

Title (en)
Drum-type washing machine

Title (de)
Trommelwaschmaschine

Title (fr)
Machine à laver de type tambour

Publication
EP 2447407 A2 20120502 (EN)

Application
EP 11184193 A 20111006

Priority
JP 2010241647 A 20101028

Abstract (en)
A drum-type washing machine of the present invention includes a rotary drum (1); a water tank (3) including the rotary drum (1); a drum pulley (6) securely installed on a rotation shaft (4) of the rotary drum (1); a motor (5) fixed to an outer bottom portion of the water tank (8); a belt (7) that transmits rotation of the motor (5) to the drum pulley (6); a number-of-rotations detection unit (22) for detecting a number of rotations of the motor (5); a lid (11) for opening/closing an opening part of the rotary drum (1); a lid locking device (12) for locking the lid (11) in a closed state; and a controller (17) for executing each process of at least a washing process, a rinsing process, and a dehydrating process. The controller (17) executes control by determining that the belt (7) is broken or disengaged from the drum pulley (6) according to any of a stopping time and the number of rotations of the motor (5).

IPC 8 full level
D06F 37/22 (2006.01); **D06F 37/30** (2020.01); **D06F 37/42** (2006.01); **D06F 58/08** (2006.01); **D06F 34/08** (2020.01)

CPC (source: EP US)
D06F 37/30 (2013.01 - EP US); **D06F 37/42** (2013.01 - EP US); **D06F 34/08** (2020.02 - EP US); **D06F 2103/24** (2020.02 - EP US); **D06F 2103/38** (2020.02 - EP US); **D06F 2105/62** (2020.02 - EP US)

Citation (applicant)
• JP H08215493 A 19960827 - SANYO ELECTRIC CO
• JP H11179099 A 19990706 - TOSHIBA CORP
• JP H11114294 A 19990427 - TOSHIBA CORP, et al

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EP3474429A1; EP3664265A1; CN111270496A; EP3836371A1; US11165321B2; US11136705B2; EP4151793A1; BE1029774B1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2447407 A2 20120502; **EP 2447407 A3 20150805**; **EP 2447407 B1 20171227**; CN 102465422 A 20120523; CN 102465422 B 20130911; JP 2012090831 A 20120517; JP 5573596 B2 20140820; TW 201217599 A 20120501; TW I461585 B 20141121

DOCDB simple family (application)
EP 11184193 A 20111006; CN 201110337557 A 20111028; JP 2010241647 A 20101028; TW 100134576 A 20110926