

Title (en)
WASHING MACHINE WITH A SEALING GASKET

Title (de)
WASCHMASCHINE MIT EINER DICHTUNGSMANSCHETTE

Title (fr)
LAVE-LINGE AVEC UN JOINT D'ETANCHEITE

Publication
EP 2649230 A2 20131016 (DE)

Application
EP 11794084 A 20111202

Priority
• DE 102010062590 A 20101208
• EP 2011071624 W 20111202

Abstract (en)
[origin: WO2012076410A2] The invention relates to a sealing collar (1) for a washing machine, which is essentially embodied in a hollow-cylindrical manner and is provided on the periphery thereof to surround a loading and unloading opening (2) of the washing machine, and is also designed to be fixed by means of a first end (3) to a front housing wall (4) of the washing machine. As a result the loading and unloading opening (2) can be closed by means of a pivotable porthole shaped door (16), and a lip seal (19) is disposed in the region of the first end (3) on an inner covering of the sealing collar (1) which rests, when the door (16) is closed, in a sealing manner on the outer covering surface (21). Said sealing collar (1) can also be fixed on the second end thereof (5) to the lye container and comprises a first section (22) which is oriented radially inwards and on which a second section (23) which extends essentially in the axial direction of the sealing collar (1) and in the direction of the second end thereof (5), can be fixed. Catching of wash items between the lip seal (19) and the outer covering surface (21) of the door (16) are prevented as both sections (22 and 23) of the lip seal (19) are configured in such a manner that, when the door (16) is in the closed state, one region of the first section (22) rests flat on the outer cover surface (21) thereof, whilst the second section (23) is at an angle with respect to the first section (22), and extends towards an inner cover surface (24) of the sealing collar (1) and in the direction of the second end (5) thereof.

IPC 8 full level
D06F 37/26 (2006.01)

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

Citation (search report)
See references of WO 2012076410A2

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

DOCDB simple family (publication)
DE 102010062590 A1 20120614; DE 102010062590 B4 20180830; CN 103249887 A 20130814; CN 103249887 B 20150325;
EP 2649230 A2 20131016; EP 2649230 B1 20141008; PL 2649230 T3 20150331; RU 2013129292 A 20150120; RU 2546425 C2 20150410;
WO 2012076410 A2 20120614; WO 2012076410 A3 20120809

DOCDB simple family (application)
DE 102010062590 A 20101208; CN 201180058950 A 20111202; EP 11794084 A 20111202; EP 2011071624 W 20111202;
PL 11794084 T 20111202; RU 2013129292 A 20111202