

Searching for patents

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- designed for scientists and engineers
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Search using publication, application, priority or NPL reference number

Classification Search

Browse or search the Classification System of the European Patent Office

esp@cenet - NEWS

[esp@cenetユーザーの皆様](#),
[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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[Some basic things you should know about searching](#)
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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

[read more...](#)

esp@cenet Virtual ClassRooms

The next round of esp@cenet virtual classrooms 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](#)

[read more...](#)

Latest Updates

- **FR2906962** - 20080411
- **WO2008043113** - 20080410
- **DE112006001804** - 20080410
- **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

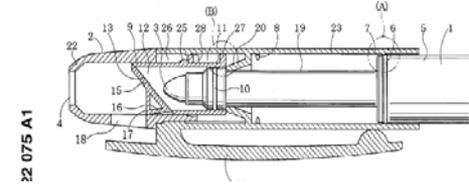
Technology class searches

- 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

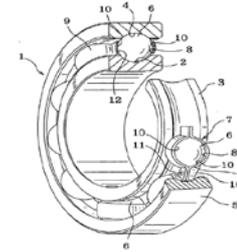
writing instrument

= pen



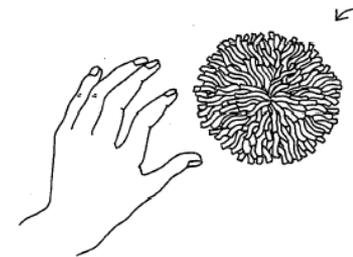
a plurality of balls

= ball bearing



spherical object
with floppy filaments
to promote sure capture

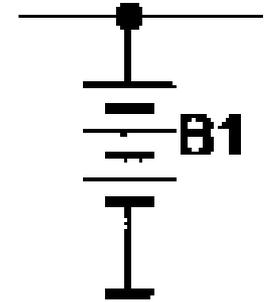
= toy ball



Patent jargon in electronics

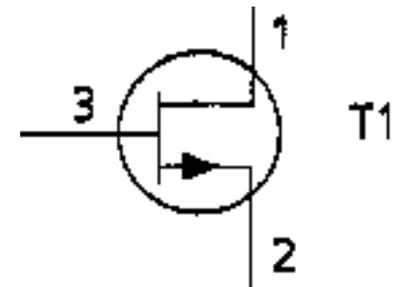
electrical power source for electronic circuits

= battery



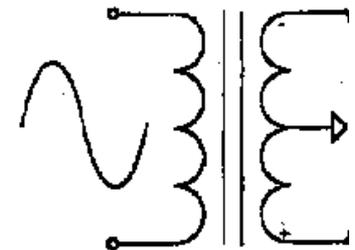
semiconductor switching device with a control electrode

= transistor



galvanically isolated electrical coupling means

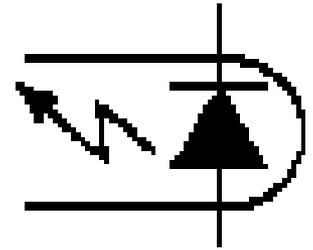
= transformer



Patent jargon in electronics

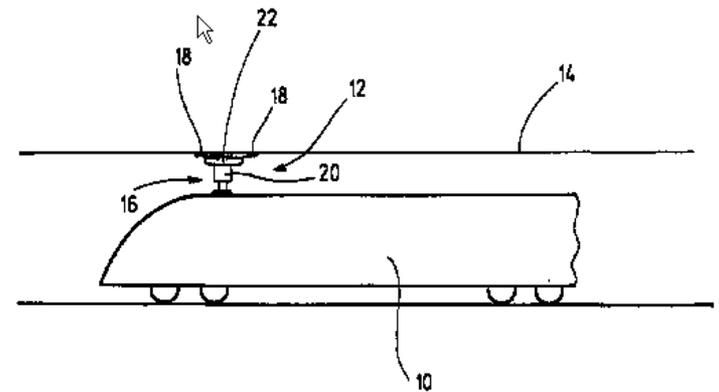
photo-transmitting device

= LED (light-emitting diode)



