

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMETAUSCHER

Title (fr)  
ÉCHANGEUR DE CHALEUR

Publication  
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Application  
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Abstract (en)  
[origin: WO2008151680A1] The invention relates to a heat exchanger consisting of flat tubes (1) having wide and narrow sides, and of ribs (2) which form a block, and of at least one tube bottom (3)/collection box (4) with at least two unformed longitudinal edges (30, 40) opposite one another, characterized in that projections (41) are disposed at intervals at edges (40) of the collection box (4), in that the narrow sides of the flat tubes (1) lie against the longitudinal edges (30) of the tube bottom (3) or of the collection box and are connected. The projections (41) engage the longitudinal edges (30) and are located between the flat tubes (1). The invention also relates to a production method. Among other things, the invention leads to heat exchangers which are quite resistant to temperature change loads and which can be produced relatively inexpensively.

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