

Title (en)
REFRIGERATION DEVICE

Title (de)
KÜHLVORRICHTUNG

Title (fr)
DISPOSITIF DE RÉFRIGÉRATION

Publication
EP 3502592 A1 20190626 (EN)

Application
EP 17855507 A 20170824

Priority
• JP 2016193032 A 20160930
• JP 2017030398 W 20170824

Abstract (en)
Frame parts (70A, 70B, 70C, 70D) are arranged in a row, and in each of which a compressor (12), an air heat exchanger (50, 60), a receiver (15), and a system-side electric component box (81) corresponding to each other are installed as a single unit.

IPC 8 full level
F24F 1/10 (2011.01); **F24F 1/16** (2011.01); **F24F 1/22** (2011.01); **F24F 1/24** (2011.01); **F24F 1/46** (2011.01); **F24F 1/68** (2011.01); **F24F 5/00** (2006.01); **F25B 1/00** (2006.01); **F25B 31/00** (2006.01); **F25B 49/02** (2006.01)

CPC (source: EP US)
F24F 1/10 (2013.01 - EP US); **F24F 1/16** (2013.01 - US); **F24F 1/22** (2013.01 - EP US); **F24F 1/24** (2013.01 - US); **F24F 1/46** (2013.01 - EP US); **F24F 1/68** (2013.01 - US); **F25B 7/00** (2013.01 - US); **F25B 13/00** (2013.01 - EP); **F25B 31/02** (2013.01 - US); **F24F 1/16** (2013.01 - EP); **F24F 1/68** (2013.01 - EP); **F25B 31/006** (2013.01 - EP); **F25B 41/20** (2021.01 - EP); **F25B 2313/003** (2013.01 - EP); **F25B 2313/021** (2013.01 - EP); **F25B 2313/0253** (2013.01 - EP); **F25B 2400/06** (2013.01 - EP); **F25B 2400/13** (2013.01 - EP)

Citation (search report)
See references of WO 2018061549A1

Cited by
EP4012292A4; EP4209727A4

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3502592 A1 20190626; CN 109791011 A 20190521; JP 2018054249 A 20180405; JP 6365615 B2 20180801; US 2020033012 A1 20200130; WO 2018061549 A1 20180405

DOCDB simple family (application)
EP 17855507 A 20170824; CN 201780060600 A 20170824; JP 2016193032 A 20160930; JP 2017030398 W 20170824; US 201716338130 A 20170824