

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>

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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [X] DE 29817924 U1 19990107 - VICKERS AEROQUIP INT GMBH [DE]
- [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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