

Title (en)

COSMETIC APPLICATOR WITH DISPARATE MATERIAL APPLICATION ZONES AND BACKWIPE RETURN

Title (de)

KOSMETISCHER APPLIKATOR MIT VERSCHIEDENEN APPLIKATIONSBEREICHEN UND ABWISCHRÜCKFÜHRUNG

Title (fr)

APPLICATEUR DE COSMÉTIQUE AVEC ZONES D'APPLICATION DISTINCTES ET RETOUR DE L'ESSUYEUR

Publication

EP 2448443 A4 20131218 (EN)

Application

EP 10772859 A 20100506

Priority

- US 2010033941 W 20100506
- US 17596509 P 20090506
- US 71051710 A 20100223

Abstract (en)

[origin: WO2010129818A2] A cosmetic applicator (10) with disparate material application zones (18, 20, 22) and a backwipe return for permitting the achievement of multiple cosmetic material application effects with a single applicator (10) and for permitting the return of backwiped cosmetic material to a cosmetic bottle (52). The applicator has a wire core (34) formed from first and second wire segments twisted into a helical configuration to form a plurality of coils. A plurality of radially disposed bristles are retained by the wire core (34) to form a brush head (16). Multiple distinct bristle zones (18, 20, 22) of different bristle types exhibit distinct material application properties in a single cosmetic applicator (10). Backwiped cosmetic material can be returned to the cosmetic bottle (52) by a sloped shoulder (45) at a proximal end of an applicator rod (12) in combination with a cosmetic material passageway (78) in a sloped facing surface of a flexible inner ring (76) of a wiper (58).

IPC 8 full level

A45D 34/04 (2006.01); **A45D 40/26** (2006.01)

CPC (source: EP US)

A45D 40/267 (2013.01 - EP US); **A46B 9/021** (2013.01 - EP US); **A46B 3/16** (2013.01 - EP US); **A46B 3/18** (2013.01 - EP US); **A46B 2200/1053** (2013.01 - EP US)

Citation (search report)

- [X] US 5482059 A 19960109 - MIRAGLIA LORETTA A [US]
- [X] US 2007204873 A1 20070906 - KIM YOON-HOI [KR]
- [A] US 3214782 A 19651102 - MASTERS EDWARD J, et al
- See references of WO 2010129818A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010129818 A2 20101111; **WO 2010129818 A3 20110324**; EP 2448443 A2 20120509; EP 2448443 A4 20131218; EP 2448443 B1 20161116; US 2011048448 A1 20110303

DOCDB simple family (application)

US 2010033941 W 20100506; EP 10772859 A 20100506; US 71051710 A 20100223