

Title (en)
WATER-BEARING HOUSEHOLD APPLIANCE AND METHOD FOR OPERATING A WATER-BEARING HOUSEHOLD APPLIANCE

Title (de)
WASSERFÜHRENDES HAUSHALTSGERÄT UND VERFAHREN ZUM BETRIEB EINES WASSERFÜHRENDEN HAUSHALTSGERÄTS

Title (fr)
APPAREIL MÉNAGER À CIRCULATION D'EAU ET PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL MÉNAGER À CIRCULATION D'EAU

Publication
EP 3769656 A1 20210127 (EN)

Application
EP 19188005 A 20190724

Priority
EP 19188005 A 20190724

Abstract (en)
A water-bearing household appliance (1), in particular a dishwasher or washing machine, with an automatic dosing system (20) and a dosing unit (100), wherein the automatic dosing system (20) is configured for automatically dosing a dosing amount (122) of a solid detergent from the dosing unit (100), the dosing unit (100) comprising a storage cartridge (110) for storing a bulk (112) of the solid detergent, wherein the storage cartridge (110) comprises a reversibly deformable container (114) with an outlet (116), wherein the automatic dosing system (20) is configured for deforming the container (114) according to a predefined pattern in time, such that detergent of the bulk (112) is transported towards the outlet (116), and a dosing device (120) is attached to the storage cartridge (110) on the outlet (116) for separating the dosing amount (122) from the bulk (112) and releasing the separated dosing amount (122).

IPC 8 full level
A47L 15/44 (2006.01); **B65D 83/04** (2006.01); **D06F 39/02** (2006.01)

CPC (source: EP)
A47L 15/0055 (2013.01); **A47L 15/4463** (2013.01); **D06F 33/37** (2020.02); **D06F 39/026** (2013.01)

Citation (search report)

- [X] US 2019133411 A1 20190509 - LIARTE MARIN JUAN ALBERTO [ES], et al
- [A] DE 3724849 A1 19890209 - BOSCH SIEMENS HAUSGERÄTE [DE]
- [A] US 3028051 A 19620403 - JACOBS JAMES W
- [A] WO 0229150 A1 20020411 - PROCTER & GAMBLE [US], et al
- [A] US 3645423 A 19720229 - DEGRAW WILLIAM E
- [A] WO 2008145091 A1 20081204 - HELWIG CHRISTIAN [DE]
- [A] US 5553740 A 19960910 - KING KENYON M [US], et al

Cited by
WO2024096271A1

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 3769656 A1 20210127

DOCDB simple family (application)
EP 19188005 A 20190724