

Title (en)
Front-loading clothes washing machine

Title (de)
Frontbeschickbare Waschmaschine

Title (fr)
Machine à laver à chargement frontal

Publication
EP 1321559 A1 20030625 (EN)

Application
EP 02425373 A 20020607

Priority
• EP 02425373 A 20020607
• EP 01830785 A 20011220

Abstract (en)
Front-loading clothes washing machine comprising a container having a front wall with a loading aperture (111), a removable door (121) able to close the loading aperture, a washing tub (112) mounted inside the container and having an aperture (117) facing towards the front wall of the container, a loading drum (15) for the clothes to be washed, the drum being mounted in the washing tub (112) in such a way that it can rotate about a horizontal axis and having an aperture (16) aligned with the aperture of the tub (117) and with the loading aperture (111), a connecting duct (120) between the aperture (117) of the washing tub and the loading aperture (111) comprising a bellows-like elastic joint (120a). The machine can take a larger load because of the fact that the space comprised within the connecting duct (120) can be used as an extension of the loading space because it includes at least one substantially rigid annular band (120b) that at least partly covers the elastic joint (120a). <IMAGE>

IPC 1-7
D06F 37/26

IPC 8 full level
D06F 37/26 (2006.01)

CPC (source: EP)
D06F 37/266 (2013.01)

Citation (search report)
• [XA] US 5860300 A 19990119 - VALENT LUCIO [IT]
• [A] DE 9202138 U1 19921022
• [A] GB 2296018 A 19960619 - ELECTROLUX ZANUSSI ELETTRODOME [IT]
• [A] EP 1069228 A2 20010117 - CANDY SPA [IT]
• [A] DE 4220018 A1 19931223 - MIELE & CIE [DE]

Cited by
EP1522623A1; KR100484837B1; EP4276233A4; EA015118B1; DE102007009509B4; US8528223B2; US8607473B2; EP1544344A1; GB2382821B; EP2453053A1; CN103348054A; AU2011331400B2; WO2008104420A1; WO2012065801A1; US7263863B2; US9637855B2; KR101010080B1; US9869048B2; US10793989B2; US11401646B2; WO2021014152A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 1321559 A1 20030625; EP 1321559 B1 20081203

DOCDB simple family (application)
EP 02425373 A 20020607