Title (en)

DEPTH-ADJUSTABLE ICE COMPARTMENT FOR REFRIGERATOR AND METHOD FOR MANUFACTURING THE SAME

Title (de)

TIEFENVERSTELLBARES GEFRIERFACH FÜR EINEN KÜHLSCHRANK UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

COMPARTIMENT AJUSTABLE EN PROFONDEUR POUR RÉFRIGÉRATEUR ET PROCÉDÉ DE FABRICATION DE CELUI-CI

Publication

EP 3106802 A1 20161221 (EN)

Application

EP 15187266 A 20150929

Priority

KR 20150085877 A 20150617

Abstract (en)

A method for manufacturing a refrigerator (100) includes providing a main body including a food storage space and a cold air generator, installing an ice compartment (210) in the food storage space, the ice compartment being configured to produce ice, and installing a door on the main body, the door being configured to openably close the food storage space, wherein installing the ice compartment includes forming a housing (212) of the ice compartment by extrusion molding, manufacturing a front end frame (214) and a rear end frame (216) which are respectively coupled to front and rear ends of the housing of the ice compartment, respectively coupling the front end frame and the rear end frame to the front and rear ends of the ice compartment (210), and performing a urethane foaming process to include thermal insulation in some of the space in the housing of the ice compartment.

IPC 8 full level

F25C 5/00 (2006.01)

CPC (source: EP US)

F25C 5/182 (2013.01 - US); **F25C 5/22** (2017.12 - EP US); **F25D 23/00** (2013.01 - US); F25D 2400/00 (2013.01 - EP US)

Citation (search report)

- [XY] US 2006090496 A1 20060504 - ADAMSKI JOSEPH R [US], et al
- [XY] EP 2650625 A2 20131016 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] US 2013000345 A1 20130103 - VITAN CRAIG ROBERT [US], et al
- [A] EP 2610563 A2 20130703 - SAMSUNG ELECTRONICS CO LTD [KR]
- [A] EP 2650628 A2 20131016 - SAMSUNG ELECTRONICS CO LTD [KR]

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

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