

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 4242569 A4 20240228 (EN)

Application
EP 20960833 A 20201106

Priority
JP 2020041582 W 20201106

Abstract (en)
[origin: WO2022097281A1] An outdoor heat exchanger (11) comprises a first heat exchange module (21a) and a second heat exchange module (21b), each of which is a heat exchange module (21) including a plurality of heat-transfer pipes (23) that are retained by fixing coupling members (25). The fixing coupling members (25) each have: a retainer plate portion (27a) that retains one end side of the heat-transfer pipes (23); and a pair of lateral-plate portions (29a) that are disposed so as to extend toward a side opposite to where the corresponding heat-transfer pipes (23) are positioned. The pair of lateral-plate portions (29a) of each of the fixing coupling members (25) of the first heat exchange module (21a) are joined to the pair of lateral-plate portions (29a) of the corresponding fixing coupling member (25) of the second heat exchange module (21b). The heat-transfer pipes (23) of the first heat exchange module (21a) and the heat-transfer pipes (23) of the second heat exchange module (21b) are connected to each other within a space enclosed by the fixing coupling members (25) of the first heat exchange module (21a) and the fixing coupling members (25) of the second heat exchange module (21b).

IPC 8 full level
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Citation (search report)
[XI] US 2008121387 A1 20080529 - TANIGUCHI MITSUNORI [JP], et al

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