

Title (en)

WASHING MACHINE AND METHOD FOR CONTROLLING WASHING MACHINE

Title (de)

WASCHMASCHINE UND VERFAHREN ZUR STEUERUNG DER WASCHMASCHINE

Title (fr)

LAVE-LINGE ET SON PROCÉDÉ DE COMMANDE

Publication

**EP 3845696 A4 20220518 (EN)**

Application

**EP 19853494 A 20190821**

Priority

- KR 20180103079 A 20180830
- KR 20190001970 A 20190107
- KR 2019010621 W 20190821

Abstract (en)

[origin: EP3845696A1] The present invention relates to a washing machine configured to have a drum, into which cloth is loaded, that is rotated around a horizontal axis. The washing machine includes a plurality of protrusions which are extended in a front and rear direction on an inner circumferential surface of the drum, and are spaced along a circumferential direction, and the protrusion has a height protruding inwardly into the drum is 2.0 to 6.0% of a diameter of the drum.

IPC 8 full level

**D06F 37/06** (2006.01); **D06F 35/00** (2006.01)

CPC (source: EP US)

**D06F 33/30** (2020.02 - US); **D06F 35/006** (2013.01 - US); **D06F 37/06** (2013.01 - EP US); **D06F 35/006** (2013.01 - EP); **D06F 2105/48** (2020.02 - US)

Citation (search report)

- [X1] DE 2915092 A1 19791031 - HITACHI LTD
- [X1] EP 2309048 B1 20120118 - MIELE & CIE [DE]
- [A] US 2011100068 A1 20110505 - SIMSEK TULGA [TR]
- See references of WO 2020045888A1

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)

**EP 3845696 A1 20210707**; **EP 3845696 A4 20220518**; AU 2019329626 A1 20210506; CN 112654742 A 20210413; JP 2021534897 A 20211216; US 2021355622 A1 20211118; WO 2020045888 A1 20200305

DOCDB simple family (application)

**EP 19853494 A 20190821**; AU 2019329626 A 20190821; CN 201980056555 A 20190821; JP 2021510756 A 20190821; KR 2019010621 W 20190821; US 201917271943 A 20190821