

Title (en)
DRUM-TYPE WASHING MACHINE

Title (de)
TROMMELWASCHMASCHINE

Title (fr)
MACHINE À LAVER DU TYPE À TAMBOUR

Publication
EP 2754744 A1 20140716 (EN)

Application
EP 12830481 A 20120830

Priority
• JP 2011192678 A 20110905
• JP 2012005477 W 20120830

Abstract (en)
A washing machine includes: a water tub for storing washing water; a rotary tub located so as to be rotatable in the water tub and having a front end provided with an opening; a motor for driving the rotary tub; a circulating water channel for circulating the washing water in the water tub to the rotary tub; a pump for transferring the washing water in the water tub to the circulating water channel; a nozzle channel having a substantially circular shape, being in communication with the circulating water channel, and provided outside a peripheral edge of the opening of the rotary tub; a plurality of nozzles provided on the nozzle channel, for jetting the washing water transferred by the pump toward an inside of the rotary tub; and a controller for driving the motor and the pump to execute a washing process. The washing process includes a first rotation step of rotating at a speed that does not allow a washing target in the rotary tub to be stuck to an inner peripheral wall of the rotary tub, and a second rotation step of rotating at a speed that allows the washing target in the rotary tub to be stuck to the inner peripheral wall of the rotary tub. The controller drives the pump in the second rotation step, to supply the washing water to the washing target stuck to the inner peripheral wall of the rotary tub.

IPC 8 full level
D06F 39/08 (2006.01); **D06F 25/00** (2006.01); **D06F 33/02** (2006.01)

CPC (source: CN EP US)
D06F 35/006 (2013.01 - CN EP US); **D06F 39/083** (2013.01 - CN EP US); **D06F 39/088** (2013.01 - CN EP US)

Cited by
EP3505670A1; EP3933090A1; EP3505668A1; US11131053B2; US11572649B2

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 2754744 A1 20140716; **EP 2754744 A4 20150121**; **EP 2754744 B1 20161116**; CN 103620105 A 20140305; CN 103620105 B 20160706; JP 2013052123 A 20130321; JP 5919488 B2 20160518; WO 2013035277 A1 20130314

DOCDB simple family (application)
EP 12830481 A 20120830; CN 201280031346 A 20120830; JP 2011192678 A 20110905; JP 2012005477 W 20120830