

Title (en)

LIQUID ACTIVE SUBSTANCE DISPENSER FOR W.C. BOWL

Title (de)

FLÜSSIGKEITSAKTIVE STOFF-ABGABEVORRICHTUNG FÜR TOILETTENBECKEN

Title (fr)

DISTRIBUTEUR DE SUBSTANCE ACTIVE LIQUIDE DESTINE A UNE CUVETTE DE TOILETTES

Publication

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Application

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Abstract (en)

[origin: WO2004092493A1] The dispenser comprises, for containing active substance (R) in the liquid state, a bottle (11) having an exit mouth (12) and supported by a support means (20) in an inverted position, with its mouth (12) facing downwards in a position subjected to the action of the flushing water flow. The support means (20) comprises, for containing the active substance, a reservoir (21) located in a position subjected to the action of the flushing water flow and arranged to receive the mouth (12) of the bottle, and a member (30) positioned in said containing reservoir (21) to close the mouth (12) of the bottle (11), an active substance descent passageway (35) enabling the active substance to descend in a gauged manner into the containing reservoir (21), and a ventilation passage which, when in use, connects the internal chamber of the bottle (11) to the ambient air; the containing reservoir (21) defines a volume for containing a quantity of active substance which closes said active substance descent passageway (35). According to the invention there is provided, discharging to the outside of the reservoir, a siphonic trap-means (40) having an inlet (42') which draws liquid from the containing reservoir at a level (L2) below the level of the lower outlet section (P1) of the bottle mouth (12) and having a triggering level above the level of said lower section (P1), said containing reservoir (21) being enclosed within a collection region (50) arranged to temporarily retain the flushing water until a level is reached such as to trigger the action of the trap-means and then release the water into the W.C. bowl.

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