

Title (en)

Assembly for dispensing at least one fluid product

Title (de)

Abgabevorrichtung für wenigstens ein flüssiges Produkt

Title (fr)

Ensemble de distribution d'au moins un produit fluide

Publication

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Application

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Abstract (en)

[origin: EP0410858A2] The invention relates to an assembly for dispensing at least one fluid product; this assembly comprises at least one dispensing channel 8c, each channel comprising at its end part a closure system opening to the exterior. The closure system is formed by a sealing device (9a) which is part of a piece made from elastically deformable material and a seat 8e which is part of another piece of the dispensing head (3), the sealing device (9a) being in contact with its associated seat (8e) when there is no dispensing, moving away from the seat due to elastic deformation under the pressure of the product to be dispensed and returning due to elasticity in contact with the said seat (8e) when dispensing ceases. The sealing device is subject to the action of a stressing member (11) which tends to keep it pressed on the seat (8e) with which it interacts. <IMAGE>

[origin: EP0410858A2] A dispenser for a fluid substance, esp. used in cosmetics or pharmaceuticals, consists of a cap (1) which fits onto the container (2) and made with at least one outlet channel (8). The/each outlet channel has a system which closes its outlet, made in the form of a shutter (9a) which is able to deform elastically and interact with a seat (8e). The deforming shutter and seat form a self-closing valve which is opened by the pressure of the fluid passing through it but closes once the pressure stops. The shutter is pressed towards the seat by a support which limits its deformation. The pressure which expels the fluid from the container can be of various types, e.g. a pump piston or flexible bulb.

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