

Title (en)
A DRUM TYPE WASHING MACHINE

Title (de)
TROMMELWASCHMASCHINE

Title (fr)
MACHINE À LAVER À TAMBOUR

Publication
EP 3904583 A1 20211103 (EN)

Application
EP 21166183 A 20210331

Priority
CN 202020702820 U 20200430

Abstract (en)
The present application discloses a drum washing machine, including a rotatable drum (1) and a tub (2) accommodating the drum (1), wherein the tub (2) is provided with a laundry input opening (22) located at an end in an axial direction, a wrinkled gasket (4) made of an elastic material is disposed around the laundry input opening (22), a bottom of the gasket (4) is provided with a drain hole (41) in communication with an interior of the tub (2), the drain hole (41) is connected to a drain pipe (5), the drain pipe (5) has an inlet (51) and an outlet (52), and the outlet (52) is located downstream of the inlet (51) relative to a spin direction of the drum. When the drum washing machine performs drying at a high speed, an annular air flow circuit is formed between the drum and tub, so that negative pressure is formed in the drain pipe, and water located at the bottom of the gasket is sucked into the drain pipe and drained through the outlet.

IPC 8 full level
D06F 37/26 (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP)
D06F 37/266 (2013.01); **D06F 37/267** (2013.01); **D06F 39/083** (2013.01)

Citation (search report)
• [X] EP 1219742 A2 20020703 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [X] KR 20070000194 A 20070102 - DAEWOO ELECTRONICS CORP [KR]
• [A] US 5970753 A 19991026 - JOHNSON TROY A [US], et al
• [A] US 2004148978 A1 20040805 - KIM KWANG SOO [KR], et al

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 3904583 A1 20211103; CN 212800899 U 20210326

DOCDB simple family (application)
EP 21166183 A 20210331; CN 202020702820 U 20200430