

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR DE CHALEUR

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Application
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Abstract (en)
[origin: WO2005071344A1] The invention relates to a heat exchanger (1), in particular, a gas cooler for a vehicle air-conditioning unit, comprising several flat tubes (2) arranged in two or more parallel rows, a collector tube (6), with one or more longitudinal separating walls (12), running along the longitudinal axis of the collector tube (6), dividing the collector tube (6) into two or more collector channels, whereby the collector tube (6) is embodied from two metal sheets (8) and openings (4) are provided in at least one of the metal sheets (8), for accommodating the ends of the flat tubes (2). Each longitudinal separating wall (12) is provided with tongue-like projections (14), arranged in grooves (16) in at least one of the metal sheets (8) and fixed on the outer side of the metal sheet (8).

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