

Title (en)

Applicator and device for storage and application comprising such an applicator

Title (de)

Auftragevorrichtung und Aufbewahrungs- und Ausgabevorrichtung mit einer solchen Auftragevorrichtung

Title (fr)

Applicateur et dispositif de conditionnement et d'application comportant un tel applicateur

Publication

**EP 1454561 B1 20110713 (FR)**

Application

**EP 04290577 A 20040303**

Priority

FR 0302546 A 20030303

Abstract (en)

[origin: EP1454561A1] The applicator has an application unit with a support (15) in plastic material for carrying a bundle of bristles (20). The bundle has an end defining a row of bristles (50) extending in a longitudinal direction of the support. The bundle is divided at a distance from the end in to two sub-bundles. The sub-bundles define another (30) and third rows of bristles (40) extending partly at an end of the support. An independent claim is also included for a packing and application device.

IPC 8 full level

**A45D 34/04** (2006.01); **A46B 9/02** (2006.01); **A45D 34/00** (2006.01); **A46D 1/00** (2006.01)

CPC (source: EP KR)

**A46B 9/021** (2013.01 - EP); **A46D 1/00** (2013.01 - EP); **G10D 3/14** (2013.01 - KR); **G10G 7/02** (2013.01 - KR); **A46B 2200/1053** (2013.01 - EP); **A46B 2200/106** (2013.01 - EP)

Cited by

EP3272248A3; EP2345342A1; FR2897762A1; EP1647202A1; EP2281478A3; US8042555B2; US7314050B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 1454561 A1 20040908; EP 1454561 B1 20110713**; BR PI0400387 A 20050104; BR PI0400387 B1 20130910; CN 1234311 C 20060104; CN 1526341 A 20040908; ES 2368841 T3 20111122; FR 2851899 A1 20040910; FR 2851899 B1 20060623; JP 2004261602 A 20040924; JP 4162614 B2 20081008; KR 100574086 B1 20060427; KR 20040078068 A 20040908

DOCDB simple family (application)

**EP 04290577 A 20040303**; BR PI0400387 A 20040303; CN 200410007503 A 20040302; ES 04290577 T 20040303; FR 0302546 A 20030303; JP 2004059382 A 20040303; KR 20040013949 A 20040302