

Title (en)
HEAT EXCHANGER WITH FILTER, FOR REFRIGERANT FLUID LOOP

Title (de)
WÄRMETAUSCHER MIT FILTER FÜR KÜHLMITTELFLÜSSIGKEITSKREISLAUF

Title (fr)
ÉCHANGEUR DE CHALEUR AVEC FILTRE, POUR BOUCLE DE FLUIDE RÉFRIGÉRANT

Publication
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Application
EP 18461643 A 20181217

Priority
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Abstract (en)
The invention relates to a heat exchanger for a refrigerant fluid loop, the heat exchanger comprising at least one inlet configured to allow a refrigerant fluid to enter in the heat exchanger and at least one outlet (122) configured to allow the refrigerant fluid to exit the heat exchanger, the heat exchanger comprising at least one manifold (123) arranged at an end of a heat exchange area (125) of the heat exchanger, at least the outlet (122) being arranged in the at least one manifold (123), the manifold (123) extending mainly along a first axis (A1) between a first end and a second end, characterized in that the heat exchanger (120) comprises at least one filtering baffle (200) adapted to filter at least part of the refrigerant fluid, in that the filtering baffle (200) is arranged in the manifold (123) of the heat exchanger and in that the filtering baffle (200) is arranged closer to the outlet (122) than to the first end or the second end of the manifold (123).

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Citation (search report)
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• [X] JP H02267478 A 19901101 - HITACHI LTD
• [Y] US 6694773 B1 20040224 - SNOW JAMES D [US], et al

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