

Title (en)

Ice maker-driving device for refrigerator and method for operating the same

Title (de)

Eismaschinenansteuerungsvorrichtung für einen Kühlschrank und Betriebsverfahren dafür

Title (fr)

Dispositif de fabrication de glace pour réfrigérateur et son procédé de fonctionnement

Publication

EP 2151644 A1 20100210 (EN)

Application

EP 08014238 A 20080808

Priority

EP 08014238 A 20080808

Abstract (en)

The present invention relates to an ice maker-driving device for a refrigerator and a method for operating the same wherein the ice-making container (36) connected to the ice-separating lever (5) and rotated by initial circuit set is reversely rotated before forward rotation and has a protruded coupling part having a predetermined angle formed on the other side thereof, without any cooperation with the ice-separating lever (5), so as to be coupled with a case-fixing part, thereby allowing the ice-making container (36) to be twistedly rotated at one side thereof according to the reverse rotation of the ice-separating lever (5), such that the separation of ice cubes is conducted and also the stress and tense state of the parts caused by their freezing are removed to prevent their malfunction, thereby efficiently achieving the ice-separating and storing operations.

IPC 8 full level

F25C 5/06 (2006.01)

CPC (source: EP US)

F25C 1/04 (2013.01 - EP US); **F25C 5/06** (2013.01 - EP); **F25C 5/187** (2013.01 - EP); **F25C 2305/0221** (2021.08 - EP US); **F25C 2400/10** (2013.01 - EP)

Citation (applicant)

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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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2151644 A1 20100210

DOCDB simple family (application)

EP 08014238 A 20080808