

Title (en)

WATER-BEARING HOUSEHOLD APPLIANCE WITH AN AUTOMATIC DOSING SYSTEM

Title (de)

WASSERHALTIGES HAUSHALTSGERÄT MIT AUTOMATISCHEM DOSIERSYSTEM

Title (fr)

APPAREIL DOMESTIQUE À CIRCULATION D'EAU DOTÉ D'UN SYSTÈME DE DOSAGE AUTOMATIQUE

Publication

EP 3771766 A1 20210203 (EN)

Application

EP 19189552 A 20190801

Priority

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Abstract (en)

A water-bearing household appliance (1) with an automatic dosing system (20) and a dosing unit (100), the automatic dosing system (20) configured for automatically dosing at least one detergent tablet (102) from the dosing unit (100), the dosing unit (100) comprising a storage cartridge (110) for storing a plurality of detergent tablets (102), wherein the storage cartridge (110) comprises a container with a bottom side (112) forming an inclination angle with a horizontal direction when the dosing unit (100) is arranged as intended for use, wherein an outlet (114) is formed in the container at a lower end of the bottom side (112), such that detergent tablets (102) on the bottom side (112) move towards the outlet (114) driven by gravity (G), and wherein a dosing device (120) is attached to the storage cartridge (110) on the outlet (114), the dosing device (120) including a scoop (130) and a plug (140), wherein the scoop (130) is configured to separate a detergent tablet (102) from the plurality and transport the separated detergent tablet (102) to a receiving chamber (142) formed in the plug (140) when the scoop (130) is turned in a first turning direction about a rotational axis (X) that is parallel to the bottom side (112), and the plug (140) is configured to release the detergent tablet (102) from the receiving chamber (142).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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