

Title (en)

Applicator with steady annular clearance, in particular for mascara or similar cosmetics

Title (de)

Applikator mit haltendem Ringspalt, insbesondere für Mascara oder ähnliche Kosmetika

Title (fr)

Applicateur doté d'une fente annulaire de maintien, notamment pour du mascara ou des cosmétiques analogues

Publication

**EP 2092844 B1 20110105 (DE)**

Application

**EP 09006970 A 20050811**

Priority

EP 05017440 A 20050811

Abstract (en)

[origin: EP1752063A1] The applicator has an oblong main body connectable to a rod. The main body is made of a comparatively hard synthetic material, and a tubular bristle body having bristle-like radially outwardly projecting extensions made of a relatively soft synthetic material. The bristle body (3) is axially fixed relative to the main body (2) so that the main body has, at a free far end (8), a fixation cap (12) overlapping the bristle body. The main body has a bead (6) engaging into a corresponding groove (7) of the bristle body. The cap has a rod extension (13) engaging into a cavity (14) of the main body.

IPC 8 full level

**A45D 40/26** (2006.01); **A46B 1/00** (2006.01)

CPC (source: EP US)

**A45D 40/262** (2013.01 - EP US); **A46B 9/021** (2013.01 - EP US); **A46B 9/028** (2013.01 - EP US); **A46D 1/00** (2013.01 - EP US); **A46D 1/0253** (2013.01 - EP US); **A46B 2200/1053** (2013.01 - EP US); **A46B 2200/106** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1752063 A1 20070214**; **EP 1752063 B1 20090617**; AT E433686 T1 20090715; AT E483376 T1 20101015; AT E493906 T1 20110115; DE 202005021726 U1 20090730; DE 202005021727 U1 20090813; DE 202005021729 U1 20090730; DE 202005021730 U1 20090730; DE 502005007516 D1 20090730; DE 502005010362 D1 20101118; DE 502005010824 D1 20110217; EP 2092843 A1 20090826; EP 2092843 B1 20101006; EP 2092844 A1 20090826; EP 2092844 B1 20110105; JP 2007044501 A 20070222; JP 4982128 B2 20120725; PL 1752063 T3 20090930; PL 2092843 T3 20110429; PL 2092844 T3 20110630; US 2007033760 A1 20070215; US 8042554 B2 20111025

DOCDB simple family (application)

**EP 05017440 A 20050811**; AT 05017440 T 20050811; AT 09006969 T 20050811; AT 09006970 T 20050811; DE 202005021726 U 20050811; DE 202005021727 U 20050811; DE 202005021729 U 20050811; DE 202005021730 U 20050811; DE 502005007516 T 20050811; DE 502005010362 T 20050811; DE 502005010824 T 20050811; EP 09006969 A 20050811; EP 09006970 A 20050811; JP 2006203241 A 20060726; PL 05017440 T 20050811; PL 09006969 T 20050811; PL 09006970 T 20050811; US 50111606 A 20060809