

Title (en)

METHOD AND DEVICE FOR PRODUCING BRISTLED ARTICLES AND BRISTLED ARTICLES PRODUCED ACCORDING THERETO

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON BORSTENWAREN UND DANACH HERGESTELLTE BORSTENWARE

Title (fr)

PROCEDE ET DISPOSITIF DE FABRICATION DE BROSSES, ET BROSSES FABRIQUEES AINSI

Publication

EP 0812143 B1 20010509 (DE)

Application

EP 96904077 A 19960214

Priority

- DE 19506597 A 19950227
- EP 9600616 W 19960214

Abstract (en)

[origin: DE19506597A1] Bristled articles comprise a rubber-elastic carrier having at least one recess accommodating a cluster of bristles which comprises at its fastening-side end a thickened portion which connects the bristles and whose cross-section is larger than that of the cluster and larger than the narrowest cross-section of the recess. The resilience of the carrier material is set as a function of the ratio of the cross-sections of the recess and thickened portion such that the cluster of bristles can be driven into the recess by a force acting on the thickened portion and, when the cluster of bristles has been driven in, the thickened portion is held in an interlocking manner as a result of resilient recovery of the bristle material. The length of the bristle cluster located in the carrier is tightly embraced thereby.

IPC 1-7

A46D 3/00; A46B 3/20

IPC 8 full level

A46B 3/20 (2006.01); A46D 3/00 (2006.01)

CPC (source: EP KR)

A46B 3/20 (2013.01 - EP KR); A46B 5/0029 (2013.01 - EP); A46D 3/00 (2013.01 - EP KR); A46B 2200/1066 (2013.01 - EP)

Cited by

EP4042902A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9626658 A1 19960906; AR 001037 A1 19970827; AT E200961 T1 20010515; AU 4831196 A 19960918; AU 698713 B2 19981105; BR 9607048 A 19971230; CA 2212721 A1 19960906; CN 1176582 A 19980318; CZ 230897 A3 19971112; DE 19506597 A1 19960829; DE 59606881 D1 20010613; EA 000153 B1 19981029; EA 199700202 A1 19980226; EP 0812143 A1 19971217; EP 0812143 B1 20010509; ES 2158287 T3 20010901; FI 973534 A0 19970827; FI 973534 A 19970827; HU P9702429 A2 19980528; HU P9702429 A3 20000728; IN 186776 B 20011103; JP H11500932 A 19990126; KR 19980702560 A 19980715; MX 9706372 A 19971129; NO 973937 D0 19970827; NO 973937 L 19970827; PL 182670 B1 20020228; PL 321940 A1 19980105; TW 302274 B 19970411; UA 46009 C2 20020515; ZA 961523 B 19960903

DOCDB simple family (application)

EP 9600616 W 19960214; AR 10152696 A 19960226; AT 96904077 T 19960214; AU 4831196 A 19960214; BR 9607048 A 19960214; CA 2212721 A 19960214; CN 96192185 A 19960214; CZ 230897 A 19960214; DE 19506597 A 19950227; DE 59606881 T 19960214; EA 199700202 A 19960214; EP 96904077 A 19960214; ES 96904077 T 19960214; FI 973534 A 19970827; HU P9702429 A 19960214; IN 277CA1996 A 19960215; JP 52598596 A 19960214; KR 19970705966 A 19970827; MX 9706372 A 19960214; NO 973937 A 19970827; PL 32194096 A 19960214; TW 85101914 A 19960215; UA 97094793 A 19960214; ZA 961523 A 19960226