

Title (en)
DEVICE FOR PROTECTING AND DISPENSING PASTY OR CREAMY PRODUCTS

Title (de)
VORRICHTUNG ZUM SCHUTZ UND ZUR AUSGABE PASTÖSER ODER CREMIGER PRODUKTE

Title (fr)
DISPOSITIF DE PROTECTION ET DE DISTRIBUTION DE PRODUITS PÂTEUX OU CRÉMEUX

Publication
EP 3558845 B1 20210317 (FR)

Application
EP 17829681 A 20171215

Priority
• FR 1601861 A 20161226
• FR 2017000244 W 20171215

Abstract (en)
[origin: WO2018122473A1] Sealed device (1) for protecting and dispensing pasty or creamy products (7), characterized in that it mainly consists of a reservoir (2) containing the product (7) and suitable for receiving, at the bottom end thereof, a longitudinally movable sealing stopper (3), said reservoir (2) is longitudinally movable like a piston in a pump body (4) and wherein it is forced into the closed position by a spring element (5) that cooperates in compression with a lateral outer projection (2e) of the reservoir (2) and with the top of the side wall (6b) of the base (6) attached to the pump body (4). The pump body (4) is formed of an elastically deformable upper membrane (4a) providing a pump function and also, on the upper lateral wall thereof (4c), of a lateral opening (4e) for dispensing the product (7). The assembled reservoir (2) and pump body (4) form means suitable for circulating the product (7) via a compression chamber supplied by at least one upper inlet orifice (2b). The device is particularly suitable for the hygiene, pharmacy and cosmetics fields.

IPC 8 full level
B65D 83/00 (2006.01)

CPC (source: EP US)
B65D 83/0022 (2013.01 - EP US); **B65D 83/0033** (2013.01 - EP US); **B65D 83/0094** (2013.01 - EP); **A45D 2200/051** (2013.01 - US); **B65D 83/0094** (2013.01 - US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
FR 3061154 A1 20180629; FR 3061154 B1 20190510; CN 110382372 A 20191025; CN 110382372 B 20220304; EP 3558845 A1 20191030; EP 3558845 B1 20210317; ES 2874154 T3 20211104; US 11377291 B2 20220705; US 2019344952 A1 20191114; WO 2018122473 A1 20180705; WO 2018122473 A9 20190912

DOCDB simple family (application)
FR 1601861 A 20161226; CN 201780080707 A 20171215; EP 17829681 A 20171215; ES 17829681 T 20171215; FR 2017000244 W 20171215; US 201716473912 A 20171215