

Title (en)

DRUM TYPE WASHING MACHINE AND CONTROL METHOD AND CONTROL APPARATUS THEREOF, AND STORAGE MEDIUM

Title (de)

TROMMELWASCHMASCHINE UND STEUERVERFAHREN UND STEUERVORRICHTUNG DAFÜR SOWIE SPEICHERMEDIUM

Title (fr)

MACHINE À LAVER À TAMBOUR, PROCÉDÉ DE COMMANDE ET APPAREIL DE COMMANDE ASSOCIÉS ET SUPPORT D'ENREGISTREMENT

Publication

EP 3786332 A1 20210303 (EN)

Application

EP 20186029 A 20200715

Priority

CN 201910809994 A 20190829

Abstract (en)

Disclosed are a drum type washing machine and a control method and control apparatus thereof, and a storage medium. The method includes: determining that the drum type washing machine enters a washing stage, and controlling, based on a first control parameter, the drum type washing machine for washing, the first control parameter being configured to control formation of a water film having a set thickness between an inner wall surface of an inner drum of the drum type washing machine and laundry, thereby reducing the wear on the laundry. The water film may separate the laundry in the inner drum from an inner wall of the inner drum, and the laundry is supported through a pressure of the water film, thereby avoiding direct rubbing between the laundry and the inner wall of the inner drum to reduce the wear on the laundry.

IPC 8 full level

D06F 33/36 (2020.01); **D06F 103/06** (2020.01); **D06F 103/18** (2020.01); **D06F 105/02** (2020.01); **D06F 105/48** (2020.01)

CPC (source: CN EP)

D06F 33/36 (2020.02 - EP); **D06F 37/02** (2013.01 - CN); **D06F 2103/06** (2020.02 - EP); **D06F 2103/18** (2020.02 - EP); **D06F 2105/02** (2020.02 - EP); **D06F 2105/48** (2020.02 - EP)

Citation (search report)

- [X] EP 1860225 A1 20071128 - KYOTOSANGYO KK [JP]
- [A] CN 106480644 A 20170308 - QINGDAO HAIER WASHING MACH CO, et al
- [A] WO 2018124786 A2 20180705 - LG ELECTRONICS INC [KR]

Cited by

CN114875629A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 3786332 A1 20210303; **EP 3786332 B1 20240424**; **EP 3786332 C0 20240424**; CN 110670301 A 20200110; CN 110670301 B 20220311

DOCDB simple family (application)

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