

Title (en)

PLATE-SHAPED HEAT EXCHANGER FOR A COOLING DEVICE COMPRISING AT LEAST ONE HEAT EXCHANGER PACKAGE

Title (de)

PLATTENFÖRMIGER WÄRMEÜBERTRAGER FÜR EINE, MINDESTENS EIN WÄRMEÜBERTRAGERPAKET AUFWEISENDE KÜHLEINRICHTUNG

Title (fr)

ECHANGEUR DE CHALEUR EN FORME DE PLAQUE POUR UN DISPOSITIF DE REFROIDISSEMENT COMPRENANT AU MOINS UN PAQUET D'ÉCHANGEURS DE CHALEUR

Publication

EP 2601474 A2 20130612 (DE)

Application

EP 11741208 A 20110804

Priority

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- EP 2011063469 W 20110804

Abstract (en)

[origin: WO2012017044A2] The invention relates to a plate-shaped heat exchanger for a cooling device comprising at least one heat exchanger package, in particular for a motor vehicle, consisting of a plurality of openings (7) for accommodating a pipe conducting a coolant, wherein each opening (7) is surrounded by an passage (4) and a plurality of projections (10, 11, 15, 16) are distributed between the passages (4) for the heat exchange with the medium to be cooled. In order to allow a high performance increase of a cooling device, yet a low increase in pressure loss of the charge air, a plurality of projections (10, 11, 15, 16) are arranged around an passage (4), wherein the projections (10, 11, 15, 16) have a shape that assures deliberate heat conduction from the projections (10, 11, 15, 16) to the passage (4).

IPC 8 full level

F28F 1/32 (2006.01)

CPC (source: EP KR US)

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Citation (search report)

See references of WO 2012017044A2

Designated contracting state (EPC)

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