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esp@cenet assistant 日本語版 (36 本の短編eラーニングモジュールを通じてesp@cenetの使い方が学べます)
So many of you wrote in response to our editorial on the biometric application which would interrupt your esp@cenet searches with soothing images and calming sounds if it thought that you were too stressed, anxious or tired.
It seems that most of you thought that such an intervention would lead to an increased level of tension and indeed anger.....
We agree totally and we will NOT be implementing that biometric application after all.
And - and for those of you with strong negative opinions on the matter- we refer you to the date of the publication of the announcement ;-)
Sorry to disappoint those of you who thought that restful images and relaxing sound effects would be a good idea.
We'll be back soon with the winners of esp@cenet quiz no2 and the correct answers and with the questions for esp@cenet quiz no3.
Watch this space!
Lisa McDonald-Maier and Nigel Clarke
Release notes and known issues.
Worldwide patent data coverage information
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News Flashes
Scheduled Maintenance
Please be advised that in the weekend of the 19th of April 2008, our services may be temporarily interrupted due to essential maintenance. We apologise for any inconvenience
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esp@cenet Virtual ClassRooms
The next round of esp@cenet virtual classfooms will kick off on 1st April with "esp@cenet - in the beginning" and on 4th April with "so you think you know everything about esp@cenet". With Nigel Clarke, Geert Boedt and Lisa McDonald
virtual classroom registration
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Latest Updates
FR2906962 - 20080411
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EP1909552 - 20080409
GB2442698 - 20080409
SE0701361 - 20080408
US7356848 - 20080408
CA2606652 - 20080405
US2008083045 - 20080403

Keyword searches or technology class searches?

Keyword searches

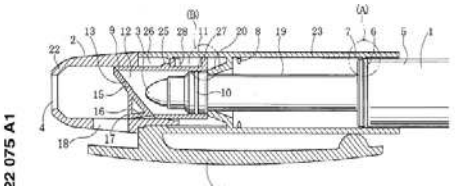
- Patent applicants don't use a common language
  - Legal implications
  - Scope of protection
  - Hide from competitors
- Hard to find the right keywords
- Good results usually require professional patent search experience

Technology class searches

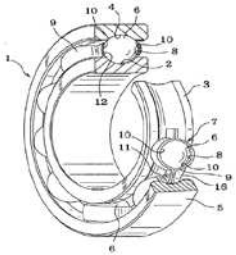
- Each patent classified by patent professionals
- IPC is hierarchical and very detailed: you can gradually narrow down searches
- Descriptions of classes written in such a way as to be easily found and understood
- Little experience required
- BUT: IPC classes won't match your needs 100%

Patent jargon

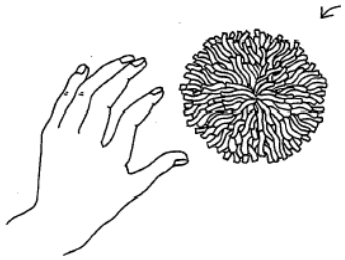
writing instrument = pen



a plurality of balls = ball bearing

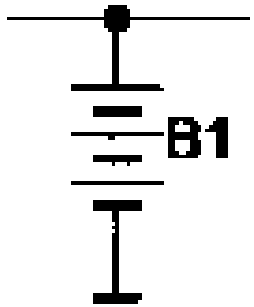


spherical object with floppy filaments to promote sure capture = toy ball

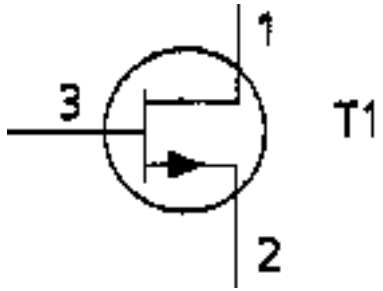


Patent jargon in electronics

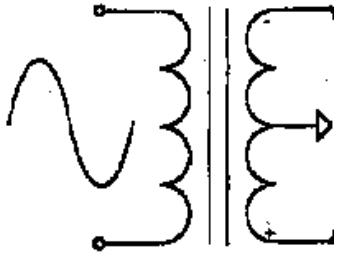
electrical power source for electronic circuits = battery



semiconductor switching device with a control electrode = transistor

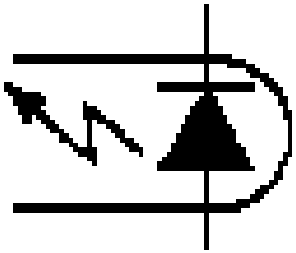


galvanically isolated electrical coupling means = transformer

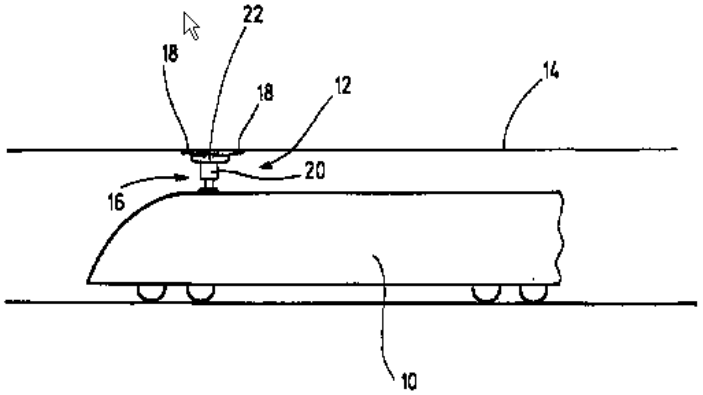


Patent jargon in electronics

photo-transmitting device = LED (light-emitting diode)

