Title (en)
STERILE SYSTEM FOR DISPENSING A PRODUCT CONTAINED IN A CONTAINER IN PARTICULAR A SOFT TUBE

Title (de)
STERILES SYSTEM ZUR ABGABE EINES IN EINEM BEHÄLTER, INSBESONDERE EINER FLEXIBLEN TUBE, ENTHALTENEN PRODUKTS

Title (fr)
SYSTEME DE DISTRIBUTION STERILE D'UN PRODUIT CONTENU DANS UN RECIPIENT NOTAMMENT UN TUBE SOUPLE

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Application
EP 02804594 A 20021129

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Abstract (en)
[origin: WO03050010A2] The invention concerns a dispensing and closure system (1) arranged at the top of a container (2), in particular a soft tube comprising a liquid or pasty product (10), which is delivered by pressing on said tube (2). The invention is characterized in that it consists of a valve (3) comprising two concentric elements (4, 5), one of which (4) forms a mobile cylindrical delivery valve and the other (5) forms a cylindrical body (6) exiting from a plate (7) linked to the tube (2). The two elements (4, 5) defined between them an annular gap (9) through which the product (10) passes. When a manual pressure (F1, F2) is exerted on the tube, it causes the product (10) to act directly on the delivery valve (4) causing the latter to open, countering an elastic return member (11), so as to allow the product (10) to escape from the tube (2), when the pressure (F1, F2) is exerted thereon and to automatically close the delivery valve (4) when the pressure is released, preventing the possible return of the product (10) already dispensed from returning inside the tube.

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Citation (search report)
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Cited by
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