

Title (en)  
Method and device for manufacturing a brush

Title (de)  
Verfahren und Vorrichtung zum Herstellen einer Bürste

Title (fr)  
Procédé et dispositif de fabrication d'une brosse

Publication  
**EP 1262121 A3 20050420 (DE)**

Application  
**EP 02010360 A 20020507**

Priority  
DE 10126631 A 20010531

Abstract (en)  
[origin: EP1262121A2] To produce a brush, and especially a toothbrush, a strand (4) of a single filament or a filament bundle is drawn off a bobbin (2) to a cutter (12), where a given length is severed. The cut filaments are carried by an air stream to be fitted to the brush carrier. The cut length is carried through a guide channel (16) to at least one holding channel (22), preferably at the perforated field plate (6) covering the injection mold, to form the toothbrush body.

IPC 1-7  
**A46D 1/08**; **A46D 3/04**

IPC 8 full level  
**A46D 1/08** (2006.01)

CPC (source: EP US)  
**A46D 1/08** (2013.01 - EP US)

Citation (search report)  
• [A] US 4609228 A 19860902 - BICKEL WOLFGANG [DE]  
• [A] US 4884849 A 19891205 - SHAW RICHARD J [US]  
• [A] GB 895890 A 19620509 - JOSEF BAER  
• [A] EP 1034723 A1 20000913 - BOUCHERIE NV G B [BE]  
• [A] US 5454626 A 19951003 - SCHIFFER CARL [DE], et al  
• [A] EP 0262892 A2 19880406 - SEIDLER DAVID

Cited by  
EP2876191A1; DE102009013723A1

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

DOCDB simple family (publication)  
**EP 1262121 A2 20021204**; **EP 1262121 A3 20050420**; **EP 1262121 B1 20070124**; DE 10126631 A1 20021205; DE 50209325 D1 20070315; US 2002180253 A1 20021205; US 6854811 B2 20050215

DOCDB simple family (application)  
**EP 02010360 A 20020507**; DE 10126631 A 20010531; DE 50209325 T 20020507; US 15619802 A 20020529