

Title (en)

HEAT EXCHANGER, PARTICULARLY A CHARGE-AIR COOLER FOR MOTOR VEHICLES

Title (de)

WÄRMEÜBERTRAGER, INSBESONDERE LADELÜFTKÜHLER FÜR KRAFTFAHRZEUGE

Title (fr)

ECHANGEUR DE CHALEUR, NOTAMMENT REFROIDISSEUR D'AIR DE SURLALIMENTATION POUR AUTOMOBILES

Publication

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Application

EP 05772434 A 20050628

Priority

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Abstract (en)

[origin: WO2006000451A1] The invention relates to a heat exchanger, particularly a charge-air cooler for motor vehicles, comprised of a heat exchanger block (1), which is formed by flat tubes (2) and corrugated fins (3), and of collecting receptacles that communicate with the flat tubes (2). The flat tubes (2) can be flowed through by a medium to be cooled, and the corrugated fins (3) can be flowed around by ambient air. The invention provides that the flat tubes (2) are arranged in a row and have a depth T, which is measured in the direction of air flow L and which ranges from 70 = T = 120 mm.

IPC 8 full level

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CPC (source: EP US)

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