

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 B1 20190116 (EN)**

Application

**EP 15186862 A 20150925**

Priority

KR 20150085275 A 20150616

Abstract (en)

[origin: EP3106798A1] 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

**F25D 17/06** (2006.01); **F25C 5/20** (2018.01); **F25D 21/08** (2006.01); **F25D 21/12** (2006.01); **F25D 23/02** (2006.01); **F25D 11/02** (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 (examination)

US 2016069605 A1 20160310 - LEE HYUN NAM [KR], et al

Cited by

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

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