

Title (en)

Automatic door closure for a domestic appliance

Title (de)

Automatischer Türverschluss für ein Haushaltsgerät

Title (fr)

Fermeture de porte automatique pour appareil électroménager

Publication

EP 2436864 B1 20160928 (DE)

Application

EP 11008578 A 20111026

Priority

EP 11008578 A 20111026

Abstract (en)

[origin: EP2436864A1] The domestic appliance has a component side arranged rod (5) which is linearly displaceably mounted between one position in which the rod is fully retracted, and another position in which the rod is completely extended. The door side is arranged with a rod linkable gripper. A device-side arranged drive (6) is provided for closing the door (2) with the retraction of the rod from the partially extended position to fully retracted position with the rod linkable gripper. An independent claim is included for method for actuation of door of domestic appliance.

IPC 8 full level

A47L 15/00 (2006.01); **A47L 15/42** (2006.01); **E05C 9/02** (2006.01); **E05F 15/611** (2015.01)

CPC (source: EP)

A47L 15/4259 (2013.01); **E05B 17/0029** (2013.01); **E05F 15/622** (2015.01); **E05C 19/026** (2013.01); **E05F 15/70** (2015.01); **E05Y 2201/214** (2013.01); **E05Y 2201/218** (2013.01); **E05Y 2201/236** (2013.01); **E05Y 2201/24** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2201/426** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2400/326** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2800/205** (2013.01); **E05Y 2800/22** (2013.01); **E05Y 2800/75** (2013.01); **E05Y 2900/304** (2013.01)

Cited by

DE102017213673A1; DE102017211855A1; DE102014106995A1; CN108661455A; CN107532436A; US2021348434A1; US11788340B2; US11391061B2; DE102014106995B4; US11337581B2; WO2016168538A1; WO2021238233A1; DE102017213673B4

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 2436864 A1 20120404; **EP 2436864 B1 20160928**; DK 2436864 T3 20170109; PL 2436864 T3 20170831; SI 2436864 T1 20170131

DOCDB simple family (application)

EP 11008578 A 20111026; DK 11008578 T 20111026; PL 11008578 T 20111026; SI 201131033 A 20111026