

Title (en)

ICE MAKING SYSTEM AND METHOD FOR A REFRIGERATOR

Title (de)

EISHERSTELLUNGSSYSTEM UND -VERFAHREN FÜR EINEN KÜHLSCHRANK

Title (fr)

SYSTÈME ET PROCÉDÉ DE FABRICATION DE GLACE POUR UN RÉFRIGÉRATEUR

Publication

EP 3106798 A1 20161221 (EN)

Application

EP 15186862 A 20150925

Priority

KR 20150085275 A 20150616

Abstract (en)

Ice making system and method for a refrigerator is disclosed. The ice making system includes an ice making unit (100) that makes ice cubes; a cold air generator (200) that cools air inside a cooling duct (210) so as to produce cold air; a cold air circulation unit (300) that supplies the cold air from the cold air generator to the ice making unit, and discharges the cold air from the ice making unit to the cold air generator; and an opening/closing unit (700) that discharges defrost water produced from the cooling duct to an outside.

IPC 8 full level

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

CPC (source: EP US)

F25C 1/04 (2013.01 - US); **F25C 5/22** (2017.12 - EP US); **F25D 11/006** (2013.01 - US); **F25D 11/02** (2013.01 - US); **F25D 17/065** (2013.01 - EP US); **F25D 21/06** (2013.01 - US); **F25D 21/08** (2013.01 - EP US); **F25D 21/12** (2013.01 - EP US); **F25D 23/028** (2013.01 - EP US); **F25C 2400/10** (2013.01 - EP US); **F25D 11/022** (2013.01 - EP US); **F25D 2317/062** (2013.01 - EP US)

Citation (search report)

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- [X] US 2010101260 A1 20100429 - LEE BOK DONG [KR], et al
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EP3239629A1

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 3106798 A1 20161221; **EP 3106798 B1 20190116**; CN 106257199 A 20161228; CN 106257199 B 20190301; KR 101715804 B1 20170313; KR 20160148336 A 20161226; US 2016370083 A1 20161222

DOCDB simple family (application)

EP 15186862 A 20150925; CN 201510570299 A 20150909; KR 20150085275 A 20150616; US 201514841155 A 20150831