

Title (en)
HEAT EXCHANGER AND REFRIGERATION CYCLE DEVICE

Title (de)
WÄRMETAUSCHER UND KÄLTEKREISLAUFVORRICHTUNG

Title (fr)
ÉCHANGEUR DE CHALEUR ET DISPOSITIF À CYCLE DE RÉFRIGÉRATION

Publication
EP 4300023 A4 20240417 (EN)

Application
EP 21927923 A 20210226

Priority
JP 2021007502 W 20210226

Abstract (en)
[origin: TW202234010A] A heat exchanger (100) of the present invention includes a first header (11) and a second header (12), and a plurality of heat transfer members (1) having one end in a second direction (Z) connected to a first header and the other end in the second direction connected to a second header. Each of the plurality of heat transfer members is configured so as to perform heat exchange between a first heat exchange medium flowing in an internal space in the second direction and a second heat exchange medium flowing in a third direction (Y) in an outer space of each of the plurality of heat transfer members. A heat exchanger further includes a plurality of heat transfer promoting members (2) extending along the third direction (Y) in the outer space arranged in the central portion between two heat transfer members adjacent to each other in a first direction (X) among the plurality of heat transfer members and.

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Citation (search report)

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- [A] DE 4120442 A1 19921224 - THERMAL WAERME KAELE KLIMA [DE]
- [A] GB 457000 A 19361119 - FREDERIC RANDLE
- See also references of WO 2022180823A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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KH MA MD TN

DOCDB simple family (publication)
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