

Title (en)
REFRIGERATOR

Title (de)
KÜHLSCHRANK

Title (fr)
RÉFRIGÉRATEUR

Publication
EP 3406992 B1 20221102 (EN)

Application
EP 18172786 A 20180517

Priority
KR 20170065030 A 20170526

Abstract (en)
[origin: EP3406992A1] Provided is a refrigerator. The refrigerator includes a cabinet defining a refrigerating compartment and a freezing compartment, a refrigerating compartment door opening and closing the refrigerating compartment, a freezing compartment door opening and closing the freezing compartment, a dispenser provided in a front surface of the refrigerating compartment door, an ice maker provided in the freezing compartment door, a water tank detachably disposed on a rear surface of the refrigerating compartment door above the dispenser to supply water by a self-weight of the water when the water tank is mounted, and a tank connection member disposed in the refrigerating compartment door and connected to the water tank when the water tank is mounted to provide a passage branched toward the dispenser and the ice maker.

IPC 8 full level
F25D 23/12 (2006.01); **F25C 5/20** (2018.01); **F25D 23/04** (2006.01)

CPC (source: CN EP KR)
F25C 1/24 (2013.01 - KR); **F25C 1/25** (2017.12 - CN KR); **F25C 5/22** (2017.12 - EP); **F25D 11/02** (2013.01 - CN KR); **F25D 23/028** (2013.01 - KR); **F25D 23/04** (2013.01 - EP KR); **F25D 23/12** (2013.01 - CN); **F25D 23/126** (2013.01 - EP); **F25D 25/00** (2013.01 - KR); **F25C 2400/14** (2013.01 - EP); **F25C 2500/02** (2013.01 - EP); **F25D 2323/024** (2013.01 - EP KR); **F25D 2323/122** (2013.01 - EP KR); **F25D 2500/02** (2013.01 - EP)

Citation (examination)
EP 2600085 A2 20130605 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by
US2024183596A1; EP4025852A4; US11112159B2; US11781796B2; EP3604992A1; EP4279842A3; US11175085B2; US12038217B2; WO2023015909A1; US11828527B2

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 3406992 A1 20181128; EP 3406992 B1 20221102; CN 108931095 A 20181204; CN 108931095 B 20201225; KR 101997259 B1 20191001; KR 20180129259 A 20181205

DOCDB simple family (application)
EP 18172786 A 20180517; CN 201810506176 A 20180524; KR 20170065030 A 20170526