

Title (en)
Refrigerator

Title (de)
Kühlschrank

Title (fr)
Réfrigérateur

Publication
EP 2886979 B1 20190213 (EN)

Application
EP 14198620 A 20141217

Priority
KR 20130160832 A 20131220

Abstract (en)
[origin: EP2886979A2] A refrigerator includes an auger including a transfer unit transferring ice in an ice bucket and a driving gear unit formed at the end of the transfer unit and transmitting rotary force and an agitator including an agitation unit agitating the ice in the ice bucket and a driven gear unit combined with the end of the agitation unit. The auger is formed integrally and thus, the number of parts of the auger is reduced and the assembled structure of the auger is simplified. The ice bucket is fixed in the upward, downward, and horizontal directions by a dual fixing device and is easily attached to and detached from a door of the refrigerator.

IPC 8 full level
F25C 5/00 (2018.01); **F25C 5/18** (2018.01)

CPC (source: EP KR US)
F25C 1/10 (2013.01 - KR); **F25C 1/24** (2013.01 - KR); **F25C 5/18** (2013.01 - EP US); **F25C 5/22** (2017.12 - EP US); **F25D 11/00** (2013.01 - KR); **F25D 23/02** (2013.01 - KR); **F25D 23/028** (2013.01 - US); **F25D 23/04** (2013.01 - EP US); **F25C 2500/08** (2013.01 - EP US)

Cited by
CN109708345A; US11680741B2; US2015059366A1; US9557089B2; US10508853B2

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 2886979 A2 20150624; **EP 2886979 A3 20151007**; **EP 2886979 B1 20190213**; KR 102199803 B1 20210108; KR 20150073037 A 20150630; US 2015176882 A1 20150625

DOCDB simple family (application)
EP 14198620 A 20141217; KR 20130160832 A 20131220; US 201414567320 A 20141211