

Title (en)

Dispenser for a pasty product which is mixed with an adjustable quantity of a secondary pasty product, and its utilisation.

Title (de)

Abgabevorrichtung für ein pastöses Produkt, das mit einer regulierbaren Menge eines sekundären pastösen Produktes gemischt wird, und ihre Benutzung.

Title (fr)

Distributeur de produit pâteux mélangé à une quantité réglable d'un produit pâteux secondaire, et son utilisation.

Publication

EP 0447335 A1 19910918 (FR)

Application

EP 91420086 A 19910312

Priority

FR 9003847 A 19900314

Abstract (en)

The subject of the invention is a dispenser (1) for a pasty product, comprising a body delimiting a chamber (5) for storing at least one principal pasty product and a pumping system delimited by a wall (7) surmounting the said storage chamber (5) and by an inlet valve (24), the said wall (7) carrying on the side of the said storage chamber (5) a separator tube (11) surrounding the valve, and comprising orifices (13) for passage of at least one secondary pasty product contained between the said separator tube (11) and the said body, the said passage orifices (13) being external to the said separator tube (11), characterised in that this wall (7) is lined with a rotating cover (16) carrying traversing windows (19), the rotation of the cover (16) progressively masking or revealing the said passage orifices (13), the windows (19) being closed off by the valve (24) in its low position. <?>The invention also relates to the utilisation of the dispenser for dispensing a paste to be stirred up in a controlled manner. It is utilised in the cosmetic, pharmaceutical, paramedical, hygiene and food industries. <IMAGE>

IPC 1-7

B05B 11/00; B05B 11/02; B65D 47/34

IPC 8 full level

B05C 17/01 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP US)

B05B 11/0027 (2013.01 - EP US); **B05B 11/028** (2023.01 - EP US); **B05B 11/1028** (2023.01 - EP US); **B05B 11/1081** (2023.01 - EP US)

Citation (search report)

- [A] EP 0345458 A2 19891213 - TUBEX VERTRIEB GMBH [DE]
- [A] EP 0340724 A2 19891108 - TUBEX VERTRIEB GMBH [DE]
- [A] DE 8802173 U1 19890713

Cited by

FR3028156A1; EP0751077A1; US5813573A; US5862955A; EP0810160A3; WO2007055660A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0447335 A1 19910918; CA 2037094 A1 19910915; FI 911244 A0 19910313; FI 911244 A 19910915; FR 2659632 A1 19910920; FR 2659632 B1 19921016; IS 3675 A7 19910829; JP H0592164 A 19930416; NO 910999 D0 19910313; NO 910999 L 19910916; PT 97026 A 19930531; US 5125539 A 19920630

DOCDB simple family (application)

EP 91420086 A 19910312; CA 2037094 A 19910225; FI 911244 A 19910313; FR 9003847 A 19900314; IS 3675 A 19910214; JP 12878791 A 19910314; NO 910999 A 19910313; PT 9702691 A 19910313; US 66900891 A 19910313