

Title (en)
AIRLESS DISPENSER FOR DISPENSING LOW DOSES OF LIQUID PRODUCTS, IN PARTICULAR COSMETIC OR PHARMACEUTICAL PRODUCTS

Title (de)
LUFTLOSER SPENDER ZUR ABGABE VON GERINGEN FLÜSSIGPRODUKTDOSEN, INSBESONDERE KOSMETISCHE ODER PHARMAZEUTISCHE PRODUKTE

Title (fr)
DISTRIBUTEUR SANS REPRISE D'AIR POUR LA DELIVRANCE DE FAIBLES DOSES DE PRODUITS LIQUIDES ET, EN PARTICULIER, DE PRODUITS COSMETIQUES OU PHARMACEUTIQUES

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Application
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Abstract (en)
[origin: US7328856B2] The invention relates to an airless dispenser which is used to dispense low doses of liquid products. The inventive dispenser is characterised in that it consists of: a first part comprising a spray nozzle which is communicated with a network of channels on the wall of an inner truncated-cone-shaped bore, and a second part comprising a deformable container which equipped with a rigid flange for fixing the first part in the aforementioned bore. The outer periphery of the flange comprises an inclined surface which defines a vortex chamber, opposite the above-mentioned network of channels, and which, together with the wall of the first part, forms an internal peripheral outlet groove. The outlet groove is defined radially by a flexible lip forming an inlet valve which is supported by the first or second part.

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