

Title (en)

Dispensing device for liquid or powder products

Title (de)

Ausgabevorrichtung für Flüssigkeiten oder Pulver

Title (fr)

Dispositif pour distribuer un produit liquide ou pulvérulent

Publication

EP 0667301 B1 19970611 (FR)

Application

EP 95400007 A 19950103

Priority

FR 9401265 A 19940204

Abstract (en)

[origin: EP0667301A1] The distributor (D) for a liquid or pulverulent product (P) comprises a product container (1) with a neck (2) and a top (4). The top has an applicator (7,8) which plunges into the container when the top is closed on the neck. The container neck has a pocket (10) in a deformable elastic material in which the applicator is housed when the top is fixed on the neck. This pocket has slots (12) which are opened when the pocket wall is subjected to a pressure force from the applicator when the top is in its normal closed position. The pressure force exerted by the applicator on the pocket wall has a component orthogonal to the axis (A-A). The direction of the slots in the pocket wall present a component in the same plane as the pocket axis. The applicator has transverse dimensions such that during fixing of the top on the container the applicator causes lateral inflation of the pocket wall and opens the slots.

IPC 1-7

B65D 51/32

IPC 8 full level

B65D 51/32 (2006.01); **A45D 34/04** (2006.01); **B05C 17/00** (2006.01)

CPC (source: EP US)

A45D 34/045 (2013.01 - EP US); **A45D 2200/1018** (2013.01 - EP US)

Cited by

FR3063210A1; FR2998458A1; FR2777432A1; FR3013197A1; EP0836862A1; FR2754458A1; US5890828A; USRE38016E; WO2018153535A1; WO2015075626A1

Designated contracting state (EPC)

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EP 0667301 A1 19950816; **EP 0667301 B1 19970611**; CA 2141662 A1 19950805; CA 2141662 C 20060530; DE 69500337 D1 19970717; DE 69500337 T2 19971023; ES 2105840 T3 19971016; FR 2715916 A1 19950811; FR 2715916 B1 19960515; JP 2653987 B2 19970917; JP H07267265 A 19951017; US 5573340 A 19961112

DOCDB simple family (application)

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