

Title (en)

Active agent dispensing device and method for manufacturing an active agent dispensing device

Title (de)

Wirkstoffabgabevorrichtung und Verfahren zur Herstellung einer Wirkstoffabgabevorrichtung

Title (fr)

Dispositif de distribution d'agent actif et procédé de fabrication d'un dispositif de distribution d'agent actif

Publication

EP 2620490 B1 20180110 (DE)

Application

EP 12199084 A 20121221

Priority

DE 102012001540 A 20120127

Abstract (en)

[origin: EP2620490A1] Active substance delivery device (1) for a toilet bowl, comprises a housing (2) having a front side, a back side and at least one first chamber (19) for receiving a cleaning composition, disinfecting composition, water treatment composition, and/or anti-lime composition, where first chamber comprises at least one inlet and at least one outlet, and a suspending device (5) for suspending the housing at an edge of the toilet bowl such that the back side points in the direction of a stationary wall of the toilet bowl, and the front side points in direction of a central region of the toilet bowl. Active substance delivery device (1) for a toilet bowl, comprises a housing (2) having a front side, a back side and at least one first chamber (19) for receiving a cleaning composition, disinfecting composition, water treatment composition, and/or anti-lime composition, where the first chamber comprises at least one inlet and at least one outlet, and a suspending device (5) for suspending the housing at an edge of the toilet bowl such that the back side points in the direction of a stationary wall of the toilet bowl, and the front side points in the direction of a central region of the toilet bowl. The composition or the mixture is in form of a tablet, where the tablet has a cleaning agent compartment having a cleaning composition, and a chlorine compartment having a chlorine component, which is separated by the cleaning agent compartment, where a portion of a surface of the chlorine compartment is uncovered by the cleaning composition before the intended use, and the tablet is arranged in the first chamber such that the tablet with the surface of the chlorine compartment, which is uncovered by the cleaning composition and/or a barrier layer adjacent to the cleaning composition points in the direction of a full-surface wall of the first chamber. An independent claim is also included for producing the active substance delivery device for the toilet bowl, comprising (i) providing the first chamber, (ii) providing the suspending device, (iii) providing the composition or the mixture in the form of the tablet, and (iv) arranging the tablet in the first chamber.

IPC 8 full level

C11D 17/00 (2006.01); **C11D 17/04** (2006.01); **E03D 9/03** (2006.01)

CPC (source: EP)

C11D 17/0056 (2013.01); **C11D 17/041** (2013.01); **E03D 9/032** (2013.01); **E03D 2009/024** (2013.01)

Cited by

EP3747980A1; IT201900008358A1; USD914838S; US10465366B2; US2015345123A1; US10294643B2

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)

EP 2620490 A1 20130731; EP 2620490 B1 20180110; DE 102012001540 A1 20130801

DOCDB simple family (application)

EP 12199084 A 20121221; DE 102012001540 A 20120127