

Title (en)
Dispenser for a viscous product.

Title (de)
Spender für pastöse Produkte.

Title (fr)
Distributeur de produits pâteux.

Publication
EP 0097293 A1 19840104 (DE)

Application
EP 83105723 A 19830610

Priority
DE 3222492 A 19820615

Abstract (en)
[origin: US4796786A] A dispenser for paste-like products consists of a dispensing head (1) and a cartridge (2) containing the paste-like product. The cartridge has its lower end closed by a follower piston slideable along the interior wall surface of the cartridge under action of the exterior atmosphere. In the dispensing head, a pumping device with a pump chamber is provided. An inlet-check valve is provided for prevention of backflow of paste-like material entering the pump chamber through a passage from the interior of the cartridge. At least one part of the inlet-check valve, for instance, a valve seat thereof or, for instance, all parts of the inlet-check valve, namely, a valve seat and a closure member, are provided on an upper cover wall of the cartridge as part of the cartridge. The cartridge is releasably connectable to the dispensing head. After exhaustion of its contents, the cartridge may be detached from the dispensing head and replaced by a filled cartridge. The dispensing head may be optionally provided with a dummy envelope adapted to surroundingly receive cartridges of different shape and/or volume connected to the dispensing head.

Abstract (de)
Ein Spender für pastöse Produkte bestehend aus einem Spenderkopf (1) und einer das pastöse Produkt enthaltenden Kassette (2). Die Kassette kann nach Entleerung ihres Inhalts vom Spenderkopf abgenommen und durch eine gefüllte Kassette ersetzt werden. Gegebenenfalls kann der Spenderkopf mit einer Scheinhülle (5) versehen sein, welche am Spenderkopf befestigte Kassette unterschiedlicher Gestalt und/oder unterschiedlichen Volumens umgibt.

IPC 1-7
B65D 83/00

IPC 8 full level
B05B 11/00 (2006.01); **B65D 83/00** (2006.01)

CPC (source: EP US)
B05B 11/0032 (2013.01 - EP US); **B05B 11/0037** (2013.01 - EP US); **B05B 11/0038** (2018.07 - EP US); **B05B 11/0041** (2018.07 - EP US); **B05B 11/1015** (2023.01 - EP US); **B05B 11/1074** (2023.01 - EP US); **B65D 83/0033** (2013.01 - EP US); **B05B 11/0027** (2013.01 - EP US); **B05B 11/028** (2023.01 - EP US)

Citation (search report)

- [X] FR 2344469 A1 19771014 - HENKEL & CIE GMBH [DE]
- [X] FR 2229625 A1 19741213 - SPATZ CORP [US]
- [X] EP 0048419 A1 19820331 - HENKEL KGAA [DE]
- [X] DE 1210149 B 19660203 - WALTER BATES SPATZ
- [X] US 3268123 A 19660823 - SPATZ WALTER B
- [Y] GB 2083142 A 19820317 - PFEIFFER KUNSTSTOFFTECH GMBH
- [Y] EP 0051790 A1 19820519 - BRAMLAGE GMBH [DE]

Designated contracting state (EPC)
AT BE CH FR GB IT LI LU NL SE

DOCDB simple family (publication)
US 4796786 A 19890110; AT E22050 T1 19860915; CA 1218967 A 19870310; DE 3222492 A1 19831215; DE 3222492 C2 19890601; EP 0097293 A1 19840104; EP 0097293 B1 19860910; JP S59501059 A 19840621; WO 8400026 A1 19840105

DOCDB simple family (application)
US 4757087 A 19870422; AT 83105723 T 19830610; CA 430368 A 19830614; DE 3222492 A 19820615; EP 8300150 W 19830610; EP 83105723 A 19830610; JP 50193283 A 19830610