

Title (en)
Drum type washing machine

Title (de)
Trommelwaschmaschine

Title (fr)
Machine à laver de type tambour

Publication
EP 2216438 A1 20100811 (EN)

Application
EP 10150045 A 20100104

Priority
JP 2009021180 A 20090202

Abstract (en)
A drum type washing machine including a rotary drum (1), a water receiving tank (2) elastically supported by the washing machine main body (6) and rotatably incorporating the rotary drum (1), a motor (4) for rotating and driving the rotary drum (1), a water feeding part (10) for feeding washing water into the water receiving tank (2), a water level detector (11) for detecting the water level of the washing water, a water discharging part (9) for discharging the washing water, an input setting and display part (13) for setting the strokes of washing, rinsing, and dewatering, a water leak detector (14) for detecting water leak in the washing machine main body (6) provided in the bottom plate (21) in the lower part of the washing machine main body (6), and a control part (12) for controlling the motor (4), the water feeding part (10), the water level detector (11), and the water discharging part (9) based on the stroke setting determined by the input setting and display part (13), thereby executing the washing operation, in which the control part (12) stops the washing operation and notices abnormality when water leak is detected by the water leak detector (14).

IPC 8 full level
D06F 39/08 (2006.01); **D06F 33/47** (2020.01)

CPC (source: EP US)
D06F 33/47 (2020.02 - EP US); **D06F 39/081** (2013.01 - EP US); **D06F 39/083** (2013.01 - EP US); **D06F 39/087** (2013.01 - EP US); **D06F 39/088** (2013.01 - EP US); **D06F 2103/18** (2020.02 - EP US); **D06F 2105/60** (2020.02 - EP US)

Citation (applicant)
GB 2166645 A 19860514 - BOSCH SIEMENS HAUSGERAETE

Citation (search report)
• [A] GB 2166645 A 19860514 - BOSCH SIEMENS HAUSGERAETE
• [A] EP 1350881 A1 20031008 - WHIRLPOOL CO [US]
• [A] GB 2156389 A 19851009 - BOSCH SIEMENS HAUSGERAETE

Citation (examination)
• EP 1213384 A2 20020612 - TOSHIBA KK [JP]
• EP 1666654 A2 20060607 - INDESIT CO SPA [IT]

Cited by
CN108716083A; EP3376338A4; US2018356866A1; JP2021517476A; EP3376339A4; US2018363994A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
EP 2216438 A1 20100811; **EP 2216438 A8 20110330**; CN 101792962 A 20100804; CN 101792962 B 20111102; JP 2010172640 A 20100812; RU 2416683 C1 20110420

DOCDB simple family (application)
EP 10150045 A 20100104; CN 201010108557 A 20100129; JP 2009021180 A 20090202; RU 2010103245 A 20100201