

Title (en)
A HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3872435 B1 20230823 (EN)

Application
EP 20461516 A 20200228

Priority
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Abstract (en)
[origin: EP3872435A1] A heat exchanger (1), in particular for a motor vehicle, comprising: a first manifold (2) comprising a first tank (2a) and a first header (2b), a second manifold (3), comprising a second tank (3a) and a second header (3b), a connection block (7) comprising an inlet R_{in} and an outlet R_{out} for a fluid, wherein the connection block (7) is fluidly connected with the first manifold (2), a plurality of tubes (4) forming at least one stack deployed between the first manifold (2) and the second manifold (3), the tubes (4) comprising open ends received in the manifolds (2, 3), wherein the first manifold (2) and the second manifold (3) are fluidly connected with each other forming a primary pass (10) and a secondary pass (20) for a fluid, characterised in that the primary pass (10) is defined by at least two tubes (4) located on the terminal ends of the stack and the secondary pass (20) is located between the tubes (4) forming the primary pass (10).

IPC 8 full level
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CPC (source: EP)
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Cited by
EP4382843A1; EP4382846A1; EP4194787A1

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