

Title (en)
Washing machine

Title (de)
Waschmaschine

Title (fr)
Machine à laver

Publication
EP 1905881 A3 20110323 (EN)

Application
EP 07019064 A 20070927

Priority
KR 20060095819 A 20060929

Abstract (en)
[origin: EP1905881A2] A washing machine (1) includes a dispenser (20) with a detergent box (30), a locking unit (40), and an automatic withdrawing unit (50). The locking unit (40) acts to lock or unlock the detergent box (30) as it is inserted into and withdrawn from the dispenser (20). The automatic withdrawing unit (50) biases the detergent box (30) to the withdrawal position.

IPC 8 full level
D06F 39/02 (2006.01)

CPC (source: EP KR US)
A47B 88/46 (2016.12 - KR); **A47B 88/473** (2016.12 - KR); **A47B 88/50** (2016.12 - KR); **D06F 37/42** (2013.01 - KR); **D06F 39/02** (2013.01 - EP KR US); **D06F 39/12** (2013.01 - KR)

Citation (search report)

- [XYI] US 5675994 A 19971014 - GWEON TAE SOUNG [KR]
- [Y] US 4660881 A 19870428 - KOMEYA SEIJI [JP], et al
- [Y] US 4828344 A 19890509 - OMATA NOBUAKI [JP]
- [XP] EP 1724387 A1 20061122 - ITW IND COMPONENTS SRL [IT]
- [X] EP 0410086 A1 19910130 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
EP3882391A1; EP2738298A3; CN109402965A; EP3715524A1; EP3988705A1; US9499932B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1905881 A2 20080402; **EP 1905881 A3 20110323**; CN 101153449 A 20080402; CN 101153449 B 20120912; KR 20080030139 A 20080404; US 2008078211 A1 20080403

DOCDB simple family (application)
EP 07019064 A 20070927; CN 200710153298 A 20070929; KR 20060095819 A 20060929; US 85777907 A 20070919