

Title (en)  
HEAT EXCHANGER AND REFRIGERATION CYCLE APPARATUS EQUIPPED WITH SAME

Title (de)  
WÄRMETAUSCHER UND KÄLTEKREISLAUFVORRICHTUNG DAMIT

Title (fr)  
ÉCHANGEUR DE CHALEUR ET APPAREIL À CYCLE DE RÉFRIGÉRATION ÉQUIPÉ DE CELUI-CI

Publication  
**EP 4290170 A4 20240306 (EN)**

Application  
**EP 21924628 A 20210204**

Priority  
JP 2021004112 W 20210204

Abstract (en)  
[origin: WO2022168232A1] A flattened heat exchanger tube (21) in an outdoor heat exchanger (11) is equipped with a body part (23) and a connection part (25). The flattened heat exchanger tube (21) has a plurality of flow paths (27) spaced from each other. The flattened heat exchanger tube (21) has a first side (29a) and a second side (29b) separated by a width. The connection part (25) connected to the opening (33) of a header (31) has an opening end face (26) in which the plurality of flow paths (27) are open. At the connection part (25), the first side (29a) is formed in a tapered shape in such a manner that the width is reduced with approach towards the opening end face (26). The first opening end (28a) of a first flow path (27a) closest to the first side (29a) has a second flow path cross-sectional area (S2) that is smaller than the first flow path cross-sectional area (S1) of the opening end (28) of another flow path (27).

IPC 8 full level  
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Citation (search report)  
No further relevant documents disclosed

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BA ME

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