

Title (en)
Drum-type washing machine

Title (de)
Trommelwaschmaschine

Title (fr)
Machine à laver de type tambour

Publication
EP 2447407 B1 20171227 (EN)

Application
EP 11184193 A 20111006

Priority
JP 2010241647 A 20101028

Abstract (en)
[origin: EP2447407A2] 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
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CPC (source: EP US)
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Cited by
US11165321B2; EP3474429A1; EP3664265A1; CN111270496A; EP3836371A1; US11136705B2; EP4151793A1; BE1029774B1

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