

Title (en)

Device for delivering one or more materials and delivery method using the same

Title (de)

Vorrichtung zur Ausgabe von ein oder mehreren Materialien und Ausgabeverfahren unter Verwendung dieser Vorrichtung

Title (fr)

Dispositif de distribution d'un ou de plusieurs produits et procédé de distribution utilisant un tel dispositif

Publication

EP 1186349 B1 20070815 (FR)

Application

EP 01402332 A 20010910

Priority

FR 0011544 A 20000911

Abstract (en)

[origin: EP1186349A1] The dispenser has a dispenser part for each product and a single supply conduit (12) provided with a product withdrawal point (14,16,18). There are a pair of scrapers (28,30,32) which slide in a sealed manner in the conduit from a product admission post (24) in the conduit where the product is introduced between two scrapers, as far as a product dispensing part. Each withdrawal point is provided with a removable stop (40) against which the upstream scraper is supported during dispensing of the product. The product admission post also has means (34) for the introduction of a pressurized actuating fluid into the conduit for the transfer of the scrapers along the conduit.

IPC 8 full level

B05B 12/14 (2006.01); **F17D 3/08** (2006.01)

CPC (source: EP)

B05B 12/1481 (2013.01); **F17D 3/08** (2013.01)

Cited by

EP1380350A1; RU2707352C1; DE10235102A1; DE10235102B4; FR2867701A1; EP1577017A3; US7044153B2; US7347649B2; WO2016066247A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Designated extension state (EPC)

RO SI

DOCDB simple family (publication)

EP 1186349 A1 20020313; **EP 1186349 B1 20070815**; AT E369921 T1 20070915; DE 60129898 D1 20070927; FR 2813876 A1 20020315; FR 2813876 B1 20030328

DOCDB simple family (application)

EP 01402332 A 20010910; AT 01402332 T 20010910; DE 60129898 T 20010910; FR 0011544 A 20000911