

Title (en)

RADIATOR FOR A MOTOR VEHICLE HAVING AN INTERNAL COMBUSTION ENGINE

Title (de)

HEIZKÖRPER FÜR EIN KRAFTFAHRZEUG MIT EINER BRENNKRAFTMASCHINE

Title (fr)

RADIATEUR POUR UN VÉHICULE AUTOMOBILE AVEC UN MOTEUR À COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: WO2010130635A1] The invention relates to a radiator for a motor vehicle having an internal combustion engine, comprising a radiator block having at least four rows of flow channels (2a, 2b, 3a, 3b) for a coolant which can be withdrawn from the cooling circuit of the internal combustion engine, at least one coolant tank (4, 5) for the inflow and/or outflow, the distribution, collection and/or redirection of the coolant, wherein the at least one coolant tank (4, 5) is provided with longitudinal and/or transverse separating walls (4a, 4b, 4c, 5a) for redirecting the coolant in the depth and/or the width, and wherein air flows through the radiator block in the flow direction (L) and the coolant is conducted through the flow channels (2a, 2b, 3a, 3b) in a counter flow. According to the invention, the coolant is distributed on the inflow side among a number of flow channels (2a, 2b), which corresponds to the maximum number of flow channels of a row.

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