

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3572753 B1 20201216 (EN)

Application
EP 18461559 A 20180524

Priority
EP 18461559 A 20180524

Abstract (en)
[origin: EP3572753A1] A heat exchanger (1) comprises a core (2) defining first and second fluid circuits. The first fluid circuit includes one flow section (C) and the second fluid circuit is divided into three flow sections (R1, R2, R3). The flow sections are defined by a plurality of flow passages (5). A direction of flow in the first and third flow sections (R1, R3) is opposite to a direction of flow in the one flow section (C) of the first fluid circuit and a direction of flow in the second flow section (R2) is the same as the direction of flow in the one flow section (C) of the first fluid circuit. A number NR3 of the flow passages (5) of the third flow section (R3) is greater than a number NR2 of the flow passages (5) of the second flow section (R2) and the number NR3 of the flow passages (5) of the third flow section (R3) is smaller than or equal to a number NR1 of the flow passages (5) in the first flow section (R1).

IPC 8 full level
F28D 9/00 (2006.01)

CPC (source: EP)
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Designated contracting state (EPC)
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