

Title (en)

REFRIGERATOR AND ICE MAKING METHOD THEREOF

Title (de)

KÜHLSCHRANK UND EISHERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

RÉFRIGÉRATEUR ET SON PROCÉDÉ DE FABRICATION DE GLACE

Publication

EP 3106797 A1 20161221 (EN)

Application

EP 15186860 A 20150925

Priority

KR 20150085584 A 20150617

Abstract (en)

Refrigerator and an ice making method thereof are disclosed. The refrigerator, comprises a main body (10) configured to form an appearance of the refrigerator, a storage space installed within the main body, a door (30) configured to open and close the storage space, an ice making chamber (100) provided in the door, a cooling duct (210) configured to allow cooling air to be movable in a longitudinal direction, and provided in the main body to have both ends connected to the ice making chamber such that the cooling air circulates in the ice making chamber, and an evaporation coil (220) installed on the cooling duct and configured to cool air to the cooling air through heat exchange with a refrigerant.

IPC 8 full level

F25C 5/00 (2006.01); **F25D 23/02** (2006.01)

CPC (source: EP US)

F25C 5/22 (2017.12 - EP US); **F25D 23/028** (2013.01 - EP US); **F25D 23/068** (2013.01 - EP US); **F25C 2400/10** (2013.01 - EP US);
F25D 17/065 (2013.01 - EP US); **F25D 2317/062** (2013.01 - EP US)

Citation (search report)

- [XY] US 2010101260 A1 20100429 - LEE BOK DONG [KR], et al
- [X] US 2010326096 A1 20101230 - JUNGE BRENT ALDEN [US], et al
- [X] US 2010011796 A1 20100121 - LEE SEUNG-MOK [KR]
- [Y] US 3568465 A 19710309 - JUNG ROBERT C

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 3106797 A1 20161221; CN 106257200 A 20161228; KR 101696893 B1 20170116; KR 20160148856 A 20161227;
US 2016370071 A1 20161222

DOCDB simple family (application)

EP 15186860 A 20150925; CN 201510570677 A 20150909; KR 20150085584 A 20150617; US 201514835564 A 20150825