

Title (en)
HEAT EXCHANGER AND OUTDOOR UNIT

Title (de)
WÄRMETAUSCHER UND AUSSENEINHEIT

Title (fr)
ÉCHANGEUR DE CHALEUR ET UNITÉ EXTÉRIEURE

Publication
EP 4354069 A1 20240417 (EN)

Application
EP 21944969 A 20210607

Priority
JP 2021021489 W 20210607

Abstract (en)
A heat exchanger includes: a first heat transfer tube that has a flow passage through which refrigerant flows, the flow passage being located in the first heat transfer tube; a second heat transfer tube that has a flow passage through which refrigerant flows, the flow passage being located in the second heat transfer tube; and a header connected to an end of the first heat transfer tube in a tube axial direction and an end of the second heat transfer tube in the tube axial direction. The header includes a main body that allows refrigerant to flow between the first heat transfer tube and a refrigerant pipe through which refrigerant flows and between the second heat transfer tube and the refrigerant pipe, and an insertion portion shaped in a plate and that has a first opening. The first heat transfer tube and the second heat transfer tube are inserted in the first opening.

IPC 8 full level
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CPC (source: EP)
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Citation (search report)
See references of WO 2022259288A1

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Designated extension state (EPC)
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KH MA MD TN

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