

Title (en)
DRUM WASHING MACHINE

Title (de)
TROMMELWASCHMASCHINE

Title (fr)
MACHINE À LAVER À TAMBOUR

Publication
EP 3988706 A4 20220824 (EN)

Application
EP 20827676 A 20200611

Priority
• CN 201910531445 A 20190619
• CN 2020095503 W 20200611

Abstract (en)
[origin: EP3988706A1] A drum washing machine comprises: a drum (8) provided with a washing chamber capable of independently containing washing water; a drum drainage port (16) arranged on the drum (8); a drainage sealing device mounted on the drum drainage port (16) to control the opening and closing of the drum drainage port; and a water collecting device (6) provided with a water collecting chamber (28) for collecting the washing water drained from the drum drainage port (16). The drum of the drum washing machine is of the non-hole drum, the drum (8) independently contains washing water during washing, no water exists between the drum (8) and a tub, the possibility that dirt is attached to a space between the drum (8) and the tub is avoided, user's health and user experience are greatly improved. Meanwhile, according to the structure of the non-hole drum, dewatering holes are not formed in the wall of the drum (8) any more, and only the fixed drum drainage port (16) is arranged, the water collecting device (6) is arranged to collect water drained from the drum drainage port (16), washing water in the drum (8) is drained and collected, then the washing water is drained by the water collecting device (6), and a tub arranged outside an existing drum (8) can be omitted.

IPC 8 full level
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CPC (source: CN EP)
D06F 23/025 (2013.01 - CN); **D06F 37/04** (2013.01 - CN EP); **D06F 39/083** (2013.01 - CN EP); **D06F 23/025** (2013.01 - EP);
D06F 37/065 (2013.01 - EP)

Citation (search report)
• [XA] WO 2018205934 A1 20181115 - QINGDAO HAIER DRUM WASHING MACHINE CO LTD [CN]
• [A] EP 2886698 A1 20150624 - DONGBU DAEWOO ELECTRONICS CORP [KR]
• [A] WO 2018196846 A1 20181101 - QINGDAO HAIER WASHING MACH CO [CN], et al
• See also references of WO 2020253600A1

Cited by
EP4353893A1

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 3988706 A1 20220427; **EP 3988706 A4 20220824**; CN 112111909 A 20201222; CN 112111909 B 20220923; WO 2020253600 A1 20201224

DOCDB simple family (application)
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