

Title (en)  
REFRIGERATOR

Title (de)  
KÜHLSCHRANK

Title (fr)  
RÉFRIGÉRATEUR

Publication  
**EP 4386287 A1 20240619 (EN)**

Application  
**EP 23216811 A 20231214**

Priority  
KR 20220177597 A 20221216

Abstract (en)  
Provided is a refrigerator. The refrigerator includes a cabinet in which a refrigerating compartment and a freezing compartment, each of which has an opened front surface, are defined, and a door configured to open and close the refrigerating compartment. The refrigerating compartment door includes a first door rotatably mounted on the cabinet, and a second door provided in front of the first door and configured to rotate in the same direction as the first door so as to open and close at least a portion of a front surface of the first door. The first door includes an ice-making chamber which is defined in the first door and in which an ice maker is accommodated, and a door storage portion provided in front of the ice-making chamber and opened and closed by the second door to store food.

IPC 8 full level  
**F25D 17/08** (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP KR)  
**F25C 1/24** (2013.01 - KR); **F25D 17/065** (2013.01 - KR); **F25D 17/08** (2013.01 - EP KR); **F25D 23/025** (2013.01 - EP); **F25D 23/028** (2013.01 - KR); **F25D 23/04** (2013.01 - KR); **F25D 27/00** (2013.01 - KR); **F25D 23/028** (2013.01 - EP); **F25D 2317/061** (2013.01 - EP KR); **F25D 2317/062** (2013.01 - EP KR); **F25D 2323/021** (2013.01 - KR); **F25D 2323/023** (2013.01 - EP KR); **F25D 2323/121** (2013.01 - KR); **F25D 2331/806** (2013.01 - KR); **F25D 2400/18** (2013.01 - KR); **F25D 2400/36** (2013.01 - KR)

Citation (search report)

- [E] WO 2024028770 A1 20240208 - MUDATECH KOREA CO LTD [KR]
- [A] KR 102189357 B1 20201211
- [A] US 2011023528 A1 20110203 - KWON HONG SIK [KR], et al
- [A] EP 3190364 A1 20170712 - LG ELECTRONICS INC [KR]
- [A] US 10598422 B2 20200324 - PARK YOOMIN [KR], et al

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 23216811 A 20231214**; EP 23216786 A 20231214; KR 20230175977 A 20231206; KR 20230175979 A 20231206; KR 20230183343 A 20231215