

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 4148351 A4 20240515 (EN)

Application
EP 20934346 A 20200604

Priority
• CN 202010381516 A 20200508
• CN 2020094288 W 20200604

Abstract (en)
[origin: EP4148351A1] Disclosed is a refrigerator, comprising a storage chamber, a door body, a crisper, a vacuumizing assembly and a magnetically sensitive switch, wherein a storage chamber is formed in the crisper; the crisper is connected to the door body; and the vacuumizing assembly comprises a vacuum pump, a vacuumizing pipeline and a vacuumizing connector assembly, the vacuum pump being in communication with the vacuumizing connector assembly by means of the vacuumizing pipeline, such that when the vacuumizing connector assembly is connected to the crisper, the vacuumizing assembly can vacuumize the storage chamber. The vacuumizing connector assembly is arranged on the door body, and the door body is provided with a key switch, which controls the vacuum pump to start and stop. The vacuum pump is controlled by the key switch to start and stop, which is convenient to operate.

IPC 8 full level
F25D 11/02 (2006.01); **F25D 17/04** (2006.01); **F25D 23/12** (2006.01); **F25D 25/00** (2006.01)

CPC (source: CN EP)
F25D 11/02 (2013.01 - CN); **F25D 17/042** (2013.01 - CN EP); **F25D 23/04** (2013.01 - EP); **F25D 23/12** (2013.01 - CN);
F25D 25/005 (2013.01 - CN); **F25D 29/003** (2013.01 - CN); **F25D 29/005** (2013.01 - CN); **F25D 2317/043** (2013.01 - CN EP)

Citation (search report)
• [X] KR 100632017 B1 20061004
• [A] EP 2162690 B1 20180808 - BSH HAUSGERAETE GMBH [DE]
• [A] JP 2005030648 A 20050203 - TOSHIBA CORP
• See also references of WO 2021223284A1

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 4148351 A1 20230315; **EP 4148351 A4 20240515**; CN 113623919 A 20211109; CN 113623919 B 20220419; JP 2023519441 A 20230510;
JP 2024020550 A 20240214; JP 7395013 B2 20231208; WO 2021223284 A1 20211111

DOCDB simple family (application)
EP 20934346 A 20200604; CN 2020094288 W 20200604; CN 202010381516 A 20200508; JP 2022560010 A 20200604;
JP 2023200445 A 20231128