

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMEÜBERTRAGER

Title (fr)
ECHANGEUR THERMIQUE

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Application
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Abstract (en)
[origin: WO2004053411A1] The invention relates to a heat exchanger, especially a condenser or a gas cooler for air conditioning installations, especially for motor vehicles, said heat exchanger comprising at least two rows (2,3) of flow channels through which coolant can flow and which are received at the ends thereof by manifolds (5,6,7), and ribs which are arranged between the flow channels and over which air can flow. According to the invention, individual flow channels are arranged in a row, at least two rows (2,3) of flow channels (4) are divided into at least two blocks (1,11) in one plane, and each block is divided into at least two segments (1a, 1b; 11a,11b) of flow channels (4), perpendicularly to the planes of the heat exchanger. Said segments deviate perpendicularly to the planes (UT1, UT2), or in the plane (UB1, UB2), or deviate both in the plane and perpendicularly to the plane (UBT1, UBT2).

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