

Title (en)
Front-loading laundry washing machine

Title (de)
Waschmaschine mit Fronteinschub

Title (fr)
Machine à laver à chargement frontal

Publication
EP 2280108 A1 20110202 (EN)

Application
EP 10170437 A 20100722

Priority
IT TO20090569 A 20090727

Abstract (en)
Front-loading laundry washing machine (1) having a drum (4) with a substantially cylindrical skirt (20) having one or more arrays of holes (21), a rear wall (22), and a front wall (23), formed in which is the front opening (4A) of the drum (4). The skirt (20) has a plurality of lifter elements (30,40) that extend in length in a direction of depth of the drum (4), among which at least one first lifter element (30) formed integrally with the skirt (20) and comprising at least one drawn indentation (31,32) of the skirt itself, and one second lifter element (40), each lifter element (30,40) having a front end region and a rear end region. The at least one first lifter element (30) and the second lifter element (40) have different heights, understood as the distance between the top of the lifter element (30,40) and the skirt (20), the height of the at least one first lifter element (30) being less than the height of the second lifter element (40). The front end region of the at least one first lifter element (30) is further away from the front wall (23) of the drum (4) than from the front end region of the second lifter element (40).

IPC 8 full level
D06F 37/04 (2006.01); **D06F 37/06** (2006.01)

CPC (source: EP)
D06F 37/04 (2013.01); **D06F 37/06** (2013.01)

Citation (applicant)
• WO 0212612 A1 20020214 - ARCELIK AS [TR], et al
• EP 0244365 A1 19871104 - MERLONI ELETTRODOMESTICI SPA [IT]

Citation (search report)
• [A] FR 2255411 A1 19750718 - BOSCH SIEMENS HAUSGERAETE [DE]
• [AD] WO 0212612 A1 20020214 - ARCELIK AS [TR], et al
• [A] WO 2004005603 A1 20040115 - BSH BALAY SA [ES], et al
• [A] DE 1827413 U 19610302 - SIEMENS ELEKTROGERAETE GMBH [DE]
• [AD] EP 0244365 A1 19871104 - MERLONI ELETTRODOMESTICI SPA [IT]

Cited by
US2021355622A1; JP2021534910A; CN112639203A; JP2021534891A; US10508377B2; US11198966B2; US11952703B2; WO2020045887A1

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 SE SI SK SM TR

Designated extension state (EPC)
BA ME RS

DOCDB simple family (publication)
EP 2280108 A1 20110202; EP 2280108 B1 20120711; IT 1394949 B1 20120727; IT TO20090569 A1 20110128; PL 2280108 T3 20130329

DOCDB simple family (application)
EP 10170437 A 20100722; IT TO20090569 A 20090727; PL 10170437 T 20100722