

Title (en)
APPLICATOR DEVICE FOR FLUID DETERGENT COMPOSITIONS

Title (de)
APPLIKATORVORRICHTUNG FÜR FLÜSSIGE WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)
APPLICATEUR POUR COMPOSITIONS DETERGENTES FLUIDES

Publication
EP 3541262 B1 20200415 (EN)

Application
EP 17797111 A 20171031

Priority
• EP 16198948 A 20161115
• EP 2017077899 W 20171031

Abstract (en)
[origin: WO2018091266A1] A device (10) for applying a cleaning fluid to a surface comprising a container (12) with first and second sides (16, 18) defining substantially planar surfaces, whereby said second side (18) has a cleaning fluid dispensing opening (20); the device (10) further comprises a compartment (13) for housing a cleaning fluid and one or more extension members (21, 40, 48) on its second side (18) for contacting the surface when the device (10) is in use, said device (10) also comprises a cleaning fluid release system (14) for dispensing the cleaning fluid from the second side (18) by means of a plunger (24) comprising a base (26) having sealing means (34) operably mating with the dispensing opening (20), a resilience member (32) adapted to provide a force on the plunger base (26) to seal the dispensing opening (20), a top (28) which projects into an air chamber (19) for allowing air into the compartment (13) when the cleaning fluid is released and one or more extension members (40) configured to move together with the plunger (24) such to create a gap between said sealing means (34) and the dispensing opening (20), thereby releasing the cleaning fluid.

IPC 8 full level
B05B 1/30 (2006.01); **B65D 47/00** (2006.01); **B05B 3/04** (2006.01); **B08B 3/04** (2006.01); **D06F 3/04** (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP US)
A47K 5/1201 (2013.01 - EP); **A47K 5/1202** (2013.01 - EP); **B05B 1/3013** (2013.01 - EP US); **B65D 47/00** (2013.01 - EP); **B08B 3/04** (2013.01 - EP); **D06F 3/04** (2013.01 - EP); **D06F 39/024** (2013.01 - EP US)

Cited by
CN112522922A; CN112354966A

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)
WO 2018091266 A1 20180524; AR 110072 A1 20190220; BR 112019009886 A2 20190813; CL 2019001300 A1 20190719; CN 109952053 A 20190628; EP 3541262 A1 20190925; EP 3541262 B1 20200415; ES 2796402 T3 20201126; ZA 201902803 B 20201028

DOCDB simple family (application)
EP 2017077899 W 20171031; AR P170103163 A 20171114; BR 112019009886 A 20171031; CL 2019001300 A 20190513; CN 201780070251 A 20171031; EP 17797111 A 20171031; ES 17797111 T 20171031; ZA 201902803 A 20190503