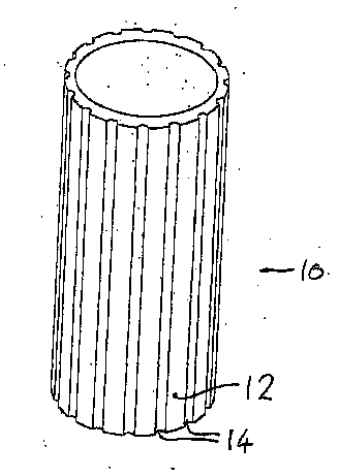


arrangement for tapping power from an electrical cable = current collector

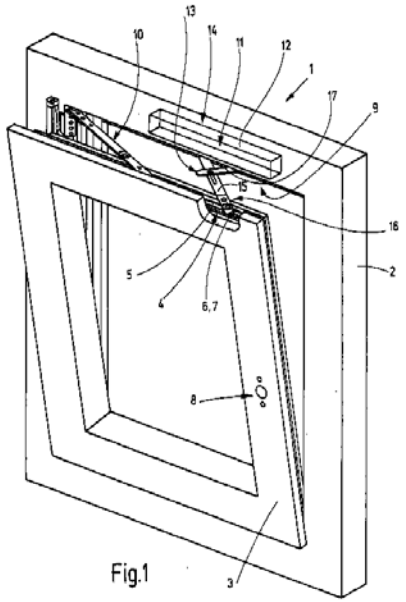


Patent jargon in general technology

elongate member = pipe, riser, cable or optical fibre

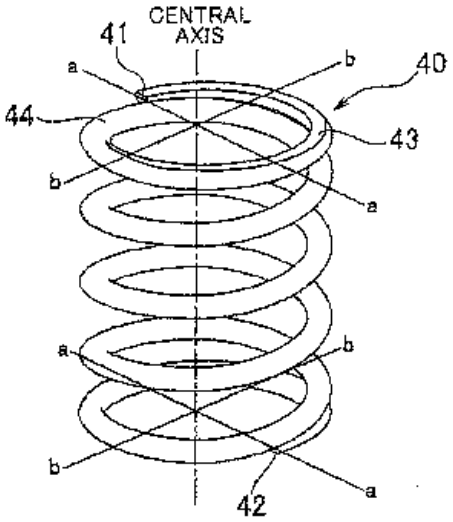


wing = door or window

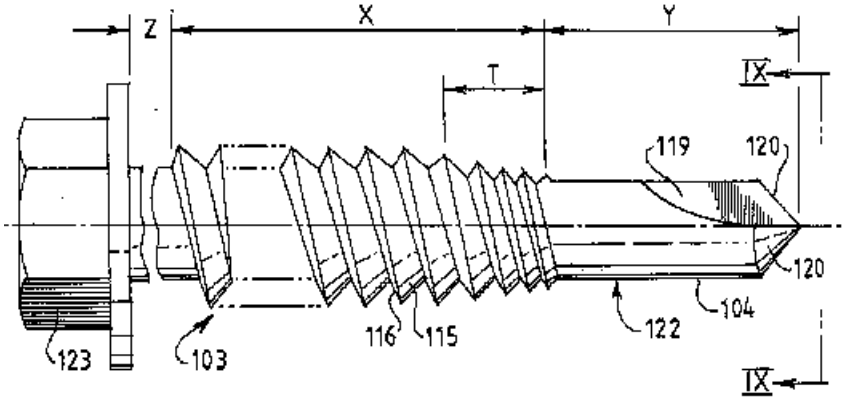


Patent jargon in general technology

energy-storing means = spring

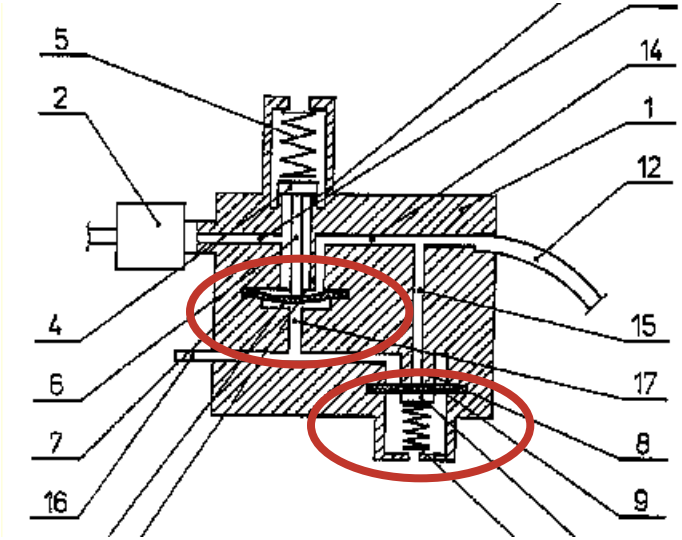


fastening means = nail, screw or rivet, etc.

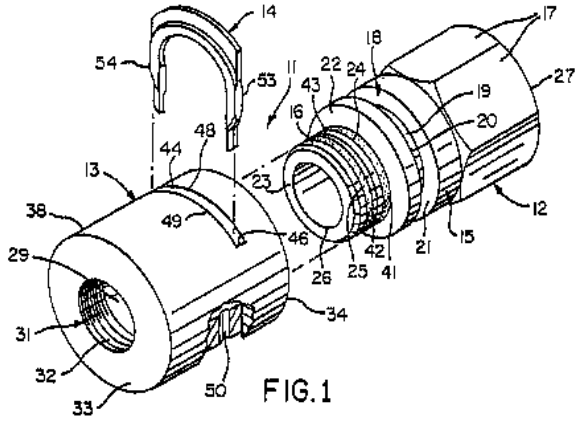


Patent jargon in general technology

a flexible member = membrane or diaphragm



locking means = U-shaped retain etc.



Patent jargon in chemistry

• water- and oil-repellent surface	**Teflon®**
• water-soluble or water-dispersible polymer	**polyacrylic acid (salt) or polyvinyl alcohol**
• superabsorbent	**gel of polyacrylic acid (salt)**
• expanded styrenic (co)polymer	**polystyrene foam; Styrofoam®**
• polyisoprene	**natural rubber**
• ionomer	**copolymer of ethylene and salts of acrylic acid**
• graft copolymer of vinyl aromatic monomers on a butadiene rubber	**ABS (the plastic of which LEGO bricks are made)**
• aromatic polyester	**PET (polyethylene terephthalate)**

Patent jargon in chemistry

- A composition ***comprising*** A, B and C
  = a mixture of at least A, B and C, and possibly other components
  Example: A composition **comprising** a solution of lactic acid in alcohol/water
  → **Wine!**

- A composition ***consisting of*** A, B and C
  = a mixture in which only A, B and C are present
  Example: A composition **consisting of** a solution of lactic acid in alcohol/water
  → **Wine is now excluded, since it comprises many more products than just lactic acid, alcohol and water.**

- A composition ***consisting essentially of*** A, B, and C
  = a mixture of A, B and C which may include further components provided they do not negatively affect the effect of the invention
  Example: A composition **consisting essentially of** a solution of lactic acid in alcohol/water
  → **Wine might be included if the other components in wine do not prevent the effect of the invention being obtained.**

Patent jargon in chemistry/pharmaceuticals

A composition comprising water and glycerol

"comprising"	=	further ingredients may also be present
"containing"	=	further ingredients may also be present
"consisting of"	=	only the ingredients listed are present

Patent jargon in pharmaceuticals

ophthalmic solution	=	a solution suitable for the application to the eye (for example, NOT a sodium hydroxide solution with a pH of 13)
pharmaceutically acceptable carrier	=	any substance that the expert working in the field (= person skilled in the art) would use for preparing a medicament (examples: cellulose, glycerol, starch)
device for mixing the pharmaceutical ingredients	=	any apparatus or mixer which is **suitable** for this purpose. It need not necessarily come from the pharmaceutical area and may be used for a different purpose (example: a household mixer)

Patent jargon in pharmaceuticals

pharmaceutical composition comprising X and Y for use in the treatment of disease Z

