

Title (en)

Heat exchanger for air conditioner having different circuit pattern depending on distance from fan

Title (de)

Wärmeübertrager für eine Klimaanlage mit verschiedenen vom Gebläseabstand abhängigen Schaltkreisen

Title (fr)

Echangeur de chaleur pour dispositif de conditionnement d'air avec différents circuits selon leurs distance au ventilateur

Publication

EP 1757869 A3 20071226 (EN)

Application

EP 06017726 A 20060825

Priority

KR 20050078570 A 20050826

Abstract (en)

[origin: EP1757869A2] Disclosed is a heat exchanger for an air conditioner. The heat exchanger of the invention comprises a plurality of circuits. The circuits are formed into different patterns to have path lengths different from each other, and have a shorter path length as the circuits are closer to a fan generating an air flow. According to the heat exchanger, the areas of heat contact of the circuits are different correspondingly to the differences of the flow rate and velocity of the air depending on the distances from the fan, so that the efficiency of the air conditioner can be improved.

IPC 8 full level

F24F 1/0063 (2019.01); **F24F 13/30** (2006.01); **F28B 1/06** (2006.01); **F28F 9/26** (2006.01)

CPC (source: EP KR US)

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Citation (search report)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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