

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

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

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

Publication
EP 1371919 A3 20050525 (EN)

Application
EP 03004169 A 20030226

Priority
KR 20020032915 A 20020612

Abstract (en)
[origin: EP1371919A2] A cooling/heating system used in an air conditioner is disclosed. The cooling/heating system comprises at least one silencer (30) coupled in series to a refrigerant pipe which is coupled to an expansion device (21) of an indoor unit (20), for eliminating a local pressure difference of a refrigerant flowing therein and for making a mixed state of gas and liquid uniform. The silencer (30) comprises a body direct coupled to the refrigerant pipe for making the refrigerant flow through therein, and a porous tube provided in the body, with a buffer space being formed between an outer periphery thereof and an inner periphery of the body, the porous tube having a plurality of passing holes for communicating an interior thereof with the buffer space. <IMAGE>

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

IPC 8 full level
F24F 1/00 (2011.01); **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)

- [X] DE 29817924 U1 19990107 - VICKERS AEROQUIP INT GMBH [DE]
- [X] US 5906225 A 19990525 - STARK TERRENCE LEE [US], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 017, no. 479 (M - 1471) 31 August 1993 (1993-08-31)
- [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 09 30 September 1997 (1997-09-30)

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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 1371919 A2 20031217; **EP 1371919 A3 20050525**; **EP 1371919 B1 20090715**; CN 1253678 C 20060426; CN 1467440 A 20040114; DE 60328336 D1 20090827; JP 2004020181 A 20040122; KR 100474908 B1 20050308; KR 20030095626 A 20031224

DOCDB simple family (application)
EP 03004169 A 20030226; CN 03106758 A 20030228; DE 60328336 T 20030226; JP 2003001814 A 20030108; KR 20020032915 A 20020612