

Title (en)

CONTAINER FOR PACKAGING A LIQUID DROP DISPENSER, REVERSIBLY DEFORMED BY AIR INLET

Title (de)

BEHÄLTER FÜR DIE VERPACKUNG EINER FLÜSSIGKEIT MIT TROPFENSPENDER MIT UMKEHRBARER DEFORMATION DURCH LUFTEINLASS

Title (fr)

RÉCIPIENT POUR LE CONDITIONNEMENT D'UN LIQUIDE À DISTRIBUTEUR GOUTTE À GOUTTE, À DÉFORMATION RÉVERSIBLE PAR ADMISSION D'AIR

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2006000897A1] The invention concerns a container for packaging a liquid (1) to be dispensed in drops, said container being reversibly deformed by air input and being equipped with a head (3) for dispensing liquid through a nozzle (5). The latter (3) comprises a recessed body (4) which is nested inside a neck (10) of the container and which holds a hydrophobic microporous pad (8) arranged upstream of a chamber (9). Said chamber (9) is provided with an air reservoir for preventing the liquid from passing through the microporous pad between two liquid dispensing operations when the nozzle (5) is sealingly obstructed with a cap (6) and for drying a partly hydrophilic and hydrophobic filtering membrane (7) arranged in the dispensing head (3).

Abstract (fr)

L'invention a pour objet un récipient pour le conditionnement d'un liquide (1) à distribuer goutte il goutte, ce récipient étant à déformation réversible par admission d'air et étant équipé d'une tête (3) de distribution du liquide il travers une buse (5). Cette dernière comporte un corps évidé (4) qui est emboîté à l'intérieur d'un col (10) du récipient et qui loge un tampon microporeux hydrophobe (8) disposé en amont d'une chambre (9). Cette chambre (9) ménage une réserve d'air pour, entre deux opérations de distribution de liquide, empêcher le liquide de traverser le tampon microporeux lorsque la buse (8) est obstruée de façon étanche par un capuchon (6) et assécher une membrane filtrante partiellement hydrophile et hydrophobe (7) que comporte la tête de distribution (3).

IPC 8 full level

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Citation (search report)

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