

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 A2 20031217 (EN)

Application

EP 03004169 A 20030226

Priority

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Abstract (en)

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>

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IPC 8 full level

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CPC (source: EP KR)

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Cited by

DE102013015072A1; EP3992541A4; CN114623589A; CN112179007A; DE102008033806A1; US11536501B2; WO2020055626A1; DE102018110370B4; EP3850281B1

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