

Title (en)
Device for dispensing pasty products

Title (de)
Vorrichtung zum Ausbringen pastöser Massen

Title (fr)
Dispositif de distribution de produits pâteux

Publication
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Application
EP 98830553 A 19980923

Priority
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Abstract (en)

Device for dispensing pasty products of the type comprising a container (1) that extends along a longitudinal axis (X-X) from a bottom end (2) having an air inlet aperture (3) to an opposite end (14) on which a dispensing head (5) is mounted, a piston (4) located inside the said container (1) and which can move along the said axis (X-X) only in the direction leading towards the dispensing head (5), and a chamber (9) of variable volume formed inside the said dispensing head (5), the said chamber (9) being delimited by a rigid wall (10) that divides it from the said container and is positioned transversely to the said longitudinal axis (X-X) and by a peripheral wall (11), one portion (42) of which is deformable on manual application of an external pressure, the said chamber (9) also being fitted with an inlet valve (18,19) formed in the said dividing wall that allows the product to pass from the container (1) into the chamber but not vice versa, and with an outlet valve (24,26) that allows the product to be dispensed from the chamber to the outside, the said outlet valve (24,26) comprising an aperture (26) formed in a rigid portion (27) of the peripheral wall (11) of the said chamber (9) and, located inside the chamber, a closure member (24) on which the periphery (25) of the said aperture (26) presses when in the closed position, the said closure member (24) being able to move relative to the aperture (26) when manual pressure is exerted on the said deformable portion (42) of the peripheral wall (11) of the said chamber of variable volume (9). The closure member of this device is connected to an intermediate point (37) of a tongue-like element (38), one end (39) of which is fixed to one of the said walls (10,11) delimiting the said chamber of variable volume (9) while the opposite end (41) is free to project out towards the said deformable portion (42). <IMAGE>

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Citation (search report)

- [DA] EP 0363307 A1 19900411 - PLASCO SA [FR]
- [DA] EP 0282791 A2 19880921 - BRAMLAGE GMBH [DE]
- [A] EP 0782963 A1 19970709 - GUALA DISPENSING SRL [IT]

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