

Title (en)

STACKED-PLATE HEAT EXCHANGER, IN PARTICULAR CHARGE-AIR COOLER

Title (de)

STAPELSCHEIBEN-WÄRMEÜBERTRAGER, INSBESONDERE LADELUFTKÜHLER

Title (fr)

ÉCHANGEUR THERMIQUE À PLAQUES EMPILÉES, EN PARTICULIER REFROIDISSEUR D'AIR DE SURALIMENTATION

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Application

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Abstract (en)

[origin: WO2017025411A1] The invention relates to a stacked-plate heat exchanger (1), in particular a charge-air cooler. It is essential to the invention here - that a first and a second stacked-plate pack (4, 5) are provided with in each case a plurality of stacked plates (6) which are placed side by side and are connected to one another, in particular brazed, and a base plate (7), via which inflow and/or outflow of a coolant (8) take/takes place, - that the two stacked-plate packs (4, 5) are connected to one another and to a coolant inlet (10) and/or a coolant outlet (11) either indirectly via a distributor plate (9) which lies between the two base plates (7) or directly via the two base plates (7) which lie against one another, and - that a holder (12) is provided which holds the stacked-plate heat exchanger (1) exclusively on the distributor plate (9) or on the two base plates (7).

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