

Title (en)  
Mascara brush

Title (de)  
Mascarabürstchen

Title (fr)  
Brosse de mascara

Publication  
**EP 2407051 A1 20120118 (EN)**

Application  
**EP 10172085 A 20100805**

Priority  
JP 2010157734 A 20100712

Abstract (en)

In this mascara brush (1,11,21,31), a large number of the brush bristle materials (5,15,25,35) are radially provided around a core material (6,16,26,36). The mascara brush (1,11,21,21) has a brush portion (4,14,24,34) which is constituted of the radial brush bristle materials (5,15,25,35) gathered around the core material (6,16,26,36) and formed into a bundle along a core axial direction (L1,L21,L31). Around the brush portion (4,14,24,34), there is a space around (7,17a,17b,27a,37) the core material (6,16,26,36) along the core axial direction (L1,L21,L31). The brush portion (4,14,24,34) may have hook portions (5b) bent like hooks at the front ends of the radial brush bristle materials (5,15,25,35). The brush portion (4,14,24,34) may be configured so that, as viewed from the core axial direction (L1,L21,L31), a central portion of the radial brush bristle materials (5,15,25,35) is long, and the radial brush bristle materials (5,15,25,35) are gradually shortened from the central portion toward the sides.

IPC 8 full level

**A46B 3/18** (2006.01); **A46B 7/04** (2006.01); **A46B 9/02** (2006.01)

CPC (source: EP US)

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**A46D 1/0253** (2013.01 - EP US); **A46B 2200/106** (2013.01 - EP US)

Citation (applicant)

JP H05228018 A 19930907 - SHINOHARA SHOTEN KK

Citation (search report)

- [X] EP 1475013 A1 20041110 - RND GROUP LLC [US]
- [X] FR 2916328 A1 20081128 - OREAL [FR]
- [E] FR 2946233 A1 20101210 - ALCAN PACKAGING BEAUTY SERV [FR]
- [E] WO 2011013098 A1 20110203 - OREAL [FR], et al
- [X] WO 0145531 A2 20010628 - COLOR ACCESS INC [US]

Citation (examination)

EP 1665952 A2 20060607 - BEIERSDORF AG [DE]

Cited by

EP2653058A4

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

Designated extension state (EPC)

BA ME RS

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DOCDB simple family (application)

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TW 99123608 A 20100719; US 80604210 A 20100804