

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

Title (de)
WÄRMETAUSCHER UND KÄLTEKREISLAUFVORRICHTUNG DAMIT

Title (fr)
ÉCHANGEUR THERMIQUE ET APPAREIL À CYCLE DE RÉFRIGÉRATION POURVU DE CELUI-CI

Publication
EP 3480546 B1 20210324 (EN)

Application
EP 16907324 A 20160630

Priority
JP 2016069530 W 20160630

Abstract (en)
[origin: EP3480546A1] In an outdoor heat exchanger (17), a longitudinal direction of a fin (21) is in parallel to an orientation of the gravity (YG). A first drain region (27) is provided on a side of an end portion (22a) of the fin (21), and a second drain region (29) is provided on a side of an end portion (22b). An outer wall lower surface (33) of a heat transfer tube (31) is located substantially horizontally. A first outer wall upper surface (35) of the heat transfer tube (31) slopes down at a first angle of inclination (α_1) from an end portion (36) toward the first drain region (27). A second outer wall upper surface (37) of the heat transfer tube (31) slopes down at a second angle of inclination (α_2) from the end portion (36) toward the second drain region (29).

IPC 8 full level
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CPC (source: EP)
F25B 39/02 (2013.01); **F28F 1/02** (2013.01); **F28F 1/022** (2013.01); **F28F 1/04** (2013.01); **F28F 1/32** (2013.01); **F28F 13/08** (2013.01); **F28F 17/005** (2013.01); **F28D 2021/0068** (2013.01); **F28D 2021/0071** (2013.01); **F28F 2250/02** (2013.01)

Citation (examination)
JP 2002139282 A 20020517 - MITSUBISHI ELECTRIC CORP

Cited by
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