

Title (en)  
BRISTLE AND METHOD FOR PRODUCING A BRISTLE

Title (de)  
BORSTE UND VERFAHREN ZUR HERSTELLUNG EINER BORSTE

Title (fr)  
FILAMENT ET PROCEDE POUR PRODUIRE DES FILAMENTS

Publication  
**EP 2224830 B1 20180228 (DE)**

Application  
**EP 08867711 A 20081126**

Priority  
• EP 2008009995 W 20081126  
• DE 102007063154 A 20071229

Abstract (en)  
[origin: WO2009083077A2] The invention relates to a hairbrush, bristles for use in a hairbrush and a method of producing a hairbrush and such bristles. The invention discloses in particular a method of producing a bristle, in which mouldable material is introduced into a multi-part mould which can be separated into its individual parts, and a bristle having a bristle head, a bristle shank and a bristle foot is produced and a bristle shank is moulded using a first mould part, wherein mouldable material is introduced into a first cavity of the first mould part and subsequently removed from the first cavity of the first mould part, wherein the first cavity of the first mould part is maintained and the bristle foot is moulded using a second mould part and a third mould part, wherein the second and third mould parts together form a second cavity, of which the shape corresponds essentially to the shape of the bristle foot which is to be moulded, and the second cavity is filled with the mouldable material and the second and the third mould parts are subsequently separated, and the bristle head is moulded using a fourth mould part and a fifth mould part, wherein the fourth and fifth mould parts together form a third cavity, of which the shape corresponds essentially to the shape of the bristle head which is to be moulded, and the third cavity is filled with the mouldable material and the fourth and the fifth mould parts are subsequently separated.

IPC 8 full level  
**A46D 1/00** (2006.01); **A46B 3/20** (2006.01)

CPC (source: EP US)  
**A46B 3/20** (2013.01 - EP US); **A46D 1/00** (2013.01 - EP US); **A46D 1/0253** (2013.01 - EP US); **A46D 1/0284** (2013.01 - EP US);  
**A46B 2200/102** (2013.01 - EP US); **A46B 2200/104** (2013.01 - EP US)

Cited by  
WO2014108511A2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102007063154 A1 20090709**; CN 101909485 A 20101208; CN 101909485 B 20121107; CN 102302272 A 20120104;  
CN 102302272 B 20160511; EP 2224830 A2 20100908; EP 2224830 B1 20180228; JP 2011506004 A 20110303; JP 5204853 B2 20130605;  
RU 2010121721 A 20120210; RU 2469632 C2 20121220; US 2010282268 A1 20101111; US 8414818 B2 20130409;  
WO 2009083077 A2 20090709; WO 2009083077 A3 20091126

DOCDB simple family (application)  
**DE 102007063154 A 20071229**; CN 200880123224 A 20081126; CN 201110190210 A 20081126; EP 08867711 A 20081126;  
EP 2008009995 W 20081126; JP 2010538391 A 20081126; RU 2010121721 A 20081126; US 74394408 A 20081126