=

exception to the principle explained: intended use is taken into consideration (instead of just a "suitable for" check)

if

- the composition has not been used in medicine before (= first medical use) or

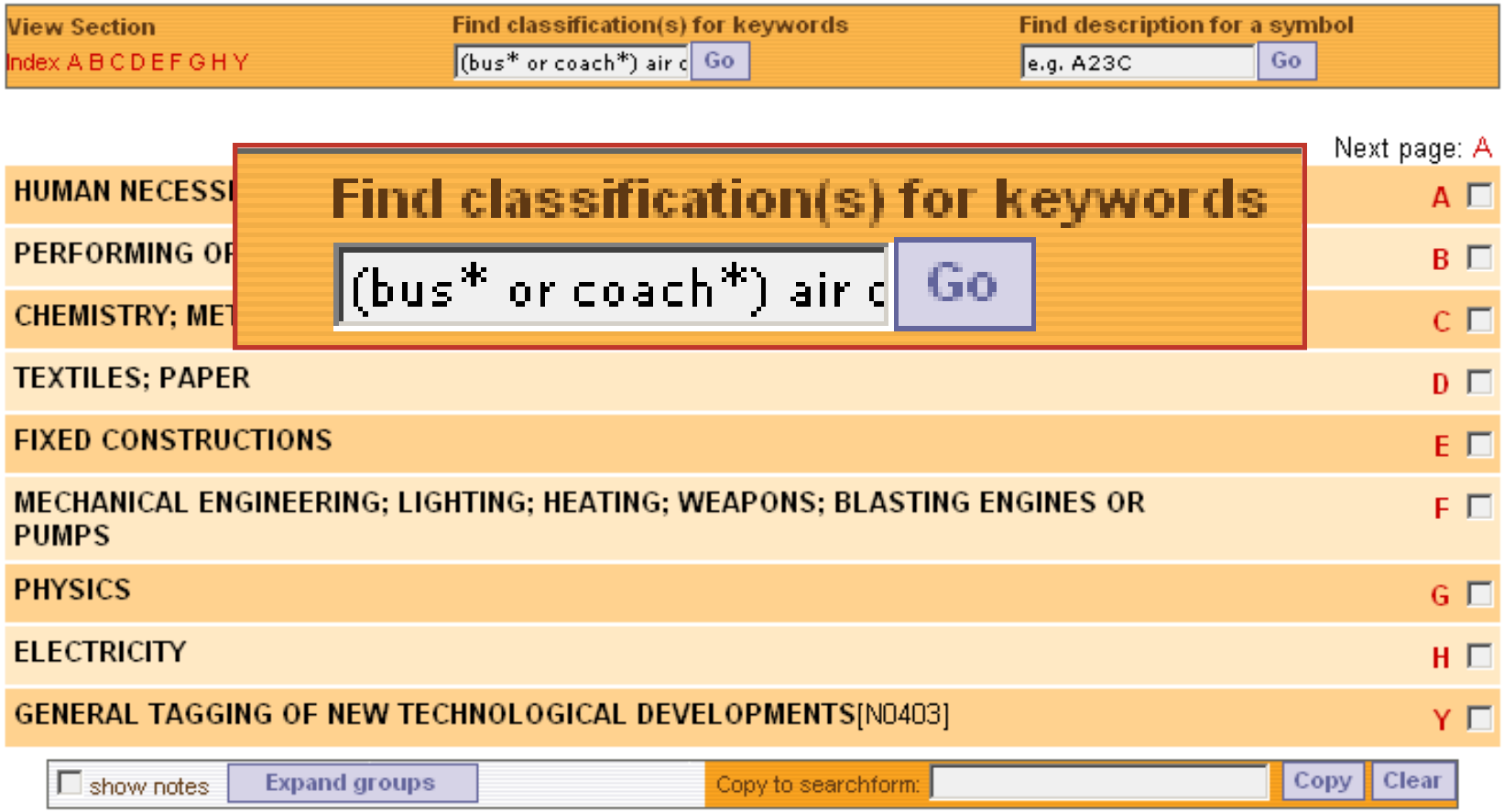
- at least the specific use has not been described before (= second medical use)

