

Title (en)

Flush device for a water closet and method of operating such a device

Title (de)

Spülvorrichtung für ein Wasserklosett sowie Verfahren zum Betrieb einer solchen Spülvorrichtung

Title (fr)

Dispositif de rinçage pour des toilettes et procédé de fonctionnement d'un tel dispositif de rinçage

Publication

EP 2233651 B1 20161214 (DE)

Application

EP 09405057 A 20090327

Priority

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Abstract (en)

[origin: EP2233651A1] The device (1) has a toilet bowl (2) with an inlet (3) and an outlet (18). A pulse generating unit is arranged between the inlet and the outlet in a U-bend (4). The pulse generating unit accelerates water, present in the U-bend and forming an air trap, for flushing operation in the direction of the outlet. The pulse generating unit exhibits a set of nozzles (12) or an annular gap that extends in a circumferential direction of the U-bend. The nozzles or the annular gap generate a flow in the water, where the flow is directed towards the outlet. An independent claim is also included for a method for operating a flushing device.

IPC 8 full level

E03D 11/08 (2006.01)

CPC (source: EP US)

E03D 11/08 (2013.01 - EP US); **E03D 2201/30** (2013.01 - EP US)

Cited by

EP3486384A1; DE102018121465A1; EP3951110A1; DE202018006705U1

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)

EP 2233651 A1 20100929; EP 2233651 B1 20161214; AU 2010200694 A1 20101014; AU 2010200694 B2 20160310; AU 2010202596 A1 20110210; AU 2010202596 B2 20160121; CN 101845846 A 20100929; CN 101845846 B 20150121; EP 2233652 A1 20100929; EP 2233652 B1 20151007; US 2010242163 A1 20100930; US 2011016623 A1 20110127; US 8327472 B2 20121211; US 8713722 B2 20140506

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