

Title (en)  
WASHING MACHINE

Title (de)  
WASCHMASCHINE

Title (fr)  
MACHINE À LAVER

Publication  
**EP 3444393 B1 20220803 (EN)**

Application  
**EP 17782685 A 20170413**

Priority

- KR 20160046398 A 20160415
- KR 20160046399 A 20160415
- KR 20160046401 A 20160415
- KR 2017004030 W 20170413

Abstract (en)  
[origin: EP3444393A2] The present invention relates to a washing machine comprising: a tub provided inside a cabinet and storing washing water therein; and a plurality of super-hydrophobic micro-protrusions formed on the inner surface of the tub to remove residual water within the tub. Accordingly, since the plurality of super-hydrophobic micro-protrusions are formed on the inner surface of the tub, the residual water remaining inside the tub can be cleanly removed using the lotus effect, thereby maintaining a clean state of the washing machine.

IPC 8 full level  
**D06F 35/00** (2006.01); **D06F 37/26** (2006.01); **D06F 39/08** (2006.01)

CPC (source: EP US)  
**D06F 35/008** (2013.01 - EP US); **D06F 37/262** (2013.01 - US); **D06F 37/26** (2013.01 - EP US); **D06F 39/083** (2013.01 - EP US)

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 3444393 A2 20190220; EP 3444393 A4 20200115; EP 3444393 B1 20220803**; US 2019264368 A1 20190829; WO 2017179930 A2 20171019; WO 2017179930 A3 20180802

DOCDB simple family (application)  
**EP 17782685 A 20170413**; KR 2017004030 W 20170413; US 201716093737 A 20170413