP2234823 (A1) — 2010-10-06

Select all
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3 documents cited in relation to EP2234823 (A1)

Sort by
 Sort order

PATENTS CITED IN THE SEARCH REPORT

1. PNEUMATIC RADIAL TIRE

★	Inventor: OTANI JUNICHI	Applicant: YOKOHAMA RUBBER CO LTD	EC: B60C11/04	IPC: B60C11/12 (IPC1-7):B60C11/12	Publication info: JP2000025419 (A) 2000-01-25 JP3883297 (B2) 2007-02-21	Priority date: 1998-07-15
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2. Vehicle tyre

★	Inventor: HINDRIKS GUENTER [DE] METZ MARKUS [DE]	Applicant: CONTINENTAL AG [DE]	EC: B60C11/11 B60C11/12	IPC: B60C11/11 B60C11/12 (IPC1-7):B60C11/11 (+1)	Publication info: EP1195271 (A2) 2002-04-10 EP1195271 (A3) 2003-02-05	Priority date: 2000-10-06
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3. Tire tread provided with incisions

★	Inventor: METZGER JULIEN [FR]	Applicant: MICHELIN RECH TECH	EC: B60C11/06 B60C11/12 (+1)	IPC: B60C11/12 B60C11/13	Publication info: US2007187014 (A1) 2007-08-16 US7836927 (B2) 2010-11-23	Priority date: 2001-07-09
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Exportable to XLS;

Navigable
(hyperlink)

The number of citations received is indicator of patent value and people's / business knowledge flows

Database on line: ESPACENET (V)

CITATIONS PIRELLI TYRE FOR VEHICLE WHEELS

How do citations appear in the original document

(note **category** indicates how important it is)

C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim
X	JP 2000 025419 A (YOKOHAMA RUBBER CO LTD) 25 January 2000 (2000-01-25) abstract; figures 1-5	1-19, 21, 22, 24, 25, 28
X	EP 1 195 271 A (CONTINENTAL AG [DE]) 10 April 2002 (2002-04-10) paragraphs [0012] - [0019]; figures 1-3	1-28
X	US 2007/187014 A1 (METZGER JULIEN [FR]) 16 August 2007 (2007-08-16) cited in the application paragraphs [0056] - [0063]; figures 3,4	1-14

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Database on line: ESPACENET (VII)

FAMILY PIRELLI TYRE FOR VEHICLE WEELS

Family list: EP2234823 (A1) — 2010-10-06

Select all
 Compact
 Export (CSV | XLS)
 Download covers (0)

Inpadoc patent family: 

3 application(s) for: EP2234823 (A1)

Sort by Sort order

All patents with at least one priority in common;

Measures the number of patent offices in which the invention is protected and therefore is a proxy of patent value;

<input type="checkbox"/>	<u>1. Tyre for vehicle wheels</u>					
★	Inventor: ALESSANDRO CASTELLINI	Applicant: PIRELLI	EC: B60C11/04 B60C11/12	IPC: B60C11/12	Publication info: CN101903193 (A) 2010-12-01	Priority date: 2007-12-19
<input type="checkbox"/>	<u>2. TYRE FOR VEHICLE WHEELS</u>					
★	Inventor: CASTELLINI ALESSANDRO [IT]	Applicant: PIRELLI [IT]	EC: B60C11/04 B60C11/12	IPC: B60C11/12	Publication info: EP2234823 (A1) 2010-10-06	Priority date: 2007-12-19
<input type="checkbox"/>	<u>3. TYRE FOR VEHICLE WHEELS</u>					
★	Inventor: CASTELLINI ALESSANDRO [IT]	Applicant: PIRELLI [IT] CASTELLINI ALESSANDRO [IT]	EC: B60C11/04 B60C11/12	IPC: B60C11/12	Publication info: WO2009077808 (A1) 2009-06-25	Priority date: 2007-12-19

Examples (II): *RIM vs RTP, inc* *eBay Inc. v. MercExchange, L.L.C.*

In 2001, RTP sues RIM for infringing patent US5436960 in messaging system.

Facing the risk of a injunction that takes away blackberries from shelves, RIM pays \$ 612M to RTP for patent infringement.



Buy It Now price: **US \$300.00** [Buy It Now >](#)

In 2006, MercExchange sues Ebay in front of the Supreme Court of the United States for Violation US Patent 5845265 for the 'buy it now'

Ebay pays \$ 30 M for damage and in 2008 acquires the patent from MercExchange.

