

Title (en)

MULTI-DRUM WASHING MACHINE WATER-DRAINING METHOD

Title (de)

WASSERABFLUSSVERFAHREN FÜR EINE WASCHMASCHINE MIT MEHREREN TROMMELN

Title (fr)

PROCÉDÉ DE VIDAGE D'EAU DE MACHINE À LAVER À PLUSIEURS TAMBOURS

Publication

EP 3351673 B1 20210728 (EN)

Application

EP 16845725 A 20160914

Priority

- CN 201510593838 A 20150917
- CN 2016099027 W 20160914

Abstract (en)

[origin: EP3351673A1] A drainage control method for multi-drum washing machine, the multi-drum washing machine comprises at least two washing devices and a drainage pump communicating with the outside. Between each washing device and the drainage pump is respectively provided with a drainage valve. Each washing device of the multi-drum washing machine drains water sequentially. When a washing device completes the drainage, first, the drainage valve of the washing machine is closed, and then the drainage pump is turned off. It is detected whether or not other washing device requires drainage, and if yes, first the drainage valve of the washing device requiring drainage is opened, and then the drainage pump is turned on for the washing device draining water, and if no, the drainage of the multi-drum washing machine ends. The disclosure controls sequential drainage of each washing device, reducing vibration of a washing machine in the drainage process. Moreover, by controlling and determining an operating time sequence of a drainage pump, the disclosure thoroughly drains water in a multi-drum washing machine, extending washing machine service life. The disclosure has a simple structure, low costs, and is suitable for production and promotion.

IPC 8 full level

D06F 31/00 (2006.01); **D06F 33/42** (2020.01); **D06F 39/08** (2006.01); **D06F 103/14** (2020.01); **D06F 103/38** (2020.01); **D06F 105/08** (2020.01)

CPC (source: CN EP KR US)

D06F 29/00 (2013.01 - KR US); **D06F 31/00** (2013.01 - EP KR US); **D06F 33/42** (2020.02 - CN EP KR US); **D06F 37/22** (2013.01 - KR); **D06F 39/083** (2013.01 - CN EP KR US); **D06F 2103/14** (2020.02 - CN EP KR US); **D06F 2103/18** (2020.02 - CN EP KR US); **D06F 2103/38** (2020.02 - EP KR US); **D06F 2105/08** (2020.02 - CN EP KR US)

Citation (examination)

KR 20060086011 A 20060731 - LG ELECTRONICS INC [KR]

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 3351673 A1 20180725; **EP 3351673 A4 20181010**; **EP 3351673 B1 20210728**; CN 106544828 A 20170329; CN 106544828 B 20190827; JP 2018527121 A 20180920; JP 6718579 B2 20200708; KR 102104466 B1 20200424; KR 20180045031 A 20180503; US 2018251931 A1 20180906; WO 2017045611 A1 20170323

DOCDB simple family (application)

EP 16845725 A 20160914; CN 201510593838 A 20150917; CN 2016099027 W 20160914; JP 2018514440 A 20160914; KR 20187010446 A 20160914; US 201615760446 A 20160914