

Title (en)
WASHING MACHINE

Title (de)
WASCHMASCHINE

Title (fr)
LAVE-LINGE

Publication
EP 3824129 A4 20210901 (EN)

Application
EP 19868710 A 20191001

Priority
• JP 2018187326 A 20181002
• KR 20190090121 A 20190725
• KR 2019012849 W 20191001

Abstract (en)
[origin: JP2020054628A] To measure accurately in a short time an amount of laundry put in various types of washing machines.SOLUTION: The washing machine comprises a rotary tub 9 into which laundry is put, a driving device 6 for rotating the rotary tub 9, a controller 20 for controlling the driving device 6 and measuring a weight of laundry put in the rotary tub 9. Processing of rotating the rotary tub 9 accommodating laundry is executed by applying a fixed torque and a weight of the laundry is measured based on acceleration and a rotational speed during rotation at an equal speed of the rotary tub 9.SELECTED DRAWING: Figure 6

IPC 8 full level
D06F 34/18 (2020.01); **D06F 23/04** (2006.01); **D06F 37/24** (2006.01); **D06F 37/36** (2006.01); **D06F 103/24** (2020.01); **D06F 105/00** (2020.01); **D06F 105/48** (2020.01)

CPC (source: EP KR)
D06F 33/44 (2020.02 - KR); **D06F 34/18** (2020.02 - EP KR); **D06F 37/24** (2013.01 - KR); **D06F 37/304** (2013.01 - KR); **D06F 37/36** (2013.01 - KR); **D06F 23/04** (2013.01 - EP); **D06F 37/24** (2013.01 - EP); **D06F 37/36** (2013.01 - EP); **D06F 2103/04** (2020.02 - KR); **D06F 2103/24** (2020.02 - EP KR); **D06F 2103/46** (2020.02 - KR); **D06F 2105/00** (2020.02 - EP); **D06F 2105/48** (2020.02 - EP KR)

Citation (search report)
• [X] EP 2090870 A2 20090819 - GEN ELECTRIC [US]
• [X] EP 1605087 A1 20051214 - TOSHIBA KK [JP], et al
• [XA] US 2016369446 A1 20161222 - LEONARD RYAN ELLIS [US], et al
• [XA] DE 19857903 A1 19990617 - MIELE & CIE [DE]
• See references of WO 2020071739A1

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)
CN 112805432 A 20210514; CN 112805432 B 20230228; EP 3824129 A1 20210526; EP 3824129 A4 20210901; EP 3824129 B1 20231206; JP 2020054628 A 20200409; KR 20200038406 A 20200413

DOCDB simple family (application)
CN 201980065291 A 20191001; EP 19868710 A 20191001; JP 2018187326 A 20181002; KR 20190090121 A 20190725