arrangement for tapping
power from
an electrical cable

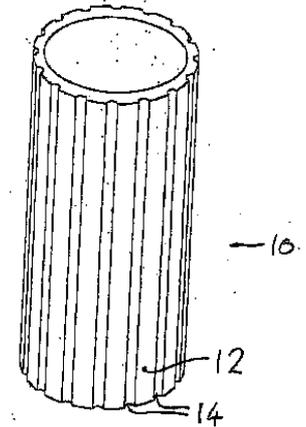
= current collector



Patent jargon in general technology

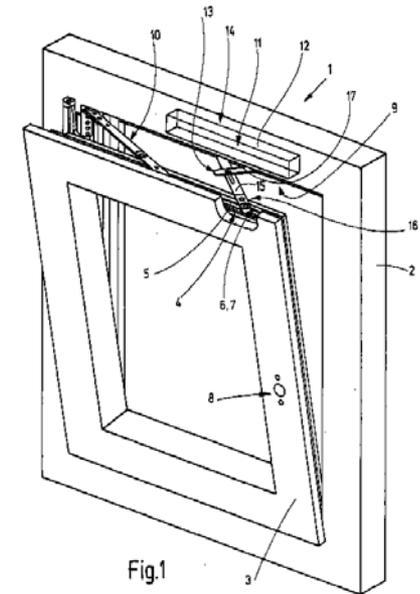
elongate member

= pipe, riser, cable or optical fibre



wing

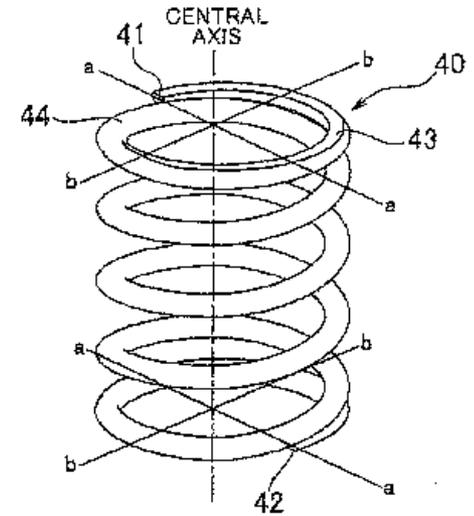
= door or window



Patent jargon in general technology

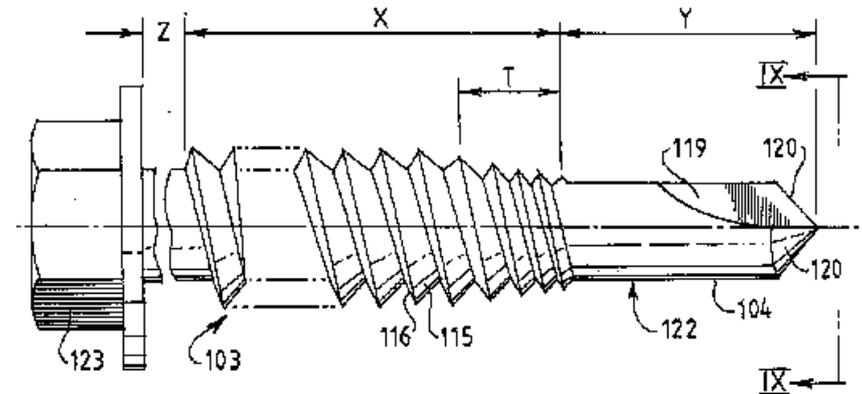
energy-storing means

= spring



fastening means

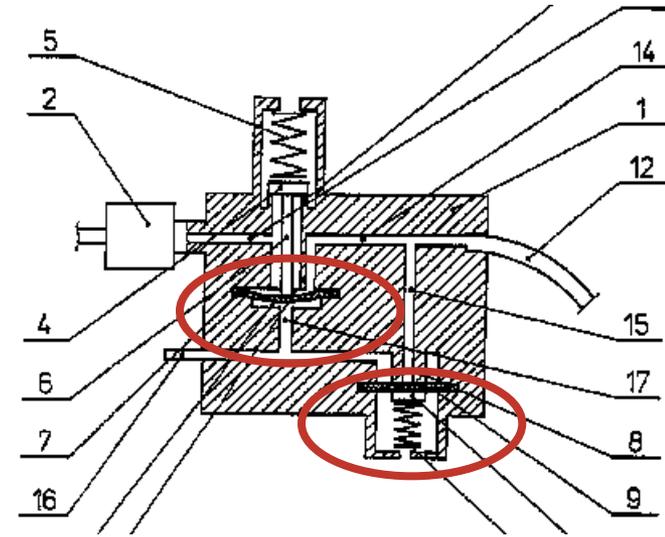
= nail, screw or rivet, etc.



