Title (en)

REFRIGERATOR

Title (de)

KÜHLSCHRANK

Title (fr)

RÉFRIGÉRATEUR

Publication

EP 3187801 B1 20200819 (EN)

Application

EP 14900349 A 20141128

Priority

- CN 201410432007 A 20140829
- CN 2014092416 W 20141128

Abstract (en)

[origin: EP3187801A1] The present invention relates to a refrigerator, comprising: a dry article chamber (12), a cold chamber (14), a first cooling and circulating system and a second cooling and circulating system in which a coolant circulates respectively, wherein an evaporating temperature of the first cooling and circulating system is lower than that of the second cooling and circulating system, the first cooling and circulating system comprises an evaporator (13) arranged inside the cold chamber (14), and a refrigerating output passage (15) is arranged between the cold chamber (14) and the dry article chamber (12). By communicating the dry article chamber (12) with the cold chamber (14) of the first cooling and circulating system whose evaporating temperature is relatively low, the absolute humidity of the air entering the dry article chamber (12) is much lower, realizing a lower absolute humidity in the dry article chamber (12).

IPC 8 full level

F25D 11/02 (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP RU US)

F25B 41/20 (2021.01 - EP); **F25B 41/37** (2021.01 - EP); **F25B 41/385** (2021.01 - EP); **F25D 11/02** (2013.01 - RU US); **F25D 17/04** (2013.01 - US); **F25D 17/042** (2013.01 - EP); **F25D 17/045** (2013.01 - EP); **F25D 29/00** (2013.01 - US); F25B 2500/19 (2013.01 - EP); F25B 2600/2507 (2013.01 - EP); F25B 2700/02 (2013.01 - EP); F25B 2700/2104 (2013.01 - EP); F25D 2700/02 (2013.01 - US)

Citation (examination)

JP 2009264666 A 20091112 - PANASONIC CORP

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 3187801 A1 20170705; **EP 3187801 A4 20180307**; **EP 3187801 B1 20200819**; AU 2014404815 A1 20170309; AU 2014404815 B2 20190307; CN 105466103 A 20160406; JP 2017528682 A 20170928; JP 6423965 B2 20181114; RU 2655212 C1 20180524; US 2017276420 A1 20170928; WO 2016029576 A1 20160303

DOCDB simple family (application)

EP 14900349 A 20141128; AU 2014404815 A 20141128; CN 2014092416 W 20141128; CN 201410432007 A 20140829; JP 2017529120 A 20141128; RU 2017108420 A 20141128; US 201415505069 A 20141128