

Title (en)

PROCESS FOR PRODUCING BRISTLE MATERIAL FOR BRISTLE GOODS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BORSTENMATERIAL FÜR BORSTENWAREN

Title (fr)

PROCEDE DE PRODUCTION DE MATERIAU POUR POILS DE BROSSERIE POUR ARTICLES A POILS DE BROSSERIE

Publication

EP 0895455 B1 20000719 (DE)

Application

EP 97920705 A 19970417

Priority

- DE 19616309 A 19960424
- EP 9701916 W 19970417

Abstract (en)

[origin: DE19616309A1] In order to produce bristle material for bristle goods with various types of plastic bristles produced by being extruded as endless monofilaments, various types of endless monofilaments having the desired composition for the finished bristle goods are gathered into a mixed skein and wound up, and the mixed skein is then cut into the lengths of bristle material required for the bristle goods.

IPC 1-7

A46D 1/08; A46D 1/00

IPC 8 full level

A46D 1/00 (2006.01); **A46D 1/08** (2006.01)

CPC (source: EP KR US)

A46D 1/00 (2013.01 - EP KR US); **A46D 1/08** (2013.01 - EP KR US)

Cited by

CZ300258B6

Designated contracting state (EPC)

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

DOCDB simple family (publication)

US 6048478 A 20000411; AR 006839 A1 19990929; AT E194760 T1 20000815; AU 2699097 A 19971112; AU 711567 B2 19991014; BR 9708821 A 19990803; CA 2251868 A1 19971030; CN 1108772 C 20030521; CN 1216906 A 19990519; CZ 339198 A3 19990317; DE 19616309 A1 19971030; DE 19780329 D2 19990701; DE 59702061 D1 20000824; EP 0895455 A1 19990210; EP 0895455 B1 20000719; ES 2148973 T3 20001016; ID 16585 A 19971016; IN 189989 B 20030531; JP 2000508932 A 20000718; KR 20000010632 A 20000225; NO 984984 D0 19981026; NO 984984 L 19981222; PL 329505 A1 19990329; RU 2171611 C2 20010810; TR 199802121 T2 19990322; TW 339365 B 19980901; WO 9739651 A1 19971030; ZA 973399 B 19971202

DOCDB simple family (application)

US 17100198 A 19981009; AR P970101689 A 19970424; AT 97920705 T 19970417; AU 2699097 A 19970417; BR 9708821 A 19970417; CA 2251868 A 19970417; CN 97194132 A 19970417; CZ 339198 A 19970417; DE 19616309 A 19960424; DE 19780329 T 19970417; DE 59702061 T 19970417; EP 9701916 W 19970417; EP 97920705 A 19970417; ES 97920705 T 19970417; ID 971345 A 19970423; IN 653CA1997 A 19970416; JP 53770397 A 19970417; KR 19980708537 A 19981024; NO 984984 A 19981026; PL 32950597 A 19970417; RU 98121015 A 19970417; TR 9802121 T 19970417; TW 86104972 A 19970417; ZA 973399 A 19970421