Title (en)
WASHING MACHINE AND RINSING METHOD USING SAME

Title (de)
WASCHMASCHINE UND SPÜLVERFAHREN DAMIT

Title (fr)
MACHINE À LAVER ET PROCÉDÉ DE RINÇAGE L'UTILISANT

Publication
EP 2754743 B1 20160525 (EN)

Application
EP 12829488 A 20120830

Priority
- JP 2011192682 A 20110905
- JP 2012005479 W 20120830

Abstract (en)
[origin: EP2754743A1] A washing machine includes a rotary drum, a water tub, a water supplier for supplying water into the water tub, a water level detector for detecting water level of washing water in the water tub, and a circulating pump capable of rotating at a variable rotational speed. The washing machine further includes a water circulation system for circulating the washing water in the water tub into the rotary drum with the circulating pump, and a controller for controlling the rotational speed of the circulating pump. In a rinsing process, the controller also drives to rotate the circulating pump at a first rotational speed (S3) before the water level detector detects the water level (S4), and drives to rotate the circulating pump at a second rotational speed faster than the first rotational speed (S7) after the water supplier starts water supply (S5) and after the water level detector detects that the water level of the washing water is not lower than predetermined water level (S6).

IPC 8 full level
D06F 35/00 (2006.01); **D06F 33/34** (2020.01)

CPC (source: CN EP US)
D06F 33/34 (2020.02 - CN EP US); **D06F 35/005** (2013.01 - CN); **D06F 35/006** (2013.01 - CN EP US); D06F 39/085 (2013.01 - CN EP US); D06F 2103/18 (2020.02 - CN EP US); D06F 2105/02 (2020.02 - CN EP US)

Cited by
EP3505666A1; CN108342877A; EP3505669A1; RU2673307C1; EP4095307A1; EP3995616A4; US11898292B2; EP3290572A1; WO2019210974A1; WO2017021101A1; US11578446B2; US11408115B2; EP3683344A1; CN111434823A; EP3875668A4; US11408107B2

Designated contracting state (EPC)
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EP 2754743 A1 20140716; **EP 2754743 A4 20150304**; **EP 2754743 B1 20160525**; CN 103620103 A 20140305; CN 103620103 B 20160224; JP 2013052127 A 20130321; JP 5873968 B2 20160301; WO 2013035279 A1 20130314

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