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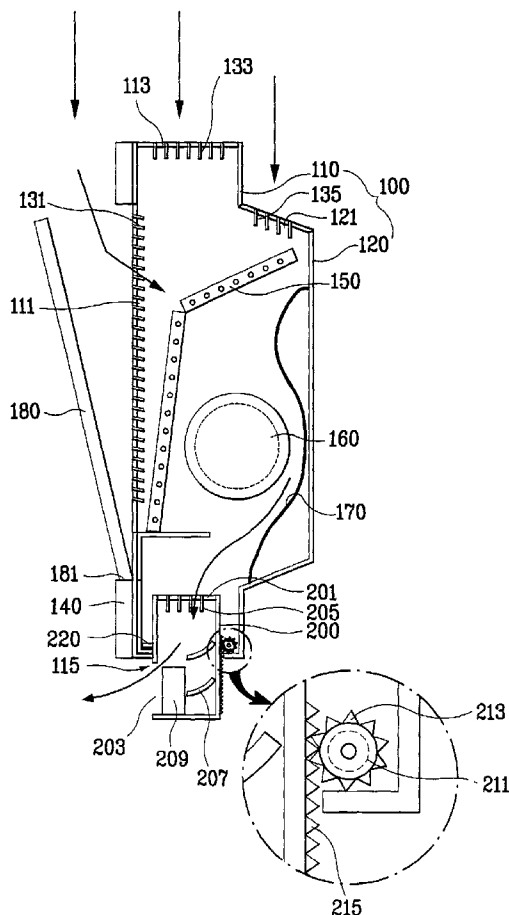
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[Continued on next page]

(54) Title: AIR CONDITIONER



(57) Abstract: Indoor unit of air conditioner including a main chassis (100) which forms an outer shape, heat exchanger (150) in the main chassis, for heat exchange of room air with a working fluid, a blower (160) in the main chassis for forced circulation of room air toward the heat exchanger, and a control box (300) in the main chassis to be drawably out of the main chassis having various electric fittings therein.



Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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6 March 2008

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR 2002/001151

CLASSIFICATION OF SUBJECT MATTER

IPC⁸: **F24F 13/20** (2006.01); **F24F 1/00** (2006.01)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC⁸: F24F 13/20; F24F 1/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EpoDoc; WPI; PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 07 019517 A (MATSUSHITA) 20 January 1995 (20.01.1995) <i>abstract, fig. 1,2.</i>	1-4, 19-27
A		5-8
X	JP 10 132326 A (SANYO) 22 May 1998 (22.05.1998) <i>abstract, fig. 4.</i>	1-4, 19-27
A		5-8
A	JP 10 026363 A (FUJITSU) 27 January 1998 (27.01.1998) <i>the whole document.</i>	1-8, 19-27

☐ 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 application or patent 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

„&“ document member of the same patent family

Date of the actual completion of the international search

13 December 2007 (13.12.2007)

Date of mailing of the international search report

14 January 2008 (14.01.2008)

Name and mailing address of the ISA/AT

Austrian Patent Office

Dresdner Straße 87, A-1200 Vienna

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Authorized officer

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Telephone No. 1/53424/372

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/KR 2002/001151**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

Group 1: Claims 1 - 8; 19 - 27

describe an electrical control box inside an air-conditioning unit.

Group 2: Claims 9 - 18

describe a discharge housing of an air conditioning unit.

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
1 - 8; 19 - 27

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2002/001151

Patent document cited in search report			Publication date		Patent family member(s)		Publication date	
JP	A	07019517			none			
JP	A	10132326			JP	A	10132326	1998-05-22
JP	A	10026363			JP	A	10026363	1998-01-27