

Title (en)

Pasty product applicator comprising a porous dispensing device

Title (de)

Ein poröses Spenderelement enthaltender Aufträger eines zähflüssigen Produktes

Title (fr)

Applicateur de produit de consistance visqueuse, comportant un organe de distribution poreux

Publication

EP 0732273 B1 19970502 (FR)

Application

EP 96400352 A 19960220

Priority

FR 9503147 A 19950317

Abstract (en)

[origin: EP0732273A1] The applicator (1) for a viscous product (P) comprises a product reservoir (2) and a rigid applicator (4) having pores (5) in all directions. The applicator porosity is between 1 μ m and 500 μ m. The product has a viscosity chosen so that its passage through the pores by gravity and/or by capillary action is prevented. The product is compressed by a device (M1,M2) which produces a sufficient pressure to push it through the pores when distributing a dose. The first device of compressions (M1) comprises a piston (6) associated with a piston rod (8), having a thread (12), fixed to an activator (10). The piston rod thread screws into a complementary thread (14) on the piston. The second device of compression (M2) comprises a propellant gas and a distribution valve connected to the applicator.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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Cited by

US6039222A; EP3231319A4; CN107810143A; EP1169939A1; FR2810858A1; EP1169938A1; FR2810859A1; US6745781B2; WO0030950A1; US6688317B2; US6322271B1; WO2010083157A3; US6325565B1; US6231259B1; US8701591B2; US6406206B1; US6315482B1; WO0000059A3

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