Classification search

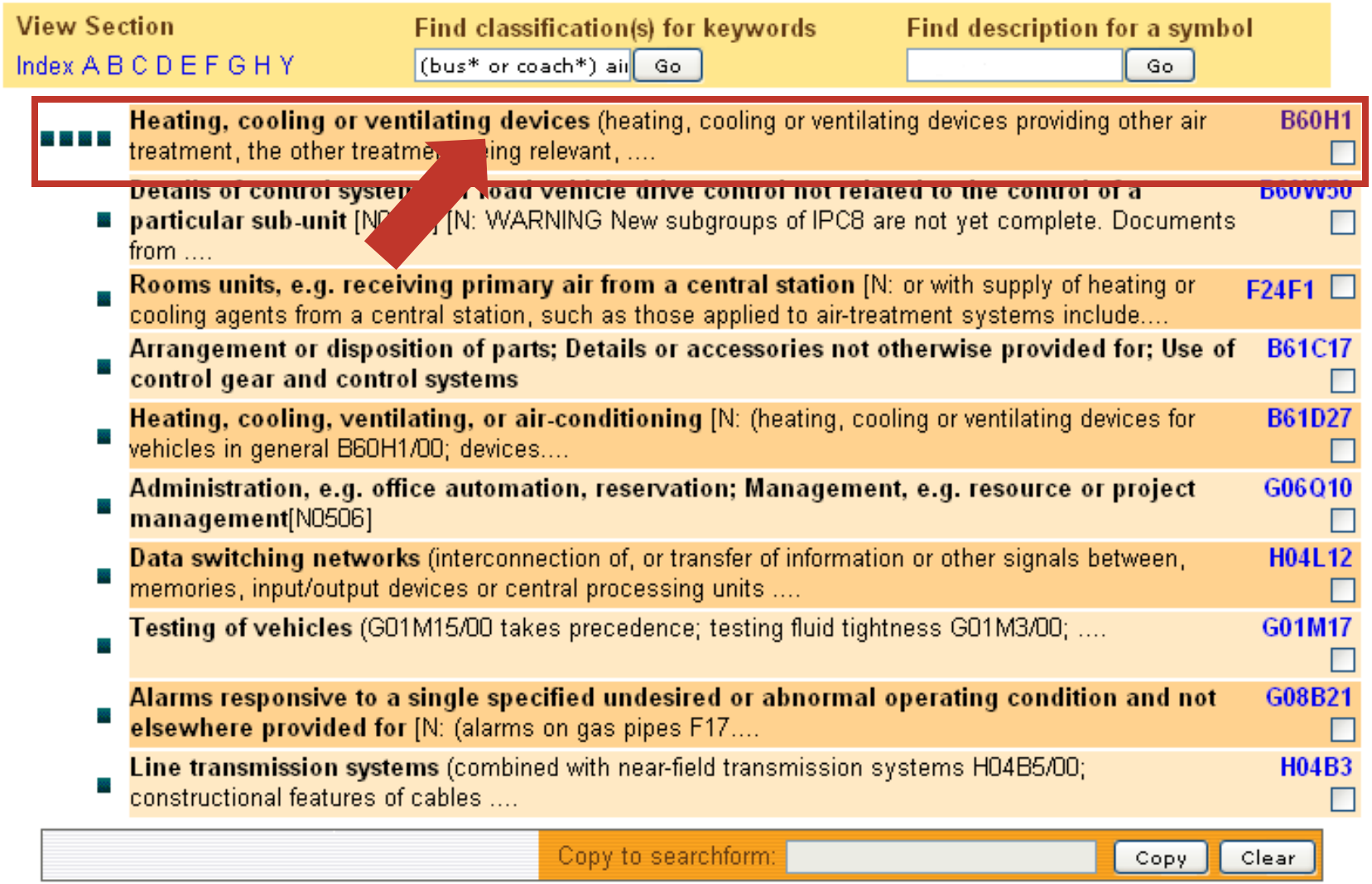


Wanted: air-conditioning technology for buses

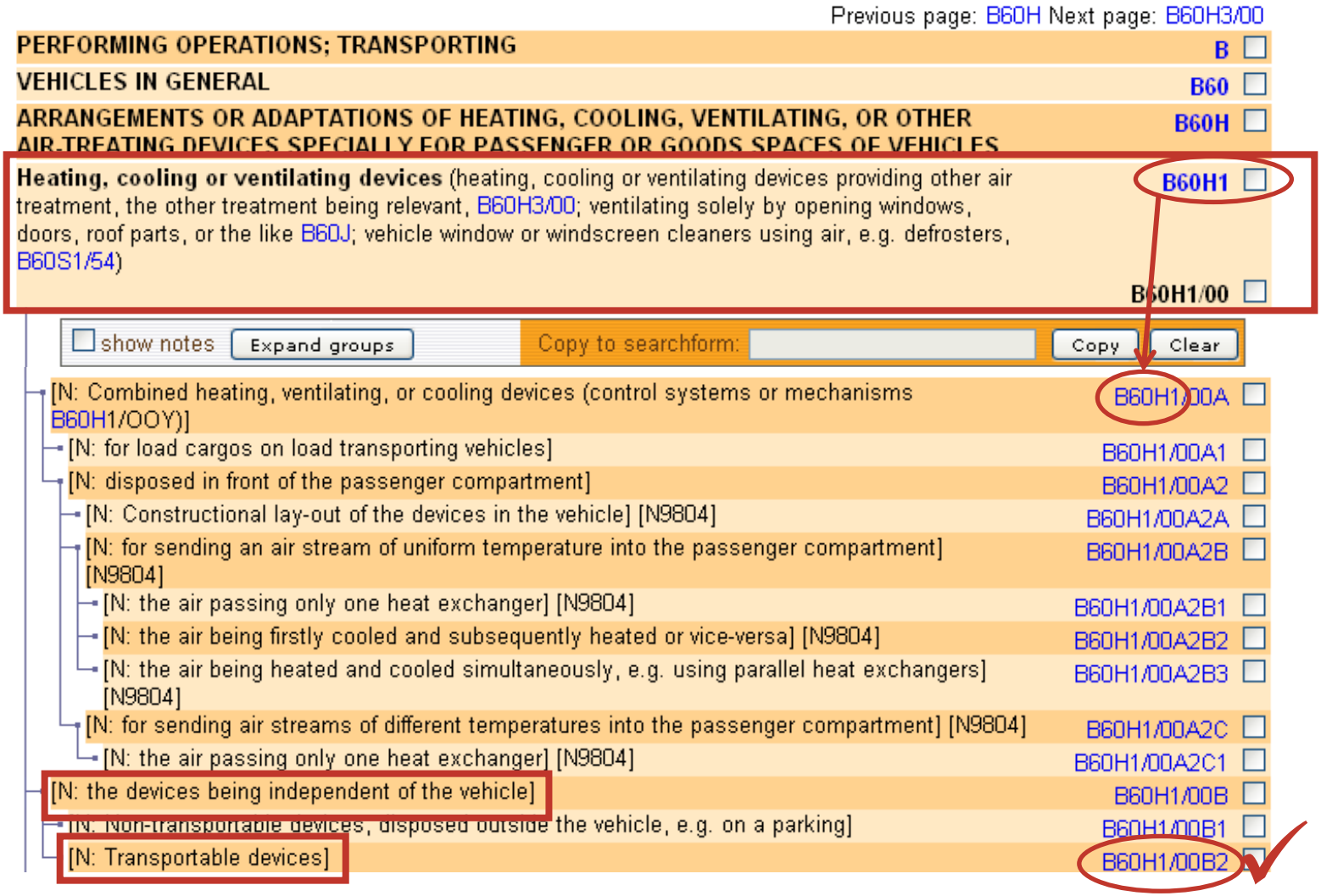
Search the European classification



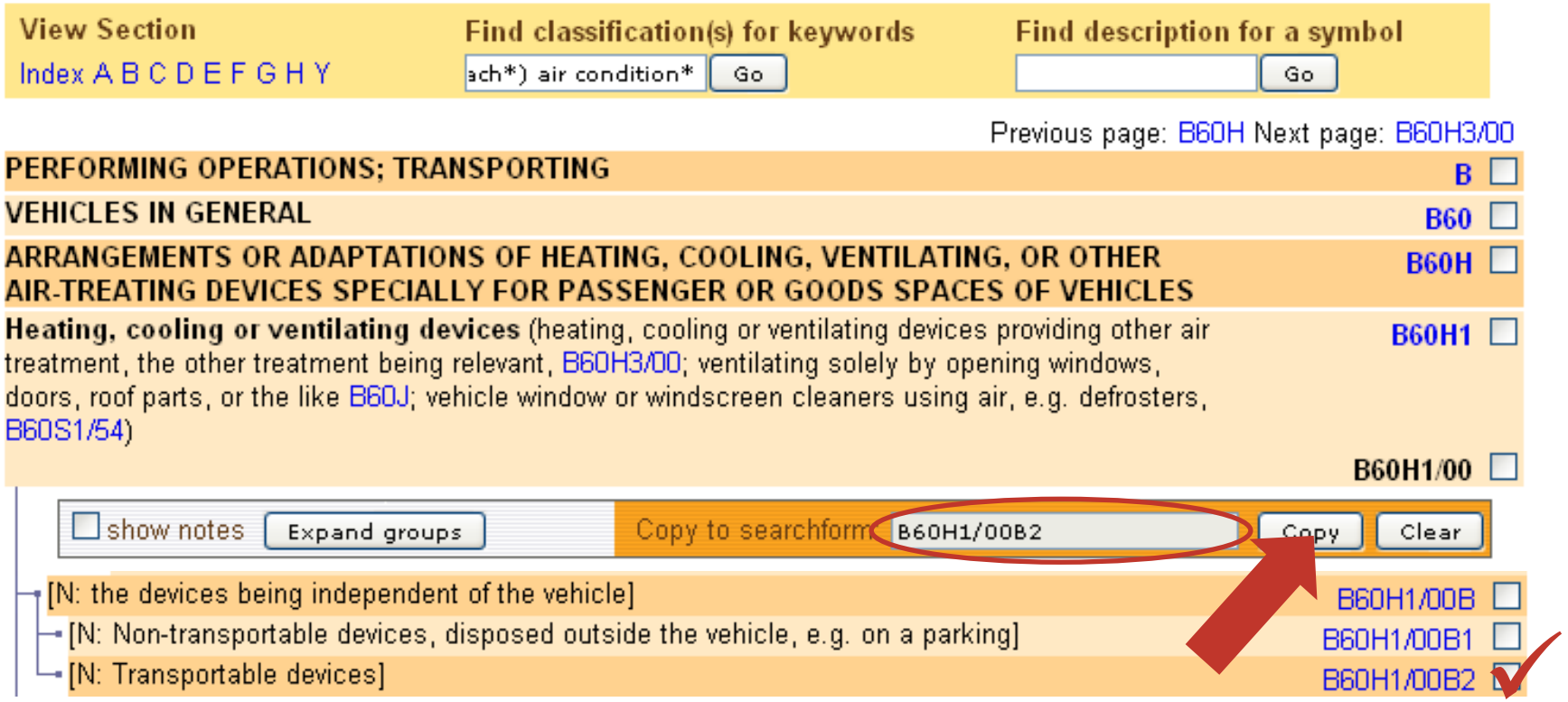
Our search results: relevant ECLA classes



