

Title (en)
SYSTEM TO CONTROL THE CLOSING OF A DOOR OF A HOUSEHOLD APPLIANCE, IN PARTICULAR FOR A WASHING MACHINE, SUCH AS A DISHWASHER

Title (de)
SYSTEM ZUR STEUERUNG DES SCHLIESSENS EINER TÜR EINES HAUSHALTSGERÄTS, INSBESONDERE FÜR EINE WASCHMASCHINE, WIE ETWA EIN GESCHIRRSPÜLER

Title (fr)
SYSTÈME POUR COMMANDER LA FERMETURE D'UNE PORTE D'UN APPAREIL MÉNAGER, EN PARTICULIER POUR UNE MACHINE DE LAVAGE, TELLE QU'UN LAVE-VAISSELLE

Publication
EP 3307132 B1 20190313 (EN)

Application
EP 16739562 A 20160609

Priority
• IT UB20151284 A 20150610
• IB 2016053394 W 20160609

Abstract (en)
[origin: WO2016199056A1] The system (10; 110) is designed to control the closing of a door of a casing of a household appliance. The system (10; 110) comprises: an engagement element (11), which, in turn, comprises a support body (12), which is intended to be fitted on the casing (C); a striker (14), for being coupled, in a releasable manner, to a retaining element (16), and is mounted so as to move, relative to the support body (12), between a retracted position and an extracted position; a moving means (20) comprising a bidirectional motor (22) and a transmission mechanism (24), operated by the motor (22) and cooperates with the striker (14). The motor (22) is designed to selectively deliver to the transmission mechanism (24) a pre-opening torque, which is oriented in a direction of rotation (R1) that allows the striker (14) to be brought from the retracted position to the extracted position, and, respectively, a return torque, which is oriented in an opposite direction of rotation that allows the striker (14) to be brought from the extracted position to the retracted position.

IPC 8 full level
A47L 15/00 (2006.01); **A47L 15/42** (2006.01); **A47L 15/48** (2006.01)

CPC (source: EP)
A47L 15/4259 (2013.01); **A47L 15/0034** (2013.01); **A47L 15/488** (2013.01); **A47L 2501/22** (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)
WO 2016199056 A1 20161215; EP 3307132 A1 20180418; EP 3307132 B1 20190313; PL 3307132 T3 20190930; TR 201904841 T4 20190521

DOCDB simple family (application)
IB 2016053394 W 20160609; EP 16739562 A 20160609; PL 16739562 T 20160609; TR 201904841 T 20160609