

Title (en)
DRUM-TYPE WASHING MACHINE

Title (de)
TROMMELWASCHMASCHINE

Title (fr)
MACHINE À LAVER DU TYPE À TAMBOUR

Publication
EP 2752515 A4 20140924 (EN)

Application
EP 12828918 A 20120314

Priority
• JP 2011191329 A 20110902
• JP 2011191335 A 20110902
• JP 2011195814 A 20110908
• JP 2012001756 W 20120314

Abstract (en)
[origin: EP2752515A1] A drum-type washing machine includes a drum drive unit (4) that rotationally drives a drum (3), and a controller (30) that receives an output from a dirt detector (18) serving as a state detector that detects a state of laundry in the drum for which dirt of the laundry in the drum is detected, and sequentially controls steps including washing, rinsing, and spin-drying steps. The washing step includes an agitating step for rotating the drum (3) at a low speed which does not stick the laundry to the inside of the drum (3), and a centrifugal cleaning step for rotating the drum (3) at a high speed which stick the laundry to an inner peripheral wall surface of the drum (3) to discharge washing water from the laundry by centrifugal force, and the controller (30) changes a rotational speed of the drum in the centrifugal cleaning step according to the output from the dirt detector (18).

IPC 8 full level
D06F 25/00 (2006.01); **D06F 33/02** (2006.01); **D06F 33/32** (2020.01); **D06F 34/22** (2020.01)

CPC (source: CN EP US)
D06F 33/32 (2020.02 - CN EP US); **D06F 34/22** (2020.02 - CN EP US); **D06F 2103/02** (2020.02 - CN EP US);
D06F 2103/04 (2020.02 - CN EP US); **D06F 2103/20** (2020.02 - CN EP US); **D06F 2105/42** (2020.02 - CN EP US);
D06F 2105/48 (2020.02 - CN EP US)

Citation (search report)
• [XY] EP 1852537 A2 20071107 - BRANDT IND SAS [FR]
• [YD] JP H11114278 A 19990427 - MATSUSHITA ELECTRIC IND CO LTD
• [A] EP 2228479 A1 20100915 - MIELE & CIE [DE]
• [AD] JP H08299658 A 19961119 - TOSHIBA CORP, et al
• [A] EP 2192223 A2 20100602 - SAMSUNG ELECTRONICS CO LTD [KR]
• See references of WO 2013031050A1

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CN114197155A; EP3214219A4; EP4012092A1; FR3117134A1; US10196769B2

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)
EP 2752515 A1 20140709; EP 2752515 A4 20140924; EP 2752515 B1 20190508; CN 103906871 A 20140702; CN 103906871 B 20160601;
WO 2013031050 A1 20130307

DOCDB simple family (application)
EP 12828918 A 20120314; CN 201280053824 A 20120314; JP 2012001756 W 20120314