

Title (en)  
HEAT EXCHANGER FOR A REFRIGERANT FLUID CIRCULATION CIRCUIT

Title (de)  
WÄRMETAUSCHER FÜR EINEN KÜHLFLÜSSIGKEITSSTRÖMUNGSKREIS

Title (fr)  
ÉCHANGEUR DE CHALEUR POUR CIRCUIT DE CIRCULATION DE FLUIDE FRIGORIGÈNE

Publication  
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Application  
**EP 18179300 A 20180622**

Priority  
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Abstract (en)  
The invention relates to a heat exchanger (1) comprising a core and at least one header box (3) that extends mainly in a longitudinal direction (A1), said core comprising at least four passes (25) distributed in two rows (11, 12), with two first inlet-passes (25) being part of a first row (11) of the heat exchanger (1) and two last outlet-passes (25) being part of a second row (12) of the heat exchanger (1). Each pass (25) has a respective length (L) measured along the longitudinal direction (A1), wherein the sum of the length (L) of the two first inlet-passes (L) is equal +/-10% to the sum of the length (L) of the two last outlet-passes (L), and the length (L) of the first inlet-pass (L) is bigger than the length (L) of the last outlet-pass (25).

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Citation (applicant)  
US 2005050915 A1 20050310 - INABA HIROYUKI [JP], et al

Citation (search report)  
• [X] EP 1058080 A1 20001206 - MITSUBISHI HEAVY IND LTD [JP]  
• [A] EP 3138709 A1 20170308 - VOLVO CAR CORP [SE]  
• [A] WO 2013162222 A1 20131031 - LG ELECTRONICS INC [KR]  
• [A] US 2018029446 A1 20180201 - JEON YOUNG-HA [KR], et al

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