Detailed view of a technology class



Searching for patents in the relevant classes



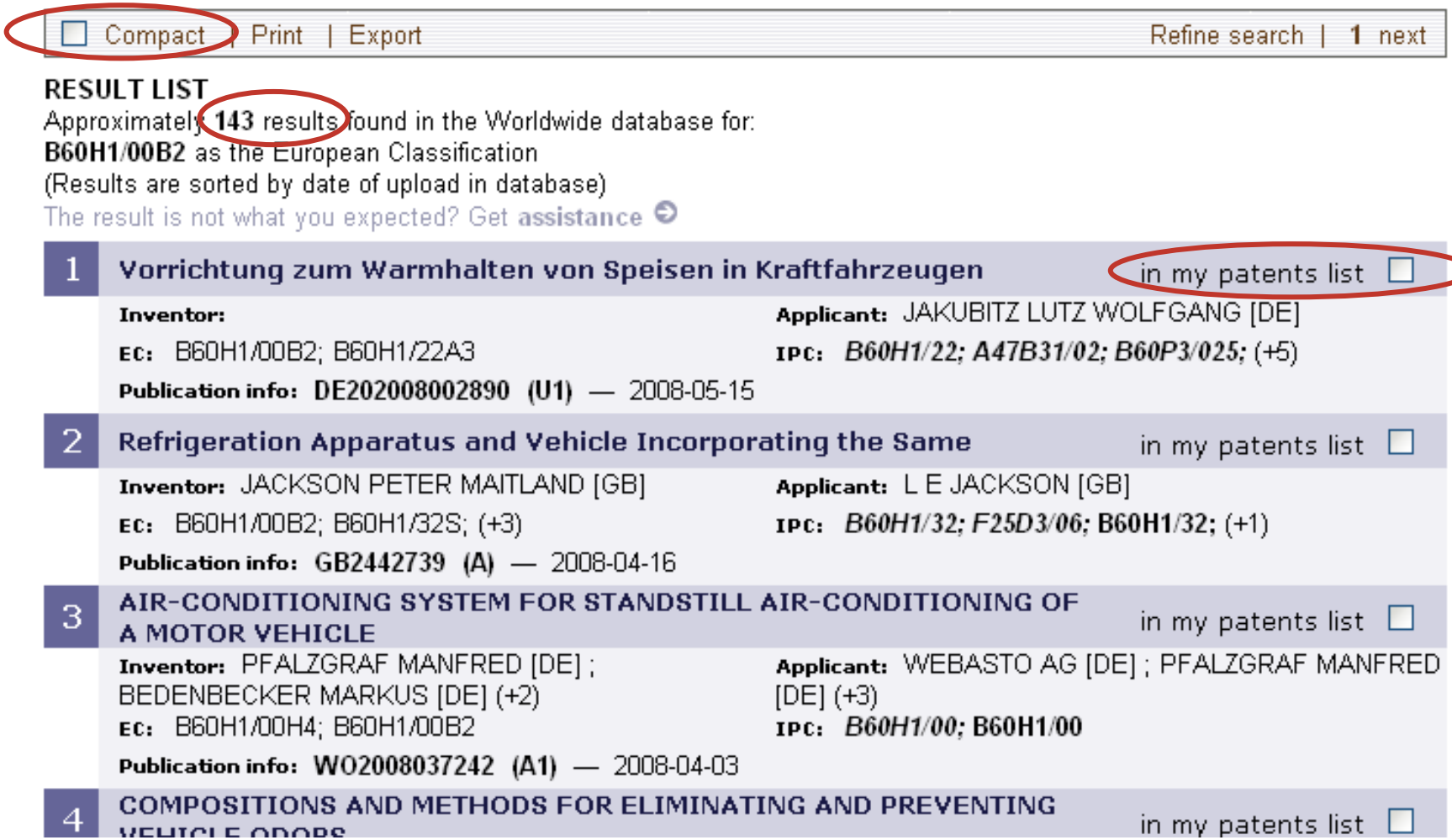
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B60H1/00B2 as the European Classification
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1 **Vorrichtung zum Warmhalten von Speisen in Kraftfahrzeugen** in my patents list

Inventor:
Applicant: JAKUBITZ LUTZ WOLFGANG [DE]
EC: B60H1/00B2; B60H1/22A3
IPC: *B60H1/22; A47B31/02; B60P3/025;* (+5)
Publication info: **DE202008002890 (U1)** — 2008-05-15

2 **Refrigeration Apparatus and Vehicle Incorporating the Same** in my patents list

Inventor: JACKSON PETER MAITLAND [GB]
Applicant: L E JACKSON [GB]
EC: B60H1/00B2; B60H1/32S; (+3)
IPC: *B60H1/32; F25D3/06;* **B60H1/32;** (+1)
Publication info: **GB2442739 (A)** — 2008-04-16

3 **AIR-CONDITIONING SYSTEM FOR STANDSTILL AIR-CONDITIONING OF A MOTOR VEHICLE** in my patents list

Inventor: PFALZGRAF MANFRED [DE] ; BEDENBECKER MARKUS [DE] (+2)
Applicant: WEBASTO AG [DE] ; PFALZGRAF MANFRED [DE] (+3)
EC: B60H1/00H4; B60H1/00B2
IPC: *B60H1/00;* **B60H1/00**
Publication info: **WO2008037242 (A1)** — 2008-04-03

4 **COMPOSITIONS AND METHODS FOR ELIMINATING AND PREVENTING VEHICLE ODORS** in my patents list

Self-contained refrigeration unit

Bibliographic data | Description | Claims | Mosaics | Original document | INPADOC legal status

