

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 2792975 A1 20141022 (EN)

Application
EP 14173402 A 20100322

Priority
• KR 20090129256 A 20091222
• EP 10157228 A 20100322

Abstract (en)
Provided is a refrigerator including a slim refrigerator door. The refrigerator includes a storage compartment; a refrigerator door (11) opening and closing the storage compartment; an ice maker (210) configured to generate ice cubes; an ice bin (300) provided at the refrigerator door to receive the ice cubes generated in the ice maker and having a discharge opening (127) through which the ice cubes are discharged; a motor provided at the refrigerator door; and at least one blade (410, 480) within the ice bin, the at least one blade being operably connected to the motor, wherein at least one ice cube generated in the ice maker directly drop onto the at least one blade, and the at least one blade (410) moves at least one ice cube stored in the ice bin to the discharge opening to discharge the at least one ice cube from the ice bin by an operation of the motor.

IPC 8 full level
F25C 5/00 (2006.01); **F25C 5/04** (2006.01); **F25D 23/04** (2006.01)

CPC (source: EP)
F25C 5/046 (2013.01); **F25C 5/06** (2013.01); **F25C 5/22** (2017.12); **F25D 23/04** (2013.01); **F25C 5/24** (2017.12)

Citation (search report)
• [Y] US 7437885 B2 20081021 - WU GUOLIAN [US], et al & US 6082130 A 20000704 - PASTRYK JIM J [US], et al
• [Y] WO 2008050991 A2 20080502 - LG ELECTRONICS INC [KR], et al
• [Y] EP 1701118 A2 20060913 - LG ELECTRONICS INC [KR]
• [A] WO 2007028029 A2 20070308 - MANITOWOC FOODSERVICE CO INC [US], et al

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA ME RS

DOCDB simple family (publication)
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