

Title (en)
HEAT EXCHANGER AND HEATING SYSTEM EQUIPPED THEREWITH

Title (de)
WÄRMETAUSCHER UND DAMIT AUSGERÜSTETES HEIZSYSTEM

Title (fr)
ECHANGEUR THERMIQUE ET SYSTEME DE CHAUFFAGE EQUIPE DE CET ECHANGEUR

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Application
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Abstract (en)
[origin: WO0221063A2] The invention relates to a heat exchanger (1) with a number of first ducts (2) for a first medium and a number of second ducts (4) for a second medium in heat-exchanging contact therewith via partition walls (5). The dimensions of the first ducts (2) in the flow direction of the first medium and perpendicularly thereof are herein chosen such that boundary layers (11) formed along the walls of the duct and developing in the flow direction meet each other in each case close to the downstream ends of the ducts (2). A very compact heat exchanger (1) is thus obtained.

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