

Title (en)

SIMPLIFIED AIRLESS DISPENSING PUMP FOR LIQUID PRODUCTS

Title (de)

VEREINFACHTE LUFTLOSE SPENDERPUMPE FÜR FLÜSSIGPRODUKTE

Title (fr)

POMPE SIMPLIFIÉE POUR DISTRIBUTEUR DE PRODUITS LIQUIDES SANS REPRISE D'AIR

Publication

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Application

EP 05775327 A 20050607

Priority

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Abstract (en)

[origin: CA2568525A1] The invention relates to an airless dispensing pump for liquid products. The inventive pump is characterised in that it consists of: a push button (1) comprising a spray nozzle (P) which communicates with a network of channels that is provided locally on the wall of an internal truncated-cone-shaped bore (10), and a housing (2). According to the invention, the upper part of the housing comprises a dosing cell (20) having an elastically-deformable wall, which is equipped with an intake valve and topped with a rigid collar (23) for fixing same inside the bore (10) of the aforementioned button. Moreover, the outer periphery of the collar (23) comprises an inclined face (23a) which defines a swirl chamber opposite the above-mentioned network, while the inner periphery thereof is equipped with a passage to said chamber.

IPC 8 full level

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