

Title (en)
Accumulator of air conditioner

Title (de)
Akkumulator für eine Klimaanlage

Title (fr)
Accumulateur de climatiseur

Publication
EP 1890096 A2 20080220 (EN)

Application
EP 07016164 A 20070817

Priority
KR 20060078186 A 20060818

Abstract (en)
The present invention provides an accumulator of an air conditioner, in which a coolant outlet pipe is a dual pipe (36) with an internal pipe (36b) and an external pipe (36a), a return cap (56) is combined to the lower end of the dual pipe (36), and a gas coolant flows from the upper portion inside a tank (20) through a gas coolant inlet between the internal pipe and the external pipe, turns into the internal pipe at the return cap (56), and then continues flowing through the gas coolant outlet to an outer pipe. Therefore, the accumulator can be manufactured from a small tank, so that it can be easily mounted in a small space with high liquid-vapor separating performance and pressure resistance.

IPC 8 full level
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CPC (source: EP KR US)
F25B 43/00 (2013.01 - KR); **F25B 43/006** (2013.01 - EP US); **F25B 2400/03** (2013.01 - EP US)

Citation (applicant)

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EP 07016164 A 20070817; KR 20060078186 A 20060818; US 201113035764 A 20110225; US 88952307 A 20070814