

Title (en)
Brush with a concave side view profile

Title (de)
Bürste mit einem in Seitenansicht konkavem Profil

Title (fr)
Brosse à profil plan-concave

Publication
EP 0811337 B1 19980923 (FR)

Application
EP 97401013 A 19970505

Priority
FR 9607109 A 19960607

Abstract (en)
[origin: EP0811337A1] The mascara brush (200) has a rod (201) defining a principal axis (X-X), a flexible core (202) having first (208.a) and second (208.b) ends. The first end is fixed to the rod. Bristles are radially implanted in the core and their ends define the brush surface. This surface has a first face (207.1). The intersection of the meridian plane passing through the principal axis with the brush surface defines two curved crest lines (207). The core is curved, the crest lines are concave and the first face is straight and parallel to the principal axis. The intersection of the brush surface with the plane perpendicular to the core defines a section (206) and the core is the central relative to each section. The brush surface has a second face (207.2) and the crest lines pass through a maximum in this second face.

IPC 1-7
A46B 9/02; **A46B 3/18**

IPC 8 full level
A45D 34/04 (2006.01); **A46B 3/18** (2006.01); **A46B 9/02** (2006.01); **B05C 17/00** (2006.01)

CPC (source: EP US)
A46B 3/18 (2013.01 - EP US); **A46B 9/02** (2013.01 - EP US); **A46B 9/021** (2013.01 - EP US); **A46B 2200/1053** (2013.01 - EP US)

Cited by
DE10235193A1; US6375941B1; US7820151B2; US7923002B2; WO2014147513A1; US8932573B2

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0811337 A1 19971210; **EP 0811337 B1 19980923**; BR 9702444 A 19980707; CA 2208317 A1 19971207; CA 2208317 C 19991026; CN 1100510 C 20030205; CN 1179930 A 19980429; DE 69700027 D1 19981029; DE 69700027 T2 19990318; ES 2125113 T3 19990216; FR 2749490 A1 19971212; FR 2749490 B1 19980807; JP 2845860 B2 19990113; JP H1080322 A 19980331; US 5860432 A 19990119; US RE38019 E 20030311

DOCDB simple family (application)
EP 97401013 A 19970505; BR 9702444 A 19970605; CA 2208317 A 19970606; CN 97114949 A 19970606; DE 69700027 T 19970505; ES 97401013 T 19970505; FR 9607109 A 19960607; JP 14932697 A 19970606; US 76170101 A 20010118; US 86814897 A 19970603