Patent jargon in general technology

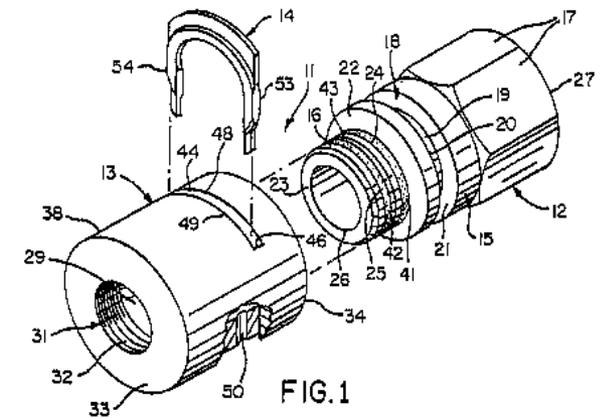
a flexible member

= membrane or diaphragm



locking means

= U-shaped retain etc.



Patent jargon in chemistry

- water- and oil-repellent surface
- water-soluble or water-dispersible polymer
- superabsorbent
- expanded styrenic (co)polymer
- polyisoprene
- ionomer

- graft copolymer of vinyl aromatic monomers on a butadiene rubber
- aromatic polyester

Teflon®

polyacrylic acid (salt) or polyvinyl alcohol

gel of polyacrylic acid (salt)

polystyrene foam; Styrofoam®

natural rubber

copolymer of ethylene and salts of acrylic acid

ABS (the plastic of which LEGO bricks are made)

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 = exception to the principle explained:
comprising X and Y **for use**
in the treatment of disease Z 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



European Patent Office

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How do I use the Classification search? Get **assistance** ↗

Search the European classification

View Section	Find classification(s) for keywords	Find description for a symbol
Index A B C D E F G H Y	<input type="text" value="e.g. mast sail"/> <input type="button" value="Go"/>	<input type="text" value="e.g. A23C"/> <input type="button" value="Go"/>

Next page: **A**

HUMAN NECESSITIES	A <input type="checkbox"/>
PERFORMING OPERATIONS; TRANSPORTING	B <input type="checkbox"/>
CHEMISTRY; METALLURGY	C <input type="checkbox"/>
TEXTILES; PAPER	D <input type="checkbox"/>
FIXED CONSTRUCTIONS	E <input type="checkbox"/>
MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS	F <input type="checkbox"/>
PHYSICS	G <input type="checkbox"/>
ELECTRICITY	H <input type="checkbox"/>
GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS	Y <input type="checkbox"/>
[N0403]	

<input type="checkbox"/> show notes	<input type="button" value="Expand groups"/>	Copy to searchform: <input style="width: 150px;" type="text"/>	<input type="button" value="Copy"/>	<input type="button" value="Clear"/>
-------------------------------------	--	--	-------------------------------------	--------------------------------------

- Quick Search
- Advanced Search
- Number Search
- Last result list
- My patents list 0
- Classification Search**
- Get assistance ↗

- Quick Help**
- » What is the ECLA classification system?
 - » How do I enter a classification number?
 - » Can I retrieve a classification using keywords?
 - » Can I start a new search using the classifications listed?
 - » Is the ECLA system updated?
 - » How can I view the text of an ECLA class?