Database on line: ESPACENET (VIII)

INPADOC LEGAL DATA EBAY BUY IT NOW

PRS Date :	2008/02/29
PRS Code :	AS
Code Expl.:	ASSIGNMENT
NEW OWNER :	EBAY, INC., CALIFORNIA
EFFECTIVE DATE :	20080225
FURTHER INFORMATION :	ASSIGNMENT OF ASSIGNORS INTEREST;ASSIGNOR:MERCExchange, L.L.C.;REEL/FRAME:020609/0318

[US5845265](#)

On 25/2/2008
the business
method *buy it
now* is
purchased by
ebay

Inpadoc legal data:

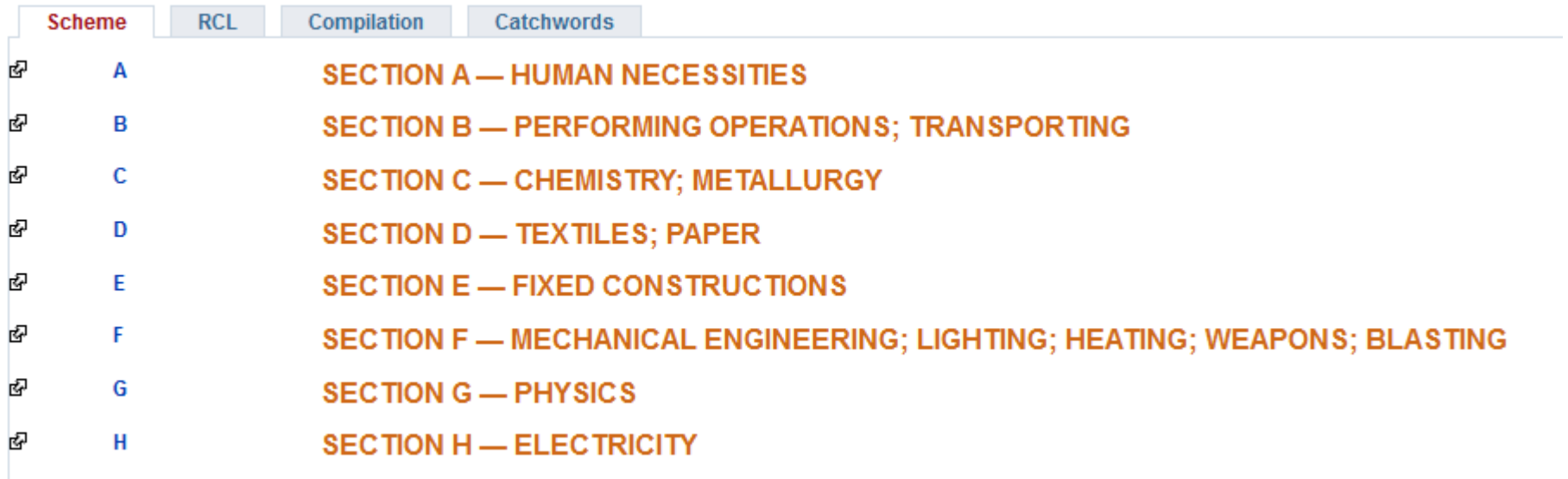
Property changes, oppositions, extensions, licenses, renewals ...

→patent value indicators

In espacenet data is descriptive and can only be analyzed individually

Database on line: WIPO IPC classes

<http://www.wipo.int/ipcpub>



The screenshot shows a web interface for the WIPO IPC classes database. At the top, there are four tabs: 'Scheme' (selected), 'RCL', 'Compilation', and 'Catchwords'. Below the tabs is a list of sections, each with a small square icon to its left. The sections are:

Scheme	RCL	Compilation	Catchwords
A			
B			
C			
D			
E			
F			
G			
H			

Allows navigation within classes and keywords search

Database off line: PATSTAT

<http://www.epo.org/searching/subscription/raw/product-14-24.html>

Contains complete patent data for over 100 patent offices, 60M patents (= Espacenet)

Relational DB across over 20 tables

Advantages:

Completeness of data; available geographic data (EP / EU)

Standard used by many institutions

Several plug and play resources (standard names, academic inventors ...)

Disadvantages:

Access Fee

High setup cost

Non-standardized and non-reclassified data;

Database off line: PATENTSVIEW

<http://www.patentsview.org/>

platform uses data derived from the US Patent and Trademark Office (USPTO) bulk data files. These data are provided for research purposes and do not constitute the official USPTO record.

Advantages:

Free Resource

Standardized and aggregated data

Constant updating of data

Easy graphic interface

Geocoding

Entity resolution (inv ,app)

Disadvantages:

USPTO Only

Medium setup cost

