

Title (en)
Mascara brush and method of making a mascara brush.

Title (de)
Mascarabürstchen und Verfahren zur dessen Herstellung.

Title (fr)
Brosse destinée à l'application d'un produit cosmétique, en particulier sur les cils ou les cheveux, et procédé de fabrication d'une telle brosse.

Publication
EP 0568400 A1 19931103 (FR)

Application
EP 93400709 A 19930319

Priority
FR 9205146 A 19920427

Abstract (en)
A brush intended for applying a cosmetic product comprises a multitude of bristles (3, 4) implanted transversely in a core. These bristles are formed by a mixture of bristles chosen from at least two groups, namely a first group consisting of bristles (3) of relatively small cross-section, and a second group of bristles (4) of larger cross-section. The bristles (3) of small cross-section are produced in a thermoplastic material having a melting temperature above the melting temperature of the thermoplastic elastomer material from which the bristles (4) of larger cross-section are produced. The melting temperature of the thermoplastic material of the bristles of small cross-section is of the order of 230 DEG to 280 DEG C, whilst the melting temperature of the thermoplastic elastomer material of the bristles of larger cross-section is of the order of 150 DEG to 230 DEG C.
<IMAGE>

IPC 1-7
A46B 9/06; **A46D 9/02**

IPC 8 full level
A46B 3/22 (2006.01); **A45D 34/04** (2006.01); **A46B 3/18** (2006.01); **A46B 9/06** (2006.01); **A46D 1/04** (2006.01); **A46D 1/05** (2006.01); **A46D 9/02** (2006.01)

CPC (source: EP US)
A46B 3/18 (2013.01 - EP US); **A46B 9/06** (2013.01 - EP US); **A46D 9/02** (2013.01 - EP US); **A46B 2200/1053** (2013.01 - EP US); **Y10S 15/05** (2013.01 - US); **Y10S 15/06** (2013.01 - US)

Citation (search report)

- [AD] FR 2637472 A1 19900413 - OREAL [FR]
- [A] EP 0438935 A1 19910731 - ANCHOR ADVANCED PRODUCTS INC [US]
- [A] DE 3433763 C1 19860227 - BLENDAX WERKE SCHNEIDER CO
- [A] GB 2225225 A 19900530 - OREAL [FR]

Cited by
WO2011013098A1; DE19922706A1; DE102009035390A1; FR2976463A1; FR2948543A1; US6397855B1; US8568049B2; US8905050B2; EP3275399B1; EP3275399B2

Designated contracting state (EPC)
DE ES FR GB IT PT

DOCDB simple family (publication)
EP 0568400 A1 19931103; **EP 0568400 B1 19960619**; CA 2093068 A1 19931028; CA 2093068 C 19991026; DE 69303224 D1 19960725; DE 69303224 T2 19970220; ES 2088645 T3 19960816; FR 2690318 A1 19931029; FR 2690318 B1 19940713; JP 3385429 B2 20030310; JP H0622815 A 19940201; US 5345644 A 19940913

DOCDB simple family (application)
EP 93400709 A 19930319; CA 2093068 A 19930331; DE 69303224 T 19930319; ES 93400709 T 19930319; FR 9205146 A 19920427; JP 11934493 A 19930423; US 3685693 A 19930325