Wanted: air-conditioning technology for buses

Search the European classification

View Section Index A B C D E F G H Y	Find classification(s) for keywords <input type="text" value="(bus* or coach*) air c"/> <input type="button" value="Go"/>	Find description for a symbol <input type="text" value="e.g. A23C"/> <input type="button" value="Go"/>
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HUMAN NECESSITIES	Find classification(s) for keywords <input type="text" value="(bus* or coach*) air c"/> <input type="button" value="Go"/>	Next page: A <input type="checkbox"/>
PERFORMING OPERATIONS		B <input type="checkbox"/>
CHEMISTRY; METALLURGY		C <input type="checkbox"/>
TEXTILES; PAPER		D <input type="checkbox"/>
FIXED CONSTRUCTIONS		E <input type="checkbox"/>
MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING ENGINES OR PUMPS		F <input type="checkbox"/>
PHYSICS		G <input type="checkbox"/>
ELECTRICITY		H <input type="checkbox"/>
GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS [ND403]		Y <input type="checkbox"/>
<input type="checkbox"/> show notes <input type="button" value="Expand groups"/>		Copy to searchform: <input type="text"/>

Our search results: relevant ECLA classes

View Section Find classification(s) for keywords Find description for a symbol
 Index [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [Y](#)
(bus* or coach*) air

<input type="checkbox"/>	Heating, cooling or ventilating devices (heating, cooling or ventilating devices providing other air treatment, the other treatment being relevant,	B60H1	<input type="checkbox"/>
<input type="checkbox"/>	Details of control systems for road vehicle drive control not related to the control of a particular sub-unit [N0506] [N: WARNING New subgroups of IPC8 are not yet complete. Documents from	B60W30	<input type="checkbox"/>
<input type="checkbox"/>	Rooms units, e.g. receiving primary air from a central station [N: or with supply of heating or cooling agents from a central station, such as those applied to air-treatment systems include....	F24F1	<input type="checkbox"/>
<input type="checkbox"/>	Arrangement or disposition of parts; Details or accessories not otherwise provided for; Use of control gear and control systems	B61C17	<input type="checkbox"/>
<input type="checkbox"/>	Heating, cooling, ventilating, or air-conditioning [N: (heating, cooling or ventilating devices for vehicles in general B60H1/00; devices....	B61D27	<input type="checkbox"/>
<input type="checkbox"/>	Administration, e.g. office automation, reservation; Management, e.g. resource or project management [N0506]	G06Q10	<input type="checkbox"/>
<input type="checkbox"/>	Data switching networks (interconnection of, or transfer of information or other signals between, memories, input/output devices or central processing units	H04L12	<input type="checkbox"/>
<input type="checkbox"/>	Testing of vehicles (G01M15/00 takes precedence; testing fluid tightness G01M3/00;	G01M17	<input type="checkbox"/>
<input type="checkbox"/>	Alarms responsive to a single specified undesired or abnormal operating condition and not elsewhere provided for [N: (alarms on gas pipes F17....	G08B21	<input type="checkbox"/>
<input type="checkbox"/>	Line transmission systems (combined with near-field transmission systems H04B5/00; constructional features of cables	H04B3	<input type="checkbox"/>

Copy to searchform:

Detailed view of a technology class

Previous page: [B60H](#) Next page: [B60H3/00](#)

PERFORMING OPERATIONS; TRANSPORTING	B <input type="checkbox"/>
VEHICLES IN GENERAL	B60 <input type="checkbox"/>
ARRANGEMENTS OR ADAPTATIONS OF HEATING, COOLING, VENTILATING, OR OTHER AIR-TREATING DEVICES SPECIALLY FOR PASSENGER OR GOODS SPACES OF VEHICLES	B60H <input type="checkbox"/>
Heating, cooling or ventilating devices (heating, cooling or ventilating devices providing other air treatment, the other treatment being relevant, B60H3/00 ; ventilating solely by opening windows, doors, roof parts, or the like B60J ; vehicle window or windscreen cleaners using air, e.g. defrosters, B60S1/54)	B60H1 <input type="checkbox"/>
	B60H1/00 <input type="checkbox"/>

show notes

 Copy to searchform:

[N: Combined heating, ventilating, or cooling devices (control systems or mechanisms B60H1/00Y)]	B60H1/00A <input type="checkbox"/>
[N: for load cargos on load transporting vehicles]	B60H1/00A1 <input type="checkbox"/>
[N: disposed in front of the passenger compartment]	B60H1/00A2 <input type="checkbox"/>
[N: Constructional lay-out of the devices in the vehicle] [N9804]	B60H1/00A2A <input type="checkbox"/>
[N: for sending an air stream of uniform temperature into the passenger compartment] [N9804]	B60H1/00A2B <input type="checkbox"/>
[N: the air passing only one heat exchanger] [N9804]	B60H1/00A2B1 <input type="checkbox"/>
[N: the air being firstly cooled and subsequently heated or vice-versa] [N9804]	B60H1/00A2B2 <input type="checkbox"/>
[N: the air being heated and cooled simultaneously, e.g. using parallel heat exchangers] [N9804]	B60H1/00A2B3 <input type="checkbox"/>
[N: for sending air streams of different temperatures into the passenger compartment] [N9804]	B60H1/00A2C <input type="checkbox"/>
[N: the air passing only one heat exchanger] [N9804]	B60H1/00A2C1 <input type="checkbox"/>
[N: the devices being independent of the vehicle]	B60H1/00B <input type="checkbox"/>
[N: Non-transportable devices, disposed outside the vehicle, e.g. on a parking]	B60H1/00B1 <input type="checkbox"/>
[N: Transportable devices]	B60H1/00B2 <input checked="" type="checkbox"/>

Searching for patents in the relevant classes

View Section Index A B C D E F G H Y	Find classification(s) for keywords <input type="text" value="ach*) air condition*"/> <input type="button" value="Go"/>	Find description for a symbol <input type="text"/> <input type="button" value="Go"/>
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Previous page: [B60H](#) Next page: [B60H3/00](#)

PERFORMING OPERATIONS; TRANSPORTING	B	<input type="checkbox"/>
VEHICLES IN GENERAL	B60	<input type="checkbox"/>
ARRANGEMENTS OR ADAPTATIONS OF HEATING, COOLING, VENTILATING, OR OTHER AIR-TREATING DEVICES SPECIALLY FOR PASSENGER OR GOODS SPACES OF VEHICLES	B60H	<input type="checkbox"/>
Heating, cooling or ventilating devices (heating, cooling or ventilating devices providing other air treatment, the other treatment being relevant, B60H3/00 ; ventilating solely by opening windows, doors, roof parts, or the like B60J ; vehicle window or windscreen cleaners using air, e.g. defrosters, B60S1/54)	B60H1	<input type="checkbox"/>
	B60H1/00	<input type="checkbox"/>
<input type="checkbox"/> show notes <input type="button" value="Expand groups"/> Copy to searchform: <input type="text" value="B60H1/00B2"/> <input type="button" value="Copy"/> <input type="button" value="Clear"/>		
[N: the devices being independent of the vehicle]	B60H1/00B	<input type="checkbox"/>
[N: Non-transportable devices, disposed outside the vehicle, e.g. on a parking]	B60H1/00B1	<input type="checkbox"/>
[N: Transportable devices]	B60H1/00B2	<input checked="" type="checkbox"/>



Adding further criteria to your search

Select patent database:

2. Search terms

Enter keywords in English

Keyword(s) in title:	<input type="text"/>	plastic and bicycle
Keyword(s) in title or abstract:	<input type="text"/>	hair
Publication number:	<input type="text"/>	WO03075629
Application number:	<input type="text"/>	DE19971031696
Priority number:	<input type="text"/>	WO1995US15925
Publication date:	<input type="text"/>	yyyymmdd
Applicant(s):	<input type="text"/>	Institut Pasteur
Inventor(s):	<input type="text"/>	Smith
European Classification (ECLA):	<input type="text" value="B60H1/00B2"/>	F03G7/10
International Patent Classification (IPC):	<input type="text"/>	H03M1/12

← Only applications published in a certain year?

← Only applications by certain inventors?

European Classification (ECLA):

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RESULT LIST

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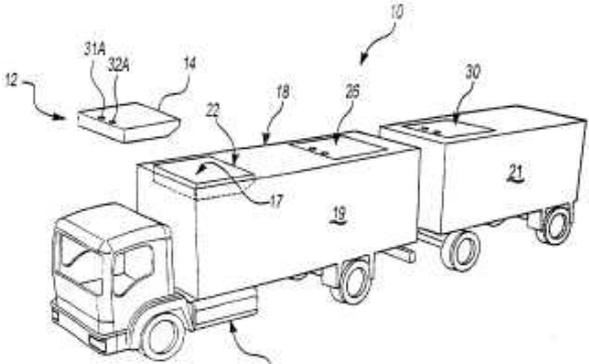
B60H1/00B2 as the European Classification

