

Title (en)

REFRIGERATION DEVICE HAVING MOISTURE SEPARATION AND OPERATING METHOD THEREFOR

Title (de)

KÄLTEGERÄT MIT FEUCHTIGKEITSABSCHEIDUNG UND BETRIEBSVERFAHREN DAFÜR

Title (fr)

APPAREIL FRIGORIFIQUE AVEC ÉLIMINATION DE L'HUMIDITÉ, ET PROCÉDÉ POUR FAIRE FONCTIONNER CET APPAREIL

Publication

EP 2188579 A2 20100526 (DE)

Application

EP 08802967 A 20080807

Priority

- EP 2008060367 W 20080807
- DE 102007038354 A 20070814

Abstract (en)

[origin: WO2009021895A2] A refrigeration device comprises a storage chamber (3), an ancillary chamber (9) recessed from the storage chamber (3), said ancillary chamber comprising a reversible absorber (10) for moisture, and a fan (15) for circulating air between the storage chamber (3) and the ancillary chamber (9). A valve arrangement (14, 16) is used to separate the ancillary chamber (9) from the storage chamber (3) and to connect the ancillary chamber (9) to the surrounding area. If a need for drying is detected, first air is circulated between the storage chamber (3) and the ancillary chamber (9) comprising the absorber (10) and then between the ancillary chamber (9) and the surrounding area.

IPC 8 full level

F25D 21/04 (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP)

F25D 17/042 (2013.01); **F25D 2317/0411** (2013.01)

Citation (search report)

See references of WO 2009021895A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007038354 A1 20090219; CN 101784851 A 20100721; CN 101784851 B 20120926; EP 2188579 A2 20100526; RU 2010106277 A 20110920; RU 2467264 C2 20121120; WO 2009021895 A2 20090219; WO 2009021895 A3 20090827

DOCDB simple family (application)

DE 102007038354 A 20070814; CN 200880102859 A 20080807; EP 08802967 A 20080807; EP 2008060367 W 20080807; RU 2010106277 A 20080807