

Title (en)
TOILET CLEANER WITH VARIABLE PRODUCT DISPENSION

Title (de)
WC-KÖRBCHEN MIT VARIABLEM PRODUKTABGABE

Title (fr)
PANIER POUR TOILETTES À DÉBIT DE PRODUIT VARIABLE

Publication
EP 2888418 B1 20200909 (DE)

Application
EP 13707624 A 20130305

Priority
• DE 102012214898 A 20120822
• EP 2013054314 W 20130305

Abstract (en)
[origin: WO2014029510A1] The invention relates to a toilet cleaner (1) for receiving solid or gel preparations, comprising a plurality of containers (3a,3b,3c,3d), which are arranged in a row relative to one another with respect to the longitudinal central axis M of the toilet cleaner, for receiving at least one preparation (4a,4b,4c,4d). The containers (3a,3b,3c,3d) can be positioned below the toilet rim (10) such that flushing water can flow over the containers when the toilet (9) is flushed, and at least one inlet opening (5a,5b,5c,5d) and outlet opening (6a,6b,6c,6d) are formed in each container wall (7) for the flushing water. The toilet cleaner also comprises a holder (2) for fixing the toilet cleaner (1) on the toilet rim (10). A flushing water conducting element (8) is arranged and configured on the toilet cleaner (1) such that flushing water is supplied to the flushing water conducting element (8) when the toilet is flushed and the flushing water is conducted to the inlet opening (5a,5b,5c,5d) of the container (3a,3b,3c,3d). The inlet openings (5a,5b,5c,5d) are asymmetrical relative to the vertical axis V of the containers (3a,3b,3c,3d) and are arranged at an angle of incidence α of 1° - 60° , preferably 5° - 45° , particularly preferably 10° - 30° , relative to the longitudinal central axis M.

IPC 8 full level
E03D 9/03 (2006.01); **E03D 9/02** (2006.01)

CPC (source: CN EP KR US)
E03D 9/02 (2013.01 - KR); **E03D 9/032** (2013.01 - CN EP KR US); **E03D 2009/024** (2013.01 - CN EP KR US);
E03D 2009/026 (2013.01 - CN EP KR US)

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 2014029510 A1 20140227; CN 104583500 A 20150429; CN 104583500 B 20170822; DE 102012214898 A1 20140528;
EP 2888418 A1 20150701; EP 2888418 B1 20200909; KR 20150046174 A 20150429; US 2015167282 A1 20150618; US 9926695 B2 20180327

DOCDB simple family (application)
EP 2013054314 W 20130305; CN 201380044164 A 20130305; DE 102012214898 A 20120822; EP 13707624 A 20130305;
KR 20157006908 A 20130305; US 201514627132 A 20150220