

Title (en)

Device for dispensing in the flushing water and/or for mixing with the flushing water detergent and/or sanitizing and/or deodorant products, in toilet bowls or hydraulic and sanitary fixtures in general

Title (de)

Vorrichtung zur Abgabe von Reinigungs-, Desinfektions- und/oder Desodoriermitteln ins Spülwasser und/oder zum Mischen dieser Mittel mit dem Spülwasser von Toilettenbecken oder Wasser- und Sanitäreinrichtungen allgemein

Title (fr)

Dispositif pour distribuer dans l'eau de chasse et/ou pour mélanger à l'eau de chasse, des produits détergents et/ou désinfectants et/ou déodorants, dans les cuvettes de wc ou des accessoires hydrauliques ou sanitaires en général

Publication

**EP 1835081 B1 20090603 (EN)**

Application

**EP 07004695 A 20070307**

Priority

- EP 06425166 A 20060314
- EP 07004695 A 20070307

Abstract (en)

[origin: US2007214555A1] A device for dispensing into the flushing water and/or for mixing with the flushing water detergent and/or sanitizing and/or deodorant products, in toilet bowls or hydraulic and sanitary fixtures in general. The device comprises a supporting structure provided with engagement means which can engage the hydraulic and sanitary fixture in order to support the supporting structure in a region of the fixture that is affected by the flushing water flow. The supporting structure supports rotatably, about a rotation axis, at least one rotating element, which interacts with the flow of flushing water in order to mix detergent and/or sanitizing and/or deodorant products introduced in the flushing water and/or adjust the dispensing of detergent and/or sanitizing and/or deodorant products connected to the supporting structure and/or vary the orientation of the flow of flushing water conveyed onto detergent and/or sanitizing and/or deodorant products connected to the supporting structure. The detergent and/or sanitizing and/or deodorant products are external to the rotating element.

IPC 8 full level

**E03D 9/03** (2006.01)

CPC (source: EP US)

**E03D 9/032** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2007214555 A1 20070920**; AT E433019 T1 20090615; DE 602007001200 D1 20090716; EP 1835081 A1 20070919; EP 1835081 B1 20090603; ES 2328522 T3 20091113

DOCDB simple family (application)

**US 71541607 A 20070308**; AT 07004695 T 20070307; DE 602007001200 T 20070307; EP 07004695 A 20070307; ES 07004695 T 20070307