

Title (en)

AIR CONDITIONING DEVICE OUTDOOR UNIT

Title (de)

AUSSENENHEIT FÜR EINE KLIMAANLAGE

Title (fr)

UNITÉ EXTÉRIEURE DE DISPOSITIF DE CLIMATISATION

Publication

EP 3499138 B1 20230614 (EN)

Application

EP 16912679 A 20160810

Priority

JP 2016073536 W 20160810

Abstract (en)

[origin: EP3499138A1] An outdoor unit for an air-conditioning apparatus includes a heat exchanger including a plurality of heat exchanger units. The plurality of heat exchanger units are vertically stacked and each include a long side portion, a short side portion, and a corner portion bent and connecting the long side portion and the short side portion to each other. In the heat exchanger, deviation in an air flow direction that lies between ones of the plurality of heat exchanger units that are vertically adjacent to each other is larger at the short side portions than at the long side portions.

IPC 8 full level

F24F 1/16 (2011.01); **F24F 1/18** (2011.01)

CPC (source: EP US)

F24F 1/16 (2013.01 - EP US); **F28D 9/0043** (2013.01 - US); **F28F 9/26** (2013.01 - US); **F24F 1/18** (2013.01 - EP US);
F28D 1/05391 (2013.01 - US); **F28F 2250/10** (2013.01 - US)

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

DOCDB simple family (publication)

EP 3499138 A1 20190619; **EP 3499138 A4 20190724**; **EP 3499138 B1 20230614**; CN 109564014 A 20190402; CN 109564014 B 20210202;
JP 6775587 B2 20201028; JP WO2018029798 A1 20190328; US 2019178507 A1 20190613; WO 2018029798 A1 20180215

DOCDB simple family (application)

EP 16912679 A 20160810; CN 201680088224 A 20160810; JP 2016073536 W 20160810; JP 2018533352 A 20160810;
US 201616301009 A 20160810