

Title (en)

DEVICE FOR GUIDING THE MOVEMENT OF A DOMESTIC-APPLIANCE DOOR, A DOMESTIC-APPLIANCE DOOR, A DOMESTIC APPLIANCE HAVING A DOMESTIC-APPLIANCE DOOR, AND A METHOD FOR ACTUATING A DOMESTIC-APPLIANCE DOOR

Title (de)

VORRICHTUNG ZUR BEWEGUNGSFÜHRUNG EINER HAUSGERÄTETÜR, HAUSGERÄTETÜR, HAUSGERÄT MIT EINER HAUSGERÄTETÜR UND VERFAHREN ZUM BETÄTIGEN EINER HAUSGERÄTETÜR

Title (fr)

DISPOSITIF DE GUIDAGE DE DÉPLACEMENT D'UNE PORTE D'APPAREIL MÉNAGER, PORTE D'APPAREIL MÉNAGER, APPAREIL MÉNAGER MUNI D'UNE PORTE ET PROCÉDÉ D'ACTIONNEMENT D'UNE PORTE D'APPAREIL MÉNAGER

Publication

**EP 2558668 B1 20170125 (DE)**

Application

**EP 11708036 A 20110311**

Priority

- DE 102010003897 A 20100413
- EP 2011053666 W 20110311

Abstract (en)

[origin: WO2011128161A1] The invention relates to a device for guiding the movement of a domestic-appliance door, having a hinge (10) which has a rotatably mounted articulation arm (20) and a spring-assisted push rod (35), movable relative to the articulation arm (20) and intended for assisting movement thereof, and which comprises a damper, wherein the push rod (35) is connected permanently to the damper (50, 52) along the movement path of the push rod, and a unit formed from the push rod and the damper can be moved relative to a stop of the device, and the unit is arranged such that, upon reaching a first movement position of the unit along the moving path thereof, the damper is moved, from a contact-free position in relation to the stop, into contact with the stop (60) and, in the in-contact position, any further movement of the push rod along the movement path is damped. The invention also relates to a method for guiding the movement of a domestic-appliance door.

IPC 8 full level

**E05F 1/12** (2006.01); **E05F 5/02** (2006.01); **F24C 15/02** (2006.01)

CPC (source: EP)

**E05F 1/1261** (2013.01); **E05F 5/02** (2013.01); **F24C 15/023** (2013.01); **E05Y 2201/21** (2013.01); **E05Y 2201/256** (2013.01); **E05Y 2201/264** (2013.01); **E05Y 2201/412** (2013.01); **E05Y 2600/456** (2013.01); **E05Y 2600/46** (2013.01); **E05Y 2900/308** (2013.01)

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)

**DE 102010003897 A1 20111013**; EP 2558668 A1 20130220; EP 2558668 B1 20170125; PL 2558668 T3 20170531; WO 2011128161 A1 20111020

DOCDB simple family (application)

**DE 102010003897 A 20100413**; EP 11708036 A 20110311; EP 2011053666 W 20110311; PL 11708036 T 20110311