

Title (en)
Heating/cooling system used in air conditioner

Title (de)
Heiz- und/oder Kühlanordnung für Klimageräte

Title (fr)
Système de chauffage et/ou de refroidissement utilisé dans un appareil de conditionnement d'air

Publication
EP 1371920 A3 20050525 (EN)

Application
EP 03251159 A 20030226

Priority
KR 20020032916 A 20020612

Abstract (en)
[origin: EP1371920A2] A cooling/heating system used in an air conditioner comprises a silencer (30) comprising at least one body (31) coupled in series to a refrigerant pipe which is coupled to an expansion device (21) of an indoor unit (20), and a spatial comparting member (32) provided in such a way that an inner space of the body (31) is comparted across a flowing direction of a refrigerant, the spatial comparting member (32) being perforated with a refrigerant passing hole (32c), through which the refrigerant flows. The silencer (30) further comprises a screen (33) formed of a mesh type, and positioned in an inside of the body (31) such that the refrigerant flows through the screen (33). <IMAGE>

IPC 1-7
F25B 13/00; **F25B 41/00**

IPC 8 full level
F24F 11/00 (2006.01); **F25B 13/00** (2006.01); **F25B 41/00** (2006.01)

CPC (source: EP KR)
F24F 1/00 (2013.01 - KR); **F25B 13/00** (2013.01 - EP); **F25B 41/00** (2013.01 - EP); **F25B 2500/01** (2013.01 - EP); **F25B 2500/12** (2013.01 - EP)

Citation (search report)

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- [X] US 6148631 A 20001121 - WATANABE MASAHITO [JP], et al
- [A] DE 9203857 U1 19920514
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 479 (M - 1471) 31 August 1993 (1993-08-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 08 5 August 2002 (2002-08-05)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)
EP 1371920 A2 20031217; **EP 1371920 A3 20050525**; CN 1223810 C 20051019; CN 1467449 A 20040114; JP 2004020182 A 20040122; KR 100474909 B1 20050308; KR 20030095627 A 20031224

DOCDB simple family (application)
EP 03251159 A 20030226; CN 03104448 A 20030214; JP 2003004267 A 20030110; KR 20020032916 A 20020612