

Title (en)
WASHING MACHINE

Title (de)
WASCHMASCHINE

Title (fr)
MACHINE À LAVER

Publication
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Application
EP 16838583 A 20160825

Priority
• JP 2015166226 A 20150825
• CN 2016096688 W 20160825

Abstract (en)
[origin: EP3342913A1] The present invention provides a washing machine (1) which can prevent a situation of damaging surrounding members due to a member of a driving mechanism (8) for rotating a washing drum (3), wherein the washing drum (3) can rotate in a manner of intersecting a perpendicular direction. A rotating part (6) is connected with the washing drum (3) in a manner of integral rotation. A nut member (35) is connected with the rotating part (6), and is in threaded connection with a threaded shaft (32), and moves along a front-rear direction (Y) along with rotation of the threaded shaft (32), so that the rotating part (6) rotates. A supporting part (31) for supporting the threaded shaft (32) in a manner of rotation is fixed to a base part (30). A detected part (52) arranged on the nut member (35) and configured to detect a rotating angle of the rotating part (6) is detected by a sensor (36). A rotation-stopping protrusion (51D) arranged on the nut member (35) is incorporated into a limiting part (38C) formed on the base part (30) and extending along the front-rear direction (Y) in a shape of a straight line.

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Citation (search report)
• [Y] US 5327603 A 19940712 - ROH YANG H [KR], et al
• [Y] WO 2007108311 A1 20070927 - MITSUBISHI ELECTRIC CORP [JP], et al
• [A] CN 103015119 A 20130403 - HAIER GROUP CO LTD, et al
• [A] DE 102004002585 A1 20050804 - KANNEGIESSER H GMBH CO [DE]
• See references of WO 2017032325A1

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