

Title (en)
OUTDOOR MACHINE OF REFRIGERATION DEVICE

Title (de)
AUSSENMASCHINE FÜR EINE KÜHLVORRICHTUNG

Title (fr)
MACHINE EXTÉRIEURE DE DISPOSITIF DE RÉFRIGÉRATION

Publication
EP 2728270 B1 20190227 (EN)

Application
EP 12805411 A 20120628

Priority
• JP 2011146263 A 20110630
• JP 2012004185 W 20120628

Abstract (en)
[origin: EP2728270A1] In an outdoor unit (3), first through third intermediate heat exchangers (41, 42, 43) and an outdoor heat exchanger (44) are disposed to stand along an air inlet (123) of an outdoor casing (121), and the outdoor heat exchanger (44) is located above the first through third intermediate heat exchangers (41, 42, 43).

IPC 8 full level
F24F 1/50 (2011.01); **F24F 1/16** (2011.01); **F25B 1/10** (2006.01); **F25B 13/00** (2006.01)

CPC (source: EP US)
F24F 1/16 (2013.01 - EP US); **F24F 1/50** (2013.01 - EP US); **F25B 1/10** (2013.01 - EP US); **F25B 13/00** (2013.01 - EP US);
F25B 2313/0233 (2013.01 - EP US); **F25B 2313/0253** (2013.01 - EP US); **F25B 2313/027** (2013.01 - EP US); **F25B 2400/072** (2013.01 - EP US);
F25B 2400/13 (2013.01 - EP US)

Cited by
CN104154688A; EP3425306A4

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 2728270 A1 20140507; EP 2728270 A4 20150401; EP 2728270 B1 20190227; AU 2012277182 B2 20150528; CN 103635752 A 20140312;
CN 103635752 B 20150401; ES 2727860 T3 20191021; JP 2013015228 A 20130124; JP 5257491 B2 20130807; TR 201907629 T4 20190621;
US 2014102131 A1 20140417; WO 2013001816 A1 20130103

DOCDB simple family (application)
EP 12805411 A 20120628; AU 2012277182 A 20120628; CN 201280030911 A 20120628; ES 12805411 T 20120628;
JP 2011146263 A 20110630; JP 2012004185 W 20120628; TR 201907629 T 20120628; US 201214119344 A 20120628