

Title (en)

Washing machine, in particular domestic dishwasher, with an automatically opening door

Title (de)

Spülautomat, insbesondere Haushaltgeschirrspülmaschine, mit einer automatisch zu öffnenden Tür

Title (fr)

Automate de rinçage, notamment lave-vaisselle ménager, doté d'une porte à ouverture automatique

Publication

EP 2394558 A3 20120613 (DE)

Application

EP 11401513 A 20110510

Priority

- DE 102010016918 A 20100512
- EP 10401128 A 20100803
- EP 11401513 A 20110510

Abstract (en)

[origin: US2011279004A1] An automatic warewashing machine includes a washing chamber, a hinged door configured to close the washing chamber, and a force-locking latching mechanism configured to hold the door in a closed position and release the door in response to a pulling force. The force-locking latching mechanism is disposed on the washing chamber or on a body enclosing the washing chamber. A door opening system is also included and has a push-open unit configured to automatically open the door to at least an ajar position. The push-open unit includes a motor-driven push-type opening bar.

IPC 8 full level

A47L 15/42 (2006.01)

CPC (source: EP US)

A47L 15/4259 (2013.01 - EP US); **E05Y 2201/426** (2013.01 - EP US); **E05Y 2201/43** (2013.01 - EP US); **E05Y 2800/75** (2013.01 - EP US); **E05Y 2900/304** (2013.01 - EP US)

Citation (search report)

- [Y] DE 4420775 C1 19950803 - YMOS AG IND PRODUKTE [DE]
- [Y] US 2004103928 A1 20040603 - KANG MYUNG HO [KR]
- [ADP] EP 2210547 A1 20100728 - BONFERRARO SPA [IT]
- [ADP] EP 2193740 A1 20100609 - MIELE & CIE [DE]

Cited by

DE102012203484A1; CN104159494A; CN105286748A; CN108577759A

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)

US 2011279004 A1 20111117; US 9084526 B2 20150721; EP 2394558 A2 20111214; EP 2394558 A3 20120613; EP 2394558 B1 20160921; EP 2394559 A2 20111214; EP 2394559 A3 20120516; EP 2394559 B1 20130731; EP 2394560 A2 20111214; EP 2394560 A3 20120516; EP 2394560 B1 20160824; EP 2394561 A2 20111214; EP 2394561 A3 20120509; EP 2394561 B1 20121219; PL 2394561 T3 20130430

DOCDB simple family (application)

US 201113104040 A 20110510; EP 11401513 A 20110510; EP 11401514 A 20110510; EP 11401515 A 20110510; EP 11401516 A 20110510; PL 11401516 T 20110510