

Title (en)
STACKED-PLATE HEAT EXCHANGER

Title (de)
STAPELSCHEIBEN-WÄRMEÜBERTRAGER

Title (fr)
ÉCHANGEUR DE CHALEUR À PLAQUES EMPILÉES

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Application
EP 16700479 A 20160114

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Abstract (en)
[origin: WO2016116345A1] The invention relates to a stacked-plate heat exchanger (1), in particular an intercooler, comprising a high-temperature coolant circuit (HT) and a low-temperature coolant circuit (NT) and comprising heat-exchanger plates (2) stacked one on the other, through which two coolants (3, 4) having a different temperature level in the high-temperature coolant circuit (HT) and in the low-temperature coolant circuit (NT) flow on one side and a medium (5) to be cooled, in particular charge air, flows on the other side. Said heat-exchanger plates (2) comprise a separating wall (6) for separating the high temperature coolant circuit (HT) and the low temperature coolant circuit (NT), such that the high temperature coolant circuit (HT) comprises a HT coolant inlet (9) which is central and adjacent to the separating wall (6), and the low temperature coolant circuit (NT) comprises a NT-coolant outlet (10) which is also central and adjacent to the separating wall (6).

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