

Title (en)  
BRUSHES AND PROCESS FOR PRODUCING THE SAME

Title (de)  
BÜRSTE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)  
BROSSES ET LEUR PROCEDE DE FABRICATION

Publication  
**EP 0888072 B1 19991208 (DE)**

Application  
**EP 96923964 A 19960627**

Priority  
EP 9602822 W 19960627

Abstract (en)  
[origin: WO9749313A1] The invention relates to a brush, in particular a toothbrush, with a brush head and at least one bundle of flexible bristles. Preferably at least one support member for lateral support of at least one bristle bundle is provided on the brush head. The effective free length of the bristles of a bristle bundle is variable due to the profile of the bristle base inside the bristle bundle. The stability of the bristle bundle is consequently improved and the brush can be used for a longer period with sufficiently high flexibility of the bristles or bristle bundle. The invention also relates to a process for producing said brush.

IPC 1-7  
**A46B 3/16**; **A46B 9/12**

IPC 8 full level  
**A46B 3/16** (2006.01); **A46B 9/12** (2006.01)

CPC (source: EP US)  
**A46B 3/16** (2013.01 - EP US); **A46B 9/12** (2013.01 - EP US); **A46B 2200/1066** (2013.01 - EP US)

Cited by  
DE102011017099A1; DE102009009034A1; WO2020215306A1; WO03075711A1; US6957469B2; EP2210521A2; DE102009005708A1; EP2632293B1

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

DOCDB simple family (publication)  
**WO 9749313 A1 19971231**; DE 59603890 D1 20000113; EP 0888072 A1 19990107; EP 0888072 B1 19991208; US 6311360 B1 20011106; WO 9800047 A1 19980108

DOCDB simple family (application)  
**EP 9703366 W 19970626**; DE 59603890 T 19960627; EP 9602822 W 19960627; EP 96923964 A 19960627; US 21516298 A 19981218