

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ECHANGEUR THERMIQUE

Publication
EP 2402701 A4 20130116 (EN)

Application
EP 10745943 A 20100222

Priority
• JP 2010001125 W 20100222
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Abstract (en)
[origin: US2011220336A1] A heat exchanger 10 includes a first block and a second block. The first block includes a first tank T1 having a refrigerant inlet through which the refrigerant flows in, a plurality of first tubes 21 into which the refrigerant having flowed into the first tank T1 is distributed and flows therein, and a second tank T2 in which the refrigerant flowing in the first tubes 21 merges. The second block includes a third tank T3 into which the refrigerant having merged in the second tank T2 flows therein, a plurality of second tubes 22 into which the refrigerant having flowed into the third tank T3 is distributed and flows, and a fourth tank T4 in which the refrigerant flowing in the second tube merges, and having a refrigerant outlet through which the merged refrigerant flows out. A refrigerant passage 43h through which the refrigerant flows from the second tank T2 into the third tank T3 is locally placed on the opposite side of the refrigerant inlet.

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Citation (search report)
• [X] JP H0626780 A 19940204 - NIPPON DENSO CO
• [X] US 2005247443 A1 20051110 - KIM JAE H [KR]
• [A] EP 1065453 A2 20010103 - DENSO CORP [JP]
• See references of WO 2010098056A1

Cited by
CN108253665A; US11268767B2; WO2019219076A1; EP3745069A4

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