

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMEÜBERTRAGER

Title (fr)
ÉCHANGEUR DE CHALEUR

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Abstract (en)
[origin: WO2014131756A1] The invention relates to a heat exchanger (10) with mutually adjacent first flow channels (5, 6) and second flow channels (5, 6). The first flow channels (5, 6) and the second flow channels are received in a first manifold (27) at a first end region of the flow channel end regions and in a second manifold (33) at a second end region of the flow channel end regions. The first manifold (27) has a first base (15) and a first cover (16), and the second manifold (33) has a second base (15) and a second cover (30), said first base (15) and second base (15) having a plurality of openings (28) in which the end regions of the flow channels (5, 6) are received. The first manifold (27) has a first longitudinal channel (17) and a second longitudinal channel (18), wherein the first flow channels (5, 6) are in fluid communication with the first longitudinal channel (17), and the second flow channels (5, 6) are in fluid communication with the second longitudinal channel (18). The second manifold (33) has a second cover (30) which together with the second base (15) of the second manifold (33) forms transverse channels (34), and one first flow channel (5, 6) and one second flow channel (5, 6) are fluidically connected to each other via a respective transverse channel (34).

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