

Title (en)
Door apparatus for drum type washing machine

Title (de)
Türvorrichtung für Trommelwaschmaschine

Title (fr)
Dispositif de porte de machine à laver à tambour

Publication
EP 2740835 A1 20140611 (EN)

Application
EP 13192925 A 20131114

Priority
KR 20120141936 A 20121207

Abstract (en)
Disclosed herein is a door apparatus (200) for a drum type washing machine, including a door body (210) configured to cover an opening (13) in a cabinet (10) of the drum type washing machine; a locking apparatus (230) including a rotating shaft (231) mounted in the door body (210) and a hook (232) which protrudes towards the cabinet (10) and selectively contacts a receiving surface (15) on or in the cabinet (10); and a door handle (250) including a hook mount (251) configured to receive one end of the hook (232) and separate another end (235a) of the hook (232) from the receiving surface (15) when the door handle (250) rotates around the rotating shaft (231).

IPC 8 full level
D06F 39/14 (2006.01)

CPC (source: CN EP KR US)
D06F 37/28 (2013.01 - CN EP KR US); **D06F 39/14** (2013.01 - CN EP KR US); **E05B 7/00** (2013.01 - KR); **E05C 19/10** (2013.01 - KR); **E05Y 2900/312** (2013.01 - KR)

Citation (applicant)
KR 100255707 B1 20000501 - LG ELECTRONICS INC [KR]

Citation (search report)

- [X] EP 2463434 A1 20120613 - WHIRLPOOL CO [US]
- [X] WO 03004754 A1 20030116 - ARCELIK AS [TR], et al
- [X] CN 201232124 Y 20090506 - HEFEI RONGSHIDA WASHING MACHIN [CN]
- [X] EP 1213415 A1 20020612 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] US 2005044898 A1 20050303 - PARK MYUNG SIK [KR], et al

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)
EP 2740835 A1 20140611; CN 103866534 A 20140618; KR 20140073908 A 20140617; US 2014157676 A1 20140612

DOCDB simple family (application)
EP 13192925 A 20131114; CN 201310572420 A 20131115; KR 20120141936 A 20121207; US 201314085725 A 20131120