

Title (en)
HOUSEHOLD REFRIGERATOR

Title (de)
HAUSHALTSKÄLTEGERÄT

Title (fr)
RÉFRIGÉRATEUR DOMESTIQUE

Publication
EP 3152501 B1 20190911 (DE)

Application
EP 15726168 A 20150603

Priority
• DE 102014210693 A 20140605
• EP 2015062344 W 20150603

Abstract (en)
[origin: WO2015185604A1] The invention relates to a domestic refrigeration appliance (1), which comprises a heat-insulated inner container (3) which delimits a coolable interior (4) for storing foodstuffs, a refrigeration device for cooling the coolable interior (4), a door leaf (5) mounted relative to the inner container (3) in an articulated manner in relation to an axis by means of hinges for opening and closing the coolable interior (4) and an opening aid device (11). At least one of the hinges is configured as a self-closing hinge (10) capable of automatically closing the door leaf (5) to a first opening angle (α). The opening aid device (11) comprises an actuator (13) and a tappet (12) that can be moved at least indirectly back and forth by means of the actuator (13) between a first position and a second position. The opening aid device (11) is configured to enable the door leaf (5) to be closed if the tappet (12) is in the first position thereof, to move the tappet (12) from the first position thereof to the second position thereof in order to push open the closed door leaf (5) by means of the tappet (12) up to a second opening angle (β), which is smaller than the first opening angle (α), and to automatically move the tappet (12) into the first position thereof immediately or in a time-delayed manner after the second position has been reached.

IPC 8 full level
F25D 23/02 (2006.01)

CPC (source: EP US)
E05F 15/616 (2015.01 - EP US); **F25D 23/028** (2013.01 - EP US); **E05Y 2201/221** (2024.05 - EP); **E05Y 2201/426** (2013.01 - EP US); **E05Y 2201/686** (2013.01 - EP US); **E05Y 2400/86** (2013.01 - EP US); **E05Y 2900/31** (2013.01 - EP US); **F25D 2323/024** (2013.01 - EP US)

Citation (examination)
DE 102006061083 A1 20080626 - BSH BOSCH SIEMENS HAUSGERÄTE [DE]

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)
WO 2015185604 A1 20151210; DE 102014210693 A1 20151217; EP 3152501 A1 20170412; EP 3152501 B1 20190911; PL 3152501 T3 20200430; US 10190815 B2 20190129; US 2017321953 A1 20171109

DOCDB simple family (application)
EP 2015062344 W 20150603; DE 102014210693 A 20140605; EP 15726168 A 20150603; PL 15726168 T 20150603; US 201515316187 A 20150603