

Title (en)  
DRUM-TYPE WASHING MACHINE

Title (de)  
TROMMELWASCHMASCHINE

Title (fr)  
MACHINE À LAVER À TAMBOUR

Publication  
**EP 2781640 A4 20150225 (EN)**

Application  
**EP 12850049 A 20121108**

Priority  
• JP 2011248318 A 20111114  
• JP 2012007178 W 20121108

Abstract (en)  
[origin: EP2781640A1] A drum-type washing machine according to the present invention includes: a rotary drum which is formed in a bottomed cylindrical shape; a water tub which houses the rotary drum; a water circulation system which causes a circulation pump to circulate washing water in the water tub through a circulation path connected to the water tub; a motor which drives the rotary drum; a load detector which detects a load on the circulation pump; and a controller which controls at least one of a washing step and a rinsing step. Further, when the load detector detects a predetermined change in load of the circulation pump while the motor and the circulation pump are being driven, the controller stops driving the motor and stops a function of the circulation pump. Consequently, it is possible to prevent bubbles and air from entering the circulation pump, and prevents excessive bubbling or noise from being caused.

IPC 8 full level  
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Citation (search report)  
• [A] JP 2011041741 A 20110303 - TOSHIBA CORP, et al  
• [A] JP 2009261673 A 20091112 - TOSHIBA CORP, et al  
• [A] EP 2169105 A1 20100331 - PANASONIC CORP [JP]  
• See references of WO 2013073140A1

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