

Title (en)
Washing machine with storage containers for detergents

Title (de)
Waschmaschine mit Vorratsbehältern für Waschmittel

Title (fr)
Lave-linge dotée de récipients de réserve pour détergents

Publication
EP 2733249 B1 20161102 (DE)

Application
EP 14000594 A 20140220

Priority
EP 14000594 A 20140220

Abstract (en)
[origin: EP2733249A2] The machine has two reservoirs (7, 8) arranged in a drawer (6) for storage of a sufficient amount of a liquid laundry detergent. A removal device automatically removes the laundry detergent from the reservoirs and comprises an adapter unit that is placed above the reservoirs in a use position. The adapter unit comprises suction tubes and level sensors where the tubes and the sensors project into the reservoirs in the use position of the adapter unit. The level sensors comprise electrodes. The drawer comprises two lateral side regions (21, 22) and a bottom portion (24). The liquid laundry detergent is formed as a multi-colored laundry detergent, a cook laundry detergent, a fabric softener or a textile finisher.

IPC 8 full level
D06F 33/37 (2020.01); **D06F 39/02** (2006.01)

CPC (source: EP US)
D06F 33/37 (2020.02 - EP US); **D06F 39/02** (2013.01 - EP US); **D06F 39/022** (2013.01 - EP US)

Citation (examination)
US 5839454 A 19981124 - MATZ WARREN W [US]

Cited by
EP2881510A1; EP3617376A1; WO2020043623A1; DE102016212982A1; CN111441154A; CN116113735A; US10487438B2; EP3486363A1; CN111455618A; EP3722480A1; US11186935B2; US11686035B2; US10597813B2; US10612182B2; US10934658B2; EP3722485A1; CN112601854A; WO2015043860A1; WO2015143760A1; WO2017097318A1; WO2016078714A1; US11408108B2; JP2021030093A; CN112442859A; US10640908B2; US11492743B2; WO2015032658A1; WO2019068698A1; WO2020011442A1; WO2020209680A1; US11384466B2; DE102020200475B4; US11718948B2; WO2021040469A1; EP3786341B1

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)
EP 2733249 A2 20140521; **EP 2733249 A3 20140806**; **EP 2733249 B1 20161102**; DK 2733249 T3 20170206; PL 2733249 T3 20170428; SI 2733249 T1 20170131

DOCDB simple family (application)
EP 14000594 A 20140220; DK 14000594 T 20140220; PL 14000594 T 20140220; SI 201430123 A 20140220