

Title (en)
RIM BLOCK WITH FLUSHING WATER DISTRIBUTING ELEMENT

Title (de)
WC-KÖRBCHEN MIT SPÜLWASSERVERTEILELEMENT

Title (fr)
BLOC POUR REBORD DE CUVETTE DE W.C. DOTÉE D'UN ÉLÉMENT DE DISTRIBUTION D'EAU DE RINÇAGE

Publication
EP 3002375 B1 20200902 (DE)

Application
EP 15196532 A 20090313

Priority
• DE 102008037723 A 20080814
• EP 09779143 A 20090313
• EP 2009052955 W 20090313

Abstract (en)
[origin: WO2010018006A1] The invention relates to WC balls (1) for receiving solid or gel-like preparations, comprising at least one container (3a, 3b, 3c, 3d) for receiving at least one preparation (4a,4b,4c,4d). The container (3a, 3b, 3c, 3d) can be positioned in such a manner under the toilet rim such that it can be traversed with flushing water when flushing the toilet and at least one inlet (5a, 5b, 5c, 5d) and one outlet (6a, 6b, 6c, 6d) are embodied in the container wall (7) for the flushing water, a maintaining element (2) for securing the WC balls (1) to the rim of the bowl. A flushing water distributing element (8) is arranged and configured on the WC balls (1) in such a manner that said flushing water distributing element (8) is subjected to flushing water when the toilet is flushed and the flushing water is evenly distributed into the inlet (5a, 5b, 5c, 5d) of the container (3a, 3b, 3c, 3d).

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

CPC (source: EP US)
E03D 9/022 (2013.01 - US); **E03D 9/032** (2013.01 - EP US); **E03D 2009/024** (2013.01 - EP US); **E03D 2009/026** (2013.01 - US)

Citation (examination)
• DE 6931961 U 19700108 - BUCK KARL [DE]
• FR 2564502 A1 19851122 - OREAL [FR]

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
WO 2010018006 A1 20100218; DE 102008037723 A1 20100225; EP 2310582 A1 20110420; EP 2310582 B1 20160511;
EP 3002373 A1 20160406; EP 3002373 B1 20200429; EP 3002374 A1 20160406; EP 3002374 B1 20170503; EP 3002375 A1 20160406;
EP 3002375 B1 20200902; EP 3002376 A1 20160406; EP 3002376 B1 20200429; ES 2581773 T3 20160907; ES 2634518 T3 20170928;
ES 2802981 T3 20210122; ES 2803000 T3 20210122; HR P20160899 T1 20160923; HR P20170967 T1 20170922; HR P20201019 T1 20201016;
HR P20201020 T1 20201016; HR P20201635 T1 20201225; HU E029560 T2 20170328; HU E035397 T2 20180502; HU E050003 T2 20201130;
HU E050004 T2 20201130; HU E052563 T2 20210528; LT 3002373 T 20200710; LT 3002376 T 20200710; PL 2310582 T3 20161230;
PL 3002373 T3 20201102; PL 3002374 T3 20171031; PL 3002376 T3 20201019; PT 2310582 T 20160712; PT 3002374 T 20170711;
RU 2011100734 A 20120720; RU 2511303 C2 20140410; SI 2310582 T1 20160930; SI 3002373 T1 20200831; SI 3002374 T1 20171030;
SI 3002376 T1 20200731; UA 103194 C2 20130925; UA 116327 C2 20180312; US 10196803 B2 20190205; US 10669704 B2 20200602;
US 2011099698 A1 20110505; US 2012266368 A1 20121025; US 2012266369 A1 20121025; US 2012266370 A1 20121025;
US 2017226723 A1 20170810; US 2019136498 A1 20190509; US 8181282 B2 20120522; US 9366016 B2 20160614; US 9422702 B2 20160823;
US 9546477 B2 20170117

DOCDB simple family (application)
EP 2009052955 W 20090313; DE 102008037723 A 20080814; EP 09779143 A 20090313; EP 15196522 A 20090313; EP 15196530 A 20090313;
EP 15196532 A 20090313; EP 15196533 A 20090313; ES 09779143 T 20090313; ES 15196522 T 20090313; ES 15196530 T 20090313;
ES 15196533 T 20090313; HR P20160899 T 20160719; HR P20170967 T 20170627; HR P20201019 T 20200626; HR P20201020 T 20200626;
HR P20201635 T 20201008; HU E09779143 A 20090313; HU E15196522 A 20090313; HU E15196530 A 20090313; HU E15196532 A 20090313;
HU E15196533 A 20090313; LT 15196522 T 20090313; LT 15196533 T 20090313; PL 09779143 T 20090313; PL 15196522 T 20090313;
PL 15196530 T 20090313; PL 15196533 T 20090313; PT 09779143 T 20090313; PT 15196530 T 20090313; RU 2011100734 A 20090313;
SI 200931483 A 20090313; SI 200931709 T 20090313; SI 200932067 T 20090313; SI 200932068 T 20090313; UA A201100318 A 20090313;
UA A201305240 A 20090313; US 201213457623 A 20120427; US 201213457643 A 20120427; US 201213457674 A 20120427;
US 201615373658 A 20161209; US 201916238924 A 20190103; US 98729711 A 20110110