

Title (en)
FLUID PRODUCT DISPENSER

Title (de)
FLUIDPRODUKTABGABEVORRICHTUNG

Title (fr)
DISTRIBUTEUR DE PRODUIT FLUIDE

Publication
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Application
EP 02803443 A 20021119

Priority
• FR 0203956 W 20021119
• FR 0115005 A 20011120

Abstract (en)
[origin: FR2832391A1] The invention concerns a fluid product dispenser comprising: a reservoir (3) containing said fluid product and provided with at least an actuating wall (10) whereon pressure is exerted to decrease the volume of the reservoir; a dispensing orifice (50) communicating with the reservoir and through which the fluid product is dispensed outside the reservoir mixed with a gas to generate a two-phase spray; a removable closure element (12) to close the dispensing orifice (50) thus isolating the reservoir from outside; spring means (4) for urging the actuating wall (10) into a rest position defining the maximum volume of the reservoir (3) when the closure element (12) is removed from the dispensing orifice (50), said spring means (4) being compressed when the closure element (12) closes the dispensing outlet (50), the reservoir (3) substantially containing solely fluid product as long as the removable closure element (12) closes the dispensing orifice (50). The invention is characterized in that, so long as the closure element (12) closes the dispensing orifice (50), the reservoir (3) is divided into several compartments (31, 32; 31', 32') by at least a separating partition (13; 13'), at least one (31; 31') of the compartments containing the fluid product and at least another compartment (32; 32') containing the spring means (4), but no fluid product, such that the fluid product is not in contact with the spring means (4) before the closure element (12) is removed.
[origin: FR2832391A1] The liquid dispenser comprises a sachet with a central reservoir (3) and a spout (50), through which a spray of liquid is dispensed when the walls of the sachet are squeezed. A spring (4) is mounted in the reservoir and when a cap (12) is fitted over the spout the reservoir is divided by a partition (13) into a top section containing liquid and a bottom section containing the compressed spring and no liquid.

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