

Title (en)  
Method and machine for producing brushes

Title (de)  
Verfahren und Maschine zur Herstellung von Bürsten

Title (fr)  
Procédé et machine pour produire des brosses

Publication  
**EP 2305067 A1 20110406 (EN)**

Application  
**EP 09012578 A 20091005**

Priority  
EP 09012578 A 20091005

Abstract (en)  
For producing brushes comprising tuft patterns composed of tufts differing in at least one of shape, color, filament type, filament thickness and filament finishing, a set of tufts is composed for each brush to be produced by inserting tufts into holes of a carrier arranged in a pattern corresponding to the desired tuft pattern. The carriers are moved through a number of successive tufting stations. A single tuft is filled into a particular one of the carrier holes in each of the tufting stations. The tuft pattern in each carrier is thus successively composed by moving the carrier through the number of tufting stations. The set of tufts is ultimately joined with a brush body by one out of several possible methods.

IPC 8 full level  
**A46D 3/04** (2006.01); **A46D 3/08** (2006.01)

CPC (source: EP)  
**A46D 3/04** (2013.01); **A46D 3/045** (2013.01); **A46D 3/082** (2013.01); **A46B 2200/1066** (2013.01)

Citation (applicant)  
• EP 0972464 B1 20040303 - BOUCHERIE NV G B [BE]  
• EP 0972465 B1 20030402 - BOUCHERIE NV G B [BE]

Citation (search report)  
• [XY] US 5588714 A 19961231 - BOUCHERIE LEONEL P [BE]  
• [XY] DE 10335996 A1 20050224 - ZAHORANSKY ANTON GMBH & CO [DE]  
• [XY] GB 1599249 A 19810930 - ZAHORANSKY H  
• [A] US 6290302 B1 20010918 - BOUCHERIE BART GERARD [BE]

Cited by  
BE1021817B1; BE1021677B1

Designated contracting state (EPC)  
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)  
AL BA RS

DOCDB simple family (publication)  
**EP 2305067 A1 20110406; EP 2305067 B1 20131211**

DOCDB simple family (application)  
**EP 09012578 A 20091005**