

Title (en)

Liquid composition for use inside a toilet bowl, system and method for delivering the same

Title (de)

Flüssige Zusammensetzung für Klosettschüssel, System sowie Verfahren zur Freisetzung derselben

Title (fr)

Comosition liquide pour cuvette de toilette, système et méthode pour sa délivrance

Publication

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Application

EP 02077816 A 20000714

Priority

- EP 00947923 A 20000714
- IT 9900219 W 19990714

Abstract (en)

[origin: WO0104428A1] A device (1) for delivering an active substance in liquid phase inside a toilet bowl (2) is described, which comprises: a) a container (3) of the active substance, b) a supporting structure (4) for the container (3), c) hooking means (5) associated to the supporting structure (4) for supporting the container (3) and the supporting structure (4) inside the bowl (2), d) means (6) for delivering dosed amounts of said active substance, wherein the means (6) for delivering the active substance comprises valve means (7) cooperating with a delivering opening (8, 17) of said substance in fluid communication with said container (3), said valve means (7) being provided with an opening device (14) operable at each flushing by the water introduced into the bowl (2). Advantageously, the device according to the invention allows to deliver dosed amounts of active substance at each water flushing independently of both the chemical-physical properties of the active substance itself, of the amount of active substance provided in the container and of the frequency of the flushing operations.

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IPC 8 full level

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CPC (source: EP)

E03D 9/032 (2013.01)

Citation (search report)

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- [X] DATABASE WPI Section Ch Week 199123, Derwent World Patents Index; Class A97, AN 1991-167411, XP002216585
- [X] DATABASE WPI Section Ch Week 199718, Derwent World Patents Index; Class D25, AN 1997-197421, XP002141106

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WO 0104428 A1 20010118; AT E338853 T1 20060915; AU 4649099 A 20010130; AU 6154600 A 20010205; AU 766247 B2 20031009; CA 2388233 A1 20010125; DE 60030571 D1 20061019; EP 1218602 A2 20020703; EP 1218602 B1 20060906; EP 1260577 A2 20021127; EP 1260577 A3 20021211; HU P0201883 A2 20020928; HU P0201883 A3 20040428; PL 353036 A1 20031006; TR 200200046 T2 20020821; WO 0106067 A2 20010125; WO 0106067 A3 20010719

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