Publication number: EP1308330 (A1)
Publication date: 2003-05-07
Inventor(s): MATONOG PHILIPPE [FR]; PETIT XAVIER [US]
Applicant(s): CARRIER CORP [US]
Classification:
- international: ***B60H1/00; B60H1/32; B60P3/20;*** *F25D19/00;* **B60H1/00; B60H1/32; B60P3/20;** F25D19/00; (IPC1-7): B60H1/32
- European: B60H1/00B2; B60H1/00H1; B60H1/32C11; B60P3/20
Application number: EP20020257383 20021024
Priority number(s): US20010021573 20011030

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Also published as:
EP1308330 (B1)
US2004187507 (A1)
US2003079487 (A1)
ES2256417 (T3)
DE60208762 (T2)

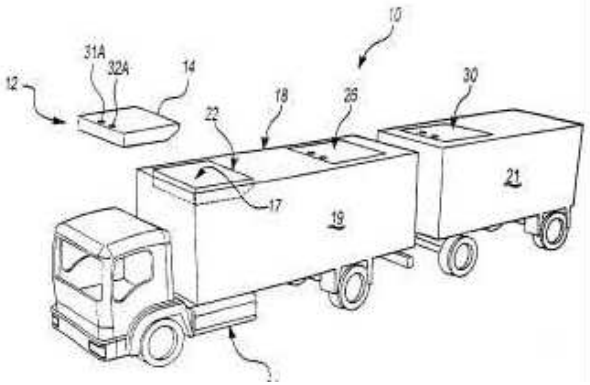
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Cited documents:
WO0065288 (A1)
US6279334 (B1)
US2766439 (A)
US5438842 (A)
DE19641642 (A1)

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Abstract of **EP 1308330 (A1)**

A removable self-contained refrigerat[illegible]it 12 is mounted within a vehicle 10, and is removable from a v[illegible]icle as a unit. The casing 14 mounts both the evaporator 42 and the condenser 34, and in one embodiment also mounts the compressor 46. With the embodiment that mounts the compressor 46, no refrigerant lines need be found anywhere except on the casing 14. The casing 14 is removable from the vehicle as a one piece unit merely by connecting or disconnecting electrical connections 31A,31B. In a second embodiment (Fig. 5) the compressor 53 is mounted remotely from the casing 14 but the evaporator 42 and condenser 34 are still changeable as a one piece unit 12. In this embodiment a refrigerant connection 50 need also be connected or disconnected to change the unit.



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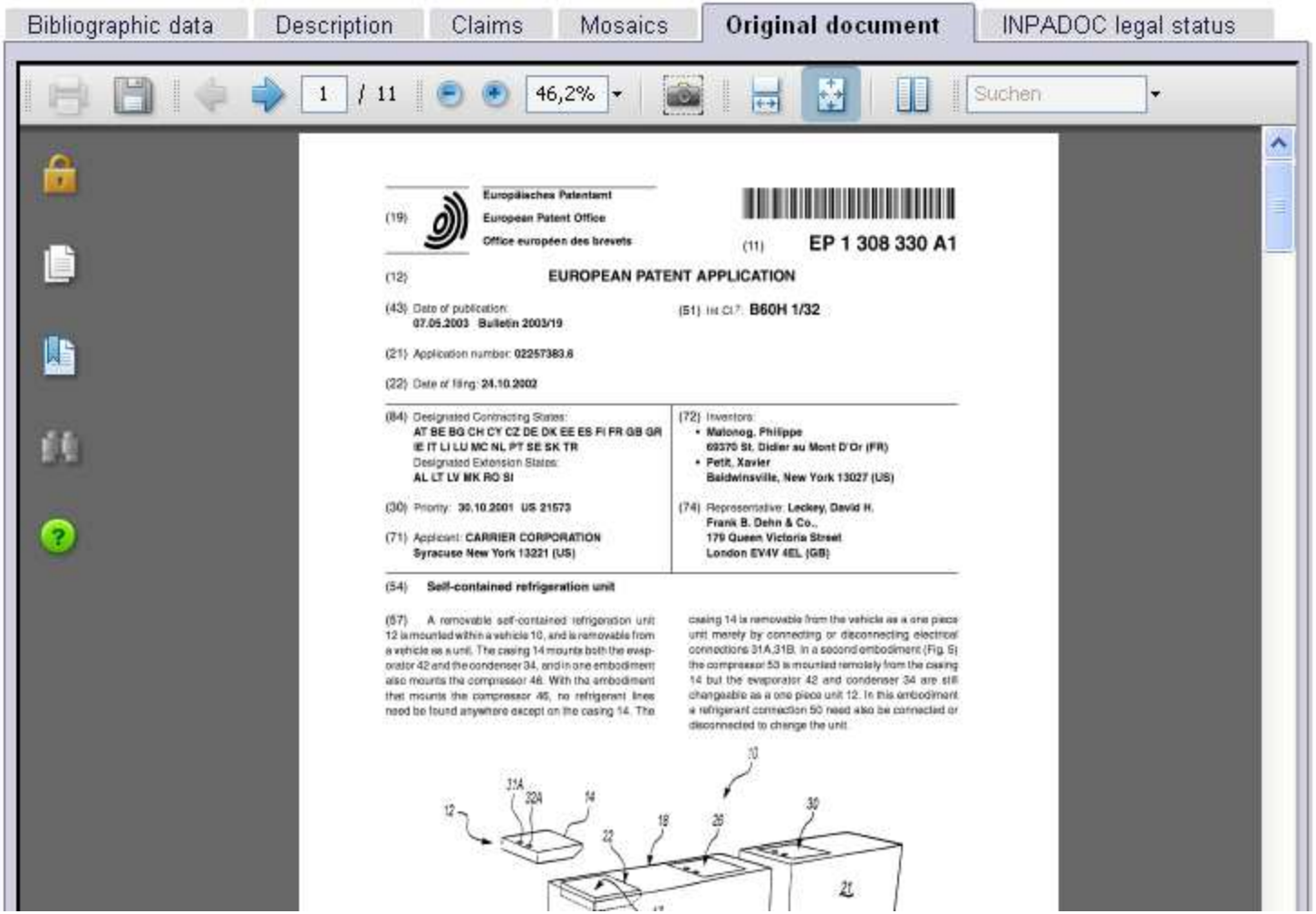
Citing documents for EP0200362 (PCR, invented by Nobel Laureate Kary Mullis)



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Self-contained refrigeration unit

Bibliographic data | Description | Claims | Mosaics | **Original document** | INPADOC legal status



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(19) (11) EP 1 308 330 A1

(12) EUROPEAN PATENT APPLICATION

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(21) Application number: 02257383.6

(22) Date of filing: 24.10.2002

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Designated Extension States:
AL LT LV MK RO SI

(30) Priority: 30.10.2001 US 21573

(71) Applicant: CARRIER CORPORATION
Syracuse New York 13221 (US)