(Results are sorted by date of upload in database)

The result is not what you expected? Get [assistance](#) ↗

1	Vorrichtung zum Warmhalten von Speisen in Kraftfahrzeugen	in my patents list <input type="checkbox"/>
	Inventor: EC: B60H1/00B2; B60H1/22A3 Publication info: DE202008002890 (U1) — 2008-05-15	Applicant: JAKUBITZ LUTZ WOLFGANG [DE] IPC: B60H1/22; A47B31/02; B60P3/025; (+5)
2	Refrigeration Apparatus and Vehicle Incorporating the Same	in my patents list <input type="checkbox"/>
	Inventor: JACKSON PETER MAITLAND [GB] EC: B60H1/00B2; B60H1/32S; (+3) Publication info: GB2442739 (A) — 2008-04-16	Applicant: L E JACKSON [GB] IPC: B60H1/32; F25D3/06; B60H1/32; (+1)
3	AIR-CONDITIONING SYSTEM FOR STANDSTILL AIR-CONDITIONING OF A MOTOR VEHICLE	in my patents list <input type="checkbox"/>
	Inventor: PFALZGRAF MANFRED [DE]; BEDENBECKER MARKUS [DE] (+2) EC: B60H1/00H4; B60H1/00B2 Publication info: WO2008037242 (A1) — 2008-04-03	Applicant: WEBASTO AG [DE]; PFALZGRAF MANFRED [DE] (+3) IPC: B60H1/00; B60H1/00
4	COMPOSITIONS AND METHODS FOR ELIMINATING AND PREVENTING VEHICLE ODOORS	in my patents list <input type="checkbox"/>

Self-contained refrigeration unit

Bibliographic data	Description	Claims	Mosaics	Original document	INPADOC legal status
<p>Publication number: EP1308330 (A1)</p> <p>Publication date: 2003-05-07</p> <p>Inventor(s): MATONOG PHILIPPE [FR]; PETIT XAVIER [US]</p> <p>Applicant(s): CARRIER CORP [US]</p> <p>Classification:</p> <p>- international: <i>B60H1/00; B60H1/32; B60P3/20; F25D19/00; B60H1/00; B60H1/32; B60P3/20; F25D19/00; (IPC1-7): B60H1/32</i></p> <p>- European: B60H1/00B2; B60H1/00H1; B60H1/32C11; B60P3/20</p> <p>Application number: EP20020257383 20021024</p> <p>Priority number(s): US20010021573 20011030</p> <p>View INPADOC patent family</p> <p>View list of citing documents</p> <p>View document in the European Register </p>	<p>Also published as:</p> <ul style="list-style-type: none">  EP1308330 (B1)  US2004187507 (A1)  US2003079487 (A1)  ES2256417 (T3)  DE60208762 (T2) <p>more >></p> <p>Cited documents:</p> <ul style="list-style-type: none">  WO0065288 (A1)  US6279334 (B1)  US2766439 (A)  US5438842 (A)  DE19641642 (A1) <p>Report a data error here</p>				
<p>Abstract of EP 1308330 (A1)</p> <p>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.</p>					

View list of citing documents

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

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Last result list

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Classification Search

Get assistance ↗

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 Very influential!
1 2 3 4 5 next

