

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 3680591 A1 20200715 (EN)

Application
EP 20150251 A 20200103

Priority
KR 20190003591 A 20190110

Abstract (en)
A refrigerator includes a cabinet that forms a chamber, a partition wall configured to partition the chamber into a storage space and an air flow path, a partition shelf configured to partition the storage space into a first space and a second space, a heat exchanger provided in the air flow path, and a first damper provided in the air flow path to adjust air supplied to the first space. The top of the heat exchanger is lower than the bottom surface of the partition shelf. The first damper is provided at a height overlapping the partition shelf in a horizontal direction.

IPC 8 full level
F25D 17/06 (2006.01); **F25D 17/04** (2006.01)

CPC (source: EP KR US)
F25D 11/022 (2013.01 - KR); **F25D 17/045** (2013.01 - EP KR); **F25D 17/06** (2013.01 - KR); **F25D 17/065** (2013.01 - US); **F25D 17/067** (2013.01 - EP); **F25D 23/006** (2013.01 - KR); **F25D 23/028** (2013.01 - KR); **F25D 23/069** (2013.01 - KR); **F25D 23/087** (2013.01 - KR); **F25D 29/00** (2013.01 - KR); **F25D 2317/063** (2013.01 - KR); **F25D 2317/067** (2013.01 - KR); **F25D 2400/18** (2013.01 - KR)

Citation (search report)
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CN113983751A

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 3680591 A1 20200715; **EP 3680591 B1 20240911**; KR 102663842 B1 20240507; KR 20200087047 A 20200720;
US 2020224954 A1 20200716

DOCDB simple family (application)
EP 20150251 A 20200103; KR 20190003591 A 20190110; US 201916725318 A 20191223