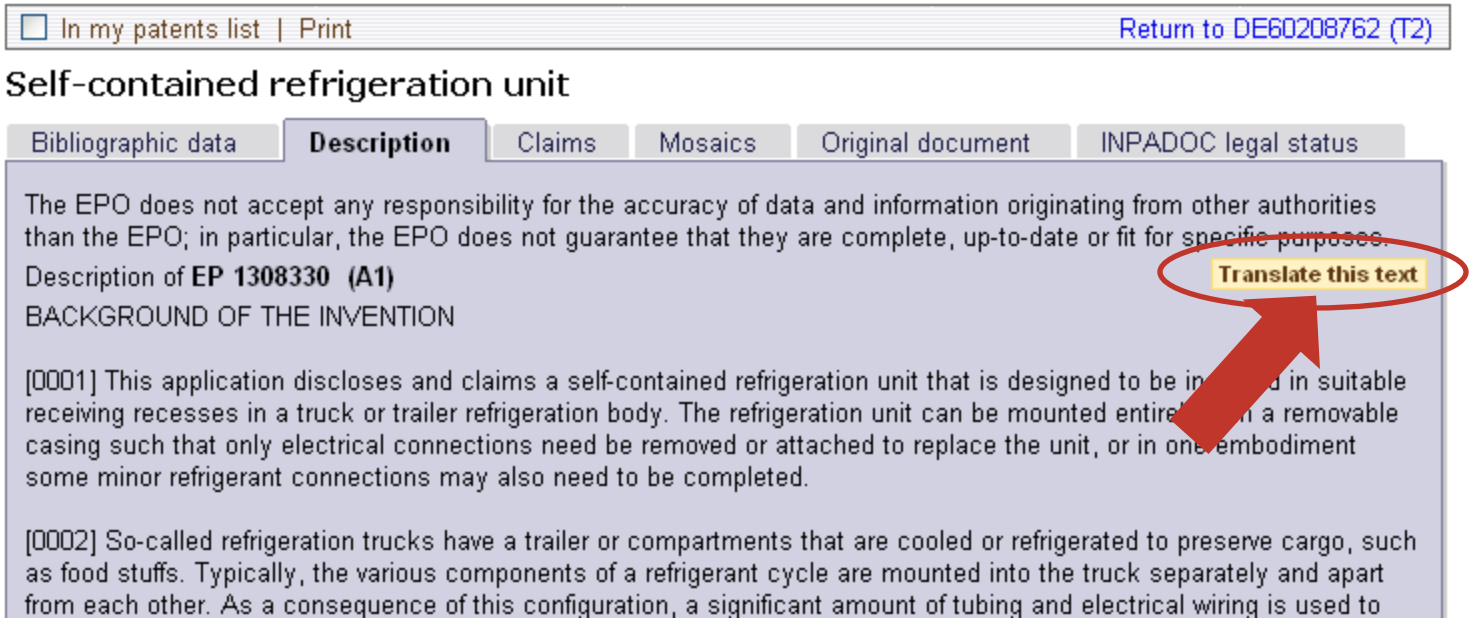
(72) Inventors:
- Malonog, Philippe
  69370 St. Didier au Mont D'Or (FR)
- Petit, Xavier
  Baldwinsville, New York 13027 (US)

(74) Representative: Leckey, David H.
Frank B. Dehn & Co.,
179 Queen Victoria Street
London EV4V 4EL (GB)

(54) **Self-contained refrigeration unit**

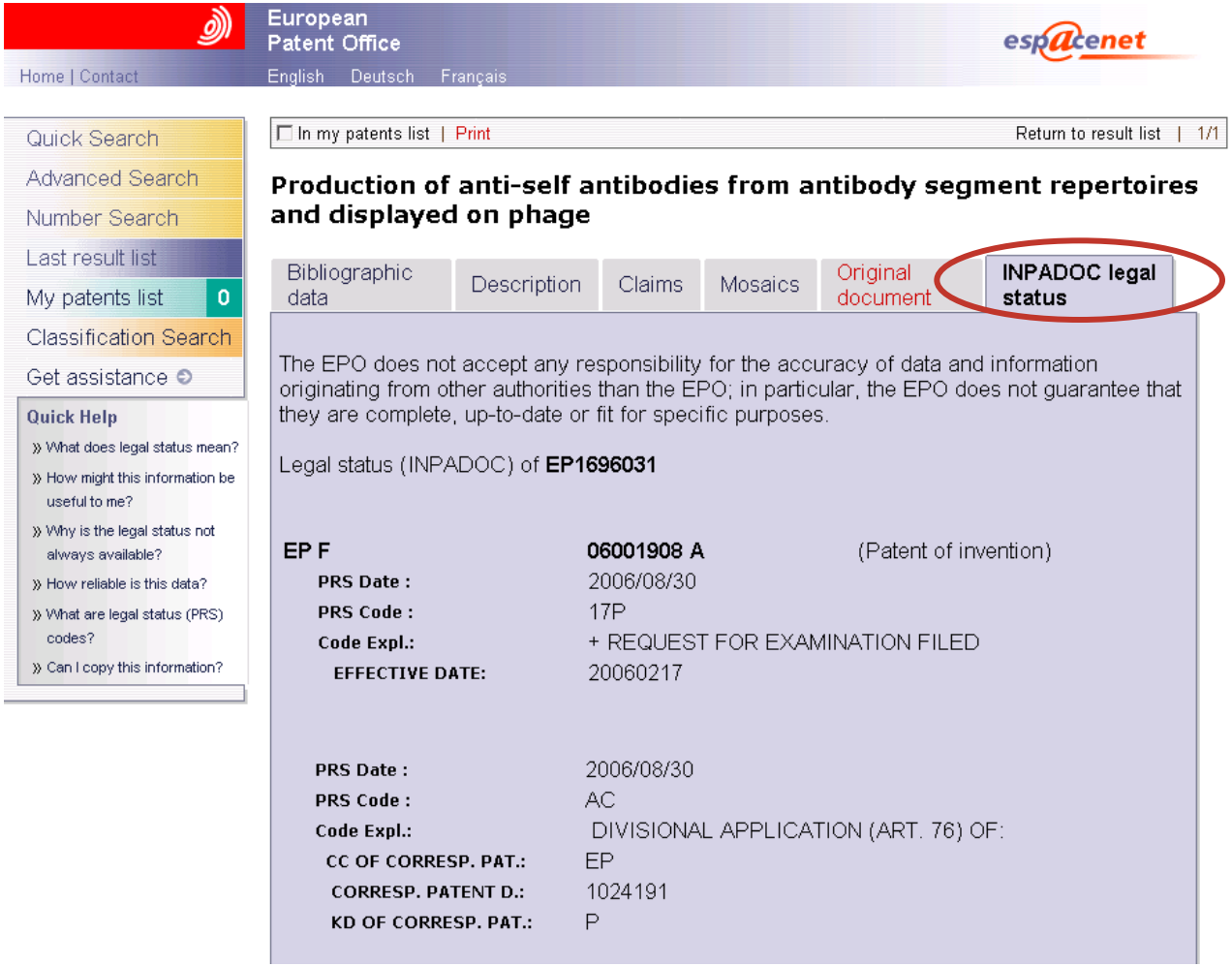
(57) A removable self-contained refrigeration unit 12 is mounted within a vehicle 10, and is removable from a vehicle as a unit. The casing 14 mounts both the evaporator 42 and the condenser 34, and in one embodiment also mounts the compressor 46. With the embodiment that mounts the compressor 46, no refrigerant lines need be found anywhere except on the casing 14. The casing 14 is removable from the vehicle as a one piece unit merely by connecting or disconnecting electrical connections 31A,31B. In a second embodiment (Fig. 5) the compressor 53 is mounted remotely from the casing 14 but the evaporator 42 and condenser 34 are still changeable as a one piece unit 12. In this embodiment a refrigerant connection 50 need also be connected or disconnected to change the unit.

