Title (en)

NO-FROST REFRIGERATION APPLIANCE

Title (de)

NO-FROST-KÄLTEGERÄT

Title (fr)

APPAREIL FRIGORIFIQUE ANTIGIVRE

Publication

EP 3230664 A1 20171018 (DE)

Application

EP 15801445 A 20151127

Priority

- DE 102014225102 A 20141208
- EP 2015077963 W 20151127

Abstract (en)

[origin: WO2016091621A1] A refrigeration appliance includes a storage compartment (3) surrounded by a thermal insulation layer (2) as well as a refrigeration machine comprising an evaporator (5), which cools the storage compartment (3), and a compressor (8) which allows refrigerant to circulate through the evaporator (5). A thermosiphon (14) is in thermal contact with the evaporator (5) and to a heat reservoir outside the thermal insulation layer (2).

IPC 8 full level

F25D 11/02 (2006.01); **F25B 25/00** (2006.01); **F25D 21/12** (2006.01)

CPC (source: CN EP US)

F25B 5/02 (2013.01 - EP); **F25B 23/006** (2013.01 - EP); **F25B 25/00** (2013.01 - EP); **F25B 25/005** (2013.01 - CN); **F25B 41/20** (2021.01 - CN EP US); **F25B 47/02** (2013.01 - EP); **F25D 11/022** (2013.01 - CN EP); **F25D 21/12** (2013.01 - CN EP US); **F28D 1/0426** (2013.01 - EP); **F28D 1/0477** (2013.01 - EP); **F28D 1/0478** (2013.01 - EP); F25B 2339/023 (2013.01 - EP); F25B 2339/047 (2013.01 - EP); F25B 2700/11 (2013.01 - CN EP); F28F 1/122 (2013.01 - EP); F28F 1/22 (2013.01 - EP)

Citation (search report)

See references of WO 2016091621A1

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)

DE 102014225102 A1 20160609; CN 107003058 A 20170801; EP 3230664 A1 20171018; EP 3230664 B1 20210707; WO 2016091621 A1 20160616

DOCDB simple family (application)

DE 102014225102 A 20141208; CN 201580066348 A 20151127; EP 15801445 A 20151127; EP 2015077963 W 20151127