

Title (en)

TOP-LOADING WASHING MACHINE COMPRISING A DRUM DOOR

Title (de)

VON OBEN ZU BELADENDE WASCHMASCHINE MIT EINER TROMMELTÜR

Title (fr)

MACHINE À LAVER À CHARGEMENT PAR LE HAUT AVEC UNE PORTE DE TAMBOUR

Publication

EP 3112517 A1 20170104 (EN)

Application

EP 15174403 A 20150629

Priority

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Abstract (en)

A top-loading washing machine comprises a tub, a perforated drum rotatably mounted within said tub about a horizontal axis and having an aperture on its cylindrical side, a drum door slidably supported by the drum for opening and closing said aperture following a predetermined rotation of the drum, catching means supported by the tub and configured to selectively engage said sliding door for opening and closing thereof. The drum comprises a flap hinged to an edge of said aperture of the drum and having first engaging portions configured to cooperate with second engaging portions of the sliding part, said catching means being also configured to cooperate with said flap in order to free it from the sliding part.

IPC 8 full level

D06F 37/10 (2006.01)

CPC (source: EP US)

D06F 37/10 (2013.01 - EP US)

Citation (applicant)

- FR 2751669 A1 19980130 - CIAPEM [FR]
- DE 10316696 A1 20041028 - KANNEGIESSER H GMBH CO [DE]

Citation (search report)

- [XY] EP 0048643 A1 19820331 - THOMSON BRANDT [FR]
- [Y] US 5437168 A 19950801 - MASON ANTHONY [US], et al
- [Y] JP H01317488 A 19891222 - MITSUBISHI ELECTRIC CORP
- [X] EP 1548170 A1 20050629 - BRANDT IND [FR]
- [A] US 2007227199 A1 20071004 - KIM JIN WOONG [KR], et al
- [A] US 2003061841 A1 20030403 - NAKAMURA SATOSHI [JP], et al
- [A] EP 1696068 A1 20060830 - TOSHIBA KK [JP], et al

Cited by

CN110195316A; CN112680929A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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