

Title (en)  
Applicator brush

Title (de)  
Auftragbürste

Title (fr)  
Brosse d'application

Publication  
**EP 1034722 A2 20000913 (EN)**

Application  
**EP 00105063 A 20000309**

Priority  
• US 26795999 A 19990312  
• US 44135599 A 19991116

Abstract (en)  
An applicator or brush having a twisted wire core and a bristle portion that has a square cross-section. The brush portion is formed from a plurality of plastic filaments. Each plastic filament is crimped medially of its ends by the wire core. The crimping action causes the filament ends to form bristle ends that flare outwardly in various directions from the wire core so as to provides a uniform bristle end distribution throughout the bristle portion. The filament density is about 45 to 60 filaments per helical turn. Each filament has a hollow central core from which two or more bent flanges extend. The area along the central core between adjacent flanges holds mascara by surface tension. <IMAGE>

IPC 1-7  
**A46B 9/02**; **A46D 1/00**

IPC 8 full level  
**A45D 40/26** (2006.01); **A46B 3/18** (2006.01); **A46B 9/02** (2006.01); **A46D 1/00** (2006.01)

CPC (source: EP)  
**A45D 40/265** (2013.01); **A46B 3/18** (2013.01); **A46B 9/021** (2013.01); **A46D 1/00** (2013.01); **A46D 1/0238** (2013.01)

Citation (applicant)  
• US 4887622 A 19891219 - GUERET JEAN-LOUIS [FR]  
• US 4993440 A 19910219 - GUERET JEAN-LOUIS [FR]  
• US 4733425 A 19880329 - HARTEL FRANKLIN J [US], et al

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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1034722 A2 20000913**; **EP 1034722 A3 20030122**; **EP 1034722 B1 20110504**; CA 2300665 A1 20000912; CA 2300665 C 20040525

DOCDB simple family (application)  
**EP 00105063 A 20000309**; CA 2300665 A 20000310