

Title (en)
A DOOR OPENING SYSTEM

Title (de)
TÜRÖFFNUNGSSYSTEM

Title (fr)
SYSTÈME D'OUVERTURE DE PORTE

Publication
EP 2996534 B1 20180808 (EN)

Application
EP 14721843 A 20140505

Priority
• TR 201305873 A 20130516
• EP 2014059034 W 20140505

Abstract (en)
[origin: WO2014184018A1] The inventive door opening system is suitable for use in a washer (M) comprising a body (B), a door (D) which is moved into a closed position or an opened position and a hinge (H) which connects the door (D) to the body (B) in a movable manner, and it moves allows travel of the door (D) from closed to open position. The said door opening system comprises a skid mechanism (3) comprising a skid body (5); a gear wheel (7) located inside the skid body (5); at least a movable arm (6), one side of which is in the form of a rack contacting with the gear wheel (7) and one side of which moves away from or gets close to the skid body (5) by means of the movement of the gear wheel (7); a displacement member (9) which moves the gear wheel (7); a movement transfer member (8) which transfers the movement of the displacement member (9) to the gear wheel (7), and a flexible member (10) which is located between the skid body (5) and the displacement member (9) and which exerts force upon the displacement member (9) in the direction of the said gear wheel (7).

IPC 8 full level
A47L 15/42 (2006.01)

CPC (source: EP)
A47L 15/4259 (2013.01); **A47L 15/4261** (2013.01); **A47L 15/0034** (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 2014184018 A1 20141120; EP 2996534 A1 20160323; EP 2996534 B1 20180808

DOCDB simple family (application)
EP 2014059034 W 20140505; EP 14721843 A 20140505