

Title (en)

Pump for the delivery of a product, liquid or paste-like, and dispenser-container with such a pump

Title (de)

Pumpe zur Förderung von einem flüssigen oder pastösen Produkt, und Ausgabebehälter mit einer solchen Pumpe

Title (fr)

Pompe pour la distribution d'un produit, liquide ou pâteux, et récipient distributeur équipé d'une telle pompe

Publication

EP 0544549 B1 19960410 (FR)

Application

EP 92402897 A 19921026

Priority

FR 9114555 A 19911126

Abstract (en)

[origin: EP0544549A1] The pump (1) comprises a pump body (4) intended to be mounted on a container (2) containing the product (P) to be dispensed and a push button (12) suitable to be pushed in against elastic return means (31) in order to dispense the product, the said pump including a precompression valve suitable for allowing the product to be dispensed only when a sufficient pressure is reached, air-compressing means being furthermore provided in order to blow air through the nozzle (13) after dispensing the product. The air-compressing means (12, 24) are arranged so as to blow air, through the nozzle (13), during the phase when the push button (12) rises up under the action of the elastic return means (31); during the phase when the push button (12) is lowered, the aforementioned air-compressing means (24) suck air in with a view to subsequently expelling it, while a metered amount of product (P) is dispensed through the nozzle (13). <IMAGE>

IPC 1-7

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IPC 8 full level

B05B 11/00 (2006.01); **B05B 15/02** (2006.01); **B05B 15/50** (2018.01)

CPC (source: EP US)

B05B 11/1025 (2023.01 - EP US); **B05B 11/1087** (2023.01 - EP); **B05B 15/50** (2018.01 - EP US)

Cited by

CN100363114C; CN1096301C; ES2235564A1; EP0847935A1; FR2757138A1; NL1001366C2; AU709501B2; US6053364A; WO2017183974A1; US7357278B2; US6216966B1; WO2017078520A1; WO9713585A1; WO03099451A1; WO9818561A1; EP3769851A1; EP3769852A1; WO2021013882A1; EP4236059A2

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