LIST OF CITING DOCUMENTS

Approximately 121 document citing EP0200362 Back to EP0200362

1	<p>Isothermal strand displacement nucleic acid amplification in my patents list <input type="checkbox"/></p> <p>Inventor: DATTAGUPTA NANIBHUSHAN (US); STULL PAUL DOUGLAS (US); (+2) EC:</p> <p>Applicant: GEN PROBE INC (US) IPC: C12P19/34; C07H21/02; C07H21/04 (+4)</p> <p>Publication info: USRE39007E - 2006-03-07</p>
2	<p>Isothermal strand displacement nucleic acid amplification in my patents list <input type="checkbox"/></p> <p>Inventor: DATTAGUPTA NANIBHUSHAN (US); STULL PAUL DOUGLAS (US); (+2) EC:</p> <p>Applicant: GEN PROBE INC (US) IPC: C12P19/34; C07H21/02; C07H21/04 (+6)</p> <p>Publication info: USRE38960E - 2006-01-31</p>
3	<p>AUTOMATABLE QUICK TEST FOR DIRECT DETECTION OF APC RESISTANCE MUTATION WITH SPECIFIC PRIMERS AND ASSAY in my patents list <input type="checkbox"/></p> <p>Inventor: SPRINGER WOLFGANG (DE) EC: C12Q1/68D2G; C12Q1/68M6</p> <p>Applicant: BAYER AG (DE); SPRINGER WOLFGANG (DE) IPC: C12Q1/68; C12Q1/68; (IPC1-7): C12Q1/68</p> <p>Publication info: WO0024928 - 2000-05-04</p>
4	<p>NOVEL PRIMER AND USE THEREOF in my patents list <input type="checkbox"/></p> <p>Inventor: IMAMURA MIO (JP); ITAGAKI YASUHARU (JP); (+1) EC: C07K14/47A21; C07K14/47A28; (+1)</p> <p>Applicant: SNOW BRAND MILK PROD CO LTD (JP); IMAMURA MIO (JP); (+2) IPC: C12N15/09; C07K14/47; C12Q1/68 (+5)</p> <p>Publication info: WO9913065 - 1999-03-18</p>
5	<p>Proteins with urease activity in my patents list <input type="checkbox"/></p> <p>Inventor: LABIGNE AGNES (FR) EC: C07K16/40; C12N9/80; (+1)</p> <p>Applicant: INST PASTEUR AND I NAT DE LE S (FR) IPC: A61P31/04; C07K16/40; C12N9/80 (+12)</p> <p>Publication info: US6146634 - 2000-11-14</p>
6	<p>Quantitative PCR using blocking oligonucleotides in my patents list <input type="checkbox"/></p>

View or print original document

Self-contained refrigeration unit

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

1 / 11 46,2% Suchen








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(12) **EUROPEAN PATENT APPLICATION**

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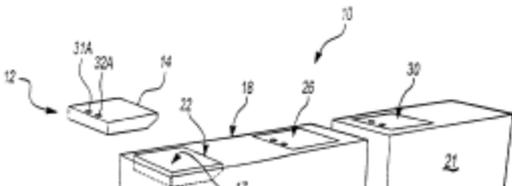
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(84) Designated Contracting States: AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR Designated Extension States: AL LT LV MK RO SI	(72) Inventors: • Matonog, Philippe 69370 St. Didier au Mont D'Or (FR) • Petit, Xavier Baldwinsville, New York 13027 (US)
(30) Priority: 30.10.2001 US 21573	(74) Representative: Leckey, David H. Frank B. Dehn & Co., 179 Queen Victoria Street London E4V 4EL (GB)

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

(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

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Self-contained refrigeration unit

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Description

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Description of EP 1308330 (A1)

BACKGROUND OF THE INVENTION

[0001] This application discloses and claims a self-contained refrigeration unit that is designed to be installed in suitable receiving recesses in a truck or trailer refrigeration body. The refrigeration unit can be mounted entirely within a removable casing such that only electrical connections need be removed or attached to replace the unit, or in one embodiment some minor refrigerant connections may also need to be completed.

[0002] So-called refrigeration trucks have a trailer or compartments that are cooled or refrigerated to preserve cargo, such as food stuffs. Typically, the various components of a refrigerant cycle are mounted into the truck separately and apart from each other. As a consequence of this configuration, a significant amount of tubing and electrical wiring is used to

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Legal status (INPADOC) of **EP1696031**

EP F	06001908 A	(Patent of invention)
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EFFECTIVE DATE:	20060217	
PRS Date :	2006/08/30	
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CC OF CORRESP. PAT.:	EP	
CORRESP. PATENT D.:	1024191	
KD OF CORRESP. PAT.:	P	

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Applicant(s): For all designated states
 CARRIER CORPORATION
 Carrier Parkway P.O. Box 4800
 Syracuse, New York 13221 / US
 [2006/03]

Inventor(s):

01 / Matonog, Philippe
 4, route de St. Fortunat
 69370 St. Didier au Mont D'Or / FR

02 / Petit, Xavier
 229 Vilalge Boulevard South
 Baldwinsville, New York 13027 / US
 [2003/19]

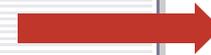
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