Machine translation of description and claims

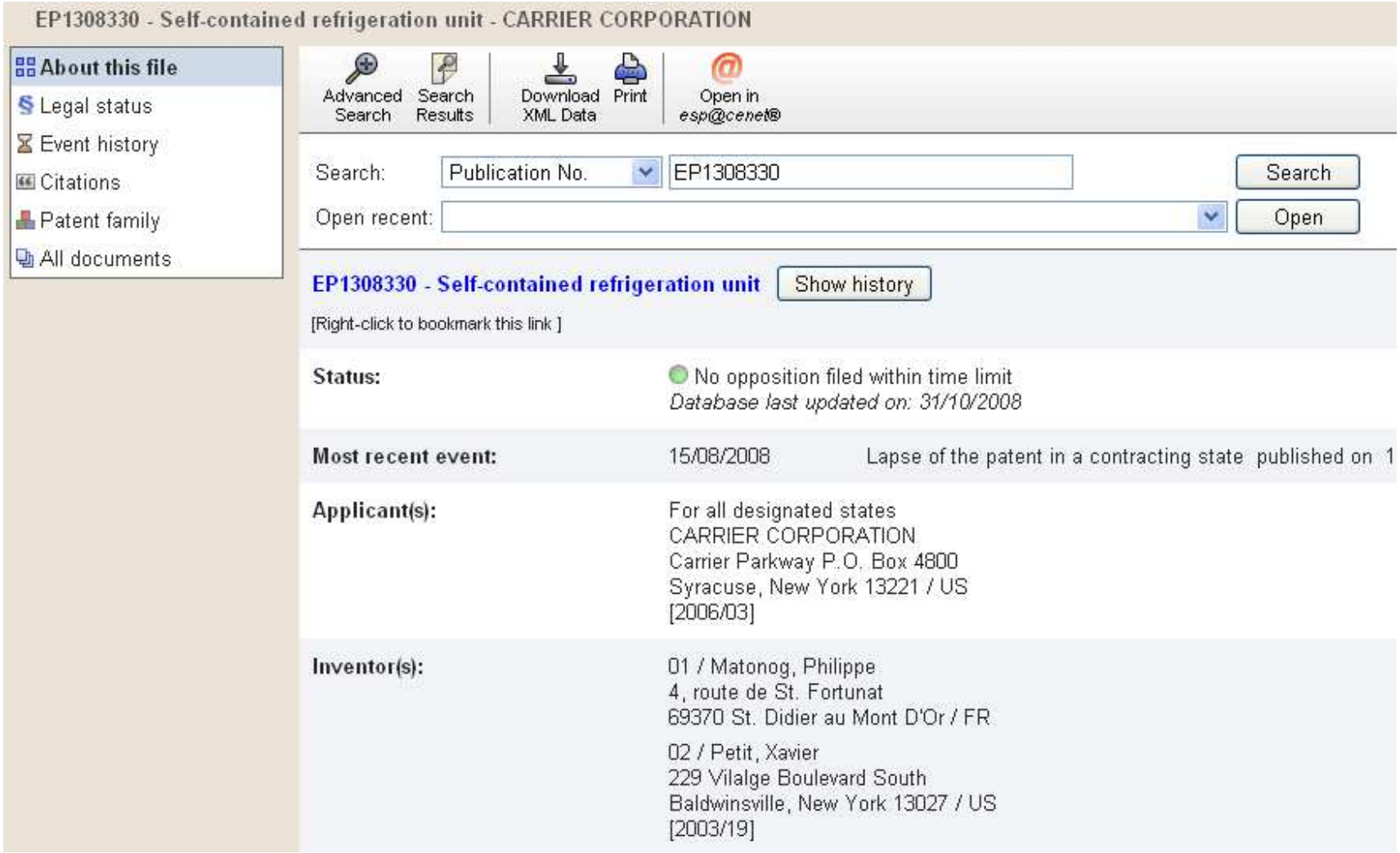




INPADOC legal status

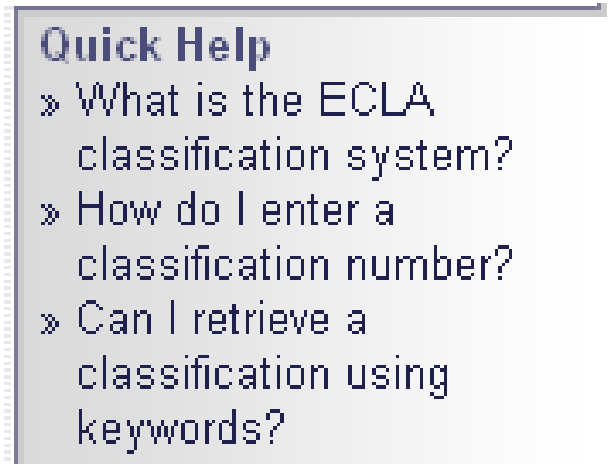


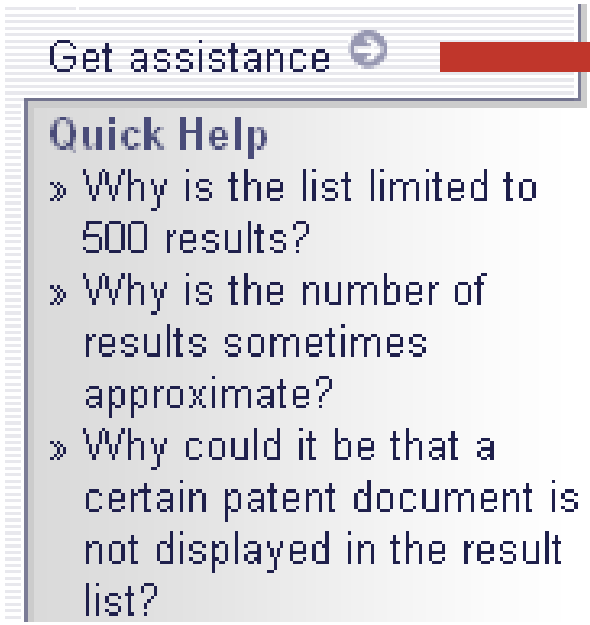
Detailed information on European patent applications



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