

Title (en)

Device for dispensing liquid substances inside toilet bowls

Title (de)

Vorrichtung zur Abgabe eines flüssigen Wirkstoffs in Toilettenbecken

Title (fr)

Dispositif diffusant une substance liquide dans la cuvette

Publication

EP 1632616 A1 20060308 (EN)

Application

EP 04425662 A 20040902

Priority

EP 04425662 A 20040902

Abstract (en)

A device (1) for dispensing liquid substances inside toilet bowls, which comprises a supporting element (2), which is provided with means for engaging the rim (3) of a toilet bowl (4) and forms at least one receptacle (5) for at least one container (6) of the liquid substance (20) to be dispensed, the container being arranged so that its outlet (7) is directed downwardly. Below or at the outlet of the container there is a perforated wall (8), which faces in an upward region an element (9) for collecting the liquid substance dispensed from the container. The collecting element is affected by the passage of the toilet bowl cleaning water. The perforations (10) of the perforated wall and the viscosity of the liquid substance dispensed from the container are adapted to form, on the lower face of the perforated wall (8), a suspended meniscus (20a) of liquid substance that contrasts the further outflow of liquid substance from the container and is reached and can be removed by the stream of toilet bowl cleaning water that flows over the collecting element.

IPC 8 full level

E03D 9/03 (2006.01)

CPC (source: EP)

E03D 9/032 (2013.01)

Citation (search report)

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- [A] DE 19912217 A1 20000713 - JEYES DEUTSCHLAND GMBH [DE]
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GB2502950A

Designated contracting state (EPC)

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