

Title (en)

DOMESTIC REFRIGERATOR AND METHOD FOR OPERATING A DOMESTIC REFRIGERATOR

Title (de)

HAUSHALTSKÄLTEGERÄT UND VERFAHREN ZUM BETREIBEN EINES HAUSHALTSKÄLTEGERÄTES

Title (fr)

APPAREIL FRIGORIFIQUE MÉNAGER ET PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL FRIGORIFIQUE MÉNAGER

Publication

EP 3086059 B1 20190911 (DE)

Application

EP 16161912 A 20160323

Priority

DE 102015207313 A 20150422

Abstract (en)

[origin: US2016313055A1] A domestic refrigeration appliance has a heat-insulated carcass which has an inner container with a coolable interior space for storing food, a refrigeration device for cooling the coolable interior space, an assisting device, and a door leaf mounted pivotable relative to the carcass for opening and closing the interior space or a drawer which in the closed state is pushed into the coolable interior space in order to close it, and in the open state is at least partially withdrawn from the coolable interior space. The assisting device has an air pressure sensor configured to determine a change of the air pressure within the interior space due to a pushing and/or pulling on the closed door leaf or the closed drawer. The assisting device is configured to open the closed door leaf or the closed drawer automatically at least partially depending on the determined change in the air pressure.

IPC 8 full level

F25D 17/04 (2006.01); **F25D 23/02** (2006.01)

CPC (source: CN EP US)

E05F 15/71 (2015.01 - EP US); **F25D 11/00** (2013.01 - CN); **F25D 17/047** (2013.01 - EP US); **F25D 23/02** (2013.01 - CN); **F25D 23/028** (2013.01 - CN EP US); **F25D 25/025** (2013.01 - CN); **F25D 25/04** (2013.01 - CN); **F25D 29/003** (2013.01 - CN US); **F25D 2323/02** (2013.01 - CN); **F25D 2700/00** (2013.01 - CN); **F25D 2700/02** (2013.01 - EP US)

Citation (examination)

- US 2015040674 A1 20150212 - ISHIHARA TAKUYA [JP], et al
- US 2010327883 A1 20101230 - REINMUTH JOCHEN [DE]
- US 2003205448 A1 20031106 - MILLER BRIAN L [US], et al
- US 2697352 A 19541221 - UMPHREY DONALD M
- US 2005252300 A1 20051117 - MILLER BRIAN L [US]

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 3086059 A1 20161026; **EP 3086059 B1 20190911**; CN 106066107 A 20161102; CN 106066107 B 20210212; DE 102015207313 A1 20161027; US 2016313055 A1 20161027; US 9989302 B2 20180605

DOCDB simple family (application)

EP 16161912 A 20160323; CN 201610252046 A 20160421; DE 102015207313 A 20150422; US 201615131480 A 20160418