

Title (en)

WASHING MACHINE HAVING A DOOR REGION FOR AVOIDING LAUNDRY DAMAGE

Title (de)

WASCHMASCHINE MIT TÜRBEREICH ZUR VERMEIDUNG VON WÄSCHESCHÄDEN

Title (fr)

MACHINE À LAVER COMPRENANT UNE ZONE DE PORTE DESTINÉE À ÉVITER D'ENDOMMAGER LE LINGE

Publication

**EP 3341517 B1 20200909 (DE)**

Application

**EP 16744795 A 20160729**

Priority

- DE 102015216363 A 20150827
- EP 2016068218 W 20160729

Abstract (en)

[origin: WO2017032552A1] The invention relates to a washing machine (1), comprising a machine housing (2), a suds container (4), which is accommodated in the housing and is held in such a way that the suds container can move in a vibratory manner in relation to the housing, a laundry drum (7), which is accommodated in the suds container in a rotationally movable manner and which has a loading opening (8), which is aligned with the axis of rotation (6) of the drum and which is surrounded by an opening (8') of the suds container, wherein the opening (8') of the suds container is aligned with a loading and unloading opening (3) in the housing, wherein the openings (8'; 3) are connected by means of a hose-like sleeve (9) that enables vibration compensation, while there is a gap between the frame (14, 14a, 14b) of the housing door (13) and a ring-like region (2a) surrounding the loading and unloading opening (3) in the closed state of the door (13), wherein the gap d3', d3", according to the invention, is enlarged in a lower partial region in comparison with the remaining region of the gap.

IPC 8 full level

**D06F 39/14** (2006.01); **D06F 33/47** (2020.01); **D06F 33/74** (2020.01); **D06F 39/12** (2006.01); **D06F 37/26** (2006.01)

CPC (source: EP US)

**D06F 33/47** (2020.02 - EP US); **D06F 33/74** (2020.02 - EP US); **D06F 39/14** (2013.01 - EP US); **D06F 37/266** (2013.01 - EP)

Cited by

US2022074101A1; US11946186B2; US11946184B2

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 102015216363 A1 20170302**; CN 107923113 A 20180417; CN 107923113 B 20200424; EP 3341517 A1 20180704; EP 3341517 B1 20200909; WO 2017032552 A1 20170302

DOCDB simple family (application)

**DE 102015216363 A 20150827**; CN 201680049165 A 20160729; EP 16744795 A 20160729; EP 2016068218 W 20160729