

Title (en)

Disposable dispenser pump for liquid and pasty products.

Title (de)

Wegwerf-Spenderpumpe für Flüssigkeiten und Pasten.

Title (fr)

Pompe distributrice jetable pour des produits liquides ou pâteux.

Publication

EP 0242253 A1 19871021 (FR)

Application

EP 87400613 A 19870319

Priority

FR 8605982 A 19860416

Abstract (en)

[origin: US4776495A] A dispenser pump and cartridge forming a single unit which can be discarded after use includes a hollow pump body with an admission valve having flexible lips which separate at the time of use under the action of a pressure gradient established within the product to be dispensed. The pump body also has a delivery valve with a flexible tubular skirt which is inwardly deformable and capable of moving locally away from an annular sealing lip, thus permitting downward escape of a dose of product. Subsequent re-closing of the skirt prevents any upward admission of external air.

Abstract (fr)

L'invention concerne une pompe (4) pour distribuer le liquide crémeux (2) d'un réservoir (1). Le clapet d'aspiration (7) est à lèvres souples. Le clapet de refoulement (9) comporte un tube souple (17) qui s'écrase face à la lèvre d'étanchéité (12). Application : pompe (4) jetable en même temps que le récipient (1).

IPC 1-7

A47K 5/12

IPC 8 full level

A47K 5/12 (2006.01); **B65D 47/20** (2006.01); **B65D 47/22** (2006.01); **B65D 47/34** (2006.01); **F04B 43/08** (2006.01)

CPC (source: EP US)

A47K 5/1209 (2013.01 - EP US)

Citation (search report)

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- [A] GB 992038 A 19650512 - KARL HELMUT BROSS, et al
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DOCDB simple family (application)

EP 87400613 A 19870319; CA 525925 A 19861219; DE 3760269 T 19870319; ES 87400613 T 19870319; FR 8605982 A 19860416; JP 9293887 A 19870415; US 3268887 A 19870401