

Title (en)

Dispensing device for a liquid or pasty product with a wiping element

Title (de)

Vorrichtung zur Ausgabe eines flüssigen oder pastösen Produktes mit einem Abstreifelement

Title (fr)

Dispositif pour distribuer un produit liquide ou pâteux comportant un organe d'essorage

Publication

**EP 0728426 B1 19980401 (FR)**

Application

**EP 96400184 A 19960125**

Priority

FR 9502197 A 19950224

Abstract (en)

[origin: EP0728426A1] An applicator (D) to distribute a liq. or viscous prod. (P) comprises a first part consisting of a reservoir (1) for the prod. surmounted by a neck (2) and equipped with a wiper element (5) made of elastically deformable material; and a second part consisting of a closure (4) to close the neck (2) of the reservoir. The closure (4) includes a shaft (9) which passes through the wiper element (5) and which has an applicator head (7) attached to its free end (8), such that when the closure (4) is in the closed position the applicator head (7) dips into the reservoir (1). The wiper element (5) is configured such that when the closure (4) is withdrawn from the reservoir (1) the wiper element (5) first wipes the shaft (9) and then dilates under the pressure of the applicator head (7), which has a transverse section (S), measured perpendicular to the axis (A-A), that is considerably larger than that (s) of the shaft (9). Pref. the wiper element (5) is made e.g. from an elastomeric material chosen from polyethylene elastomers, polyurethane elastomers, polyester elastomers, polyether-amide block copolymers, polyvinyl elastomers, ethylene-propylene-diene terpolymers (EPDM), sequenced styrene-butadiene polymers (SEBS-SIS), silicones, nitrile rubber or natural rubber.

IPC 1-7

**A45D 40/26**

IPC 8 full level

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CPC (source: EP US)

**A45D 40/267** (2013.01 - EP US)

Cited by

FR2939413A1; FR2951920A1; FR2918255A1; EP1752061A1; US7967519B2; US10010151B2; WO2019129935A1; WO2011055299A1; WO2009007650A3; EP1481607A1; US6659391B1; US8221013B2; US8221015B2; EP1920677B1

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**EP 0728426 A1 19960828; EP 0728426 B1 19980401**; AR 000996 A1 19970827; AT E164496 T1 19980415; BR 9600618 A 19971230; CA 2170193 A1 19960825; CA 2170193 C 19990615; DE 69600207 D1 19980507; DE 69600207 T2 19980723; ES 2119548 T3 19981001; FR 2730911 A1 19960830; FR 2730911 B1 19970404; MX 9600703 A 19970228; US 5803638 A 19980908

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