

Title (en)

PROCESS FOR MANUFACTURING A PLUSH-TYPE CLEANING CLOTH AND CLEANING CLOTH OR CLEANING GLOVE SO OBTAINED

Publication

EP 0422086 B1 19930505 (DE)

Application

EP 89907703 A 19890628

Priority

DE 3821857 A 19880629

Abstract (en)

[origin: WO9000209A1] In a process for manufacturing a plush-type cleaning cloth from pile fabric, a coating of thermoplastic pile fibres is welded to a base structure of thermoplastic fibres at a temperature of 423 to 433 K (150 to 160C). The pile fibres used have different melt temperature and shrink temperature properties and are spread flat so that a first fraction of the pile fibres shrinks at the welding temperature and a second fraction of the pile fibres does not shrink or shrinks less than the first fraction. The first fraction of the pile fibres comprises approximately 60 % of the total amount and its crimped, harder structure enhances the scraping action.

IPC 1-7

A47L 13/18; B24D 15/04; D03D 27/00

IPC 8 full level

A47L 13/16 (2006.01); **A47L 13/18** (2006.01); **B24D 15/04** (2006.01); **D03D 27/00** (2006.01); **D06C 23/04** (2006.01); **D06C 27/00** (2006.01)

CPC (source: EP)

A47L 13/18 (2013.01); **D03D 27/00** (2013.01)

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9000209 A1 19900111; CA 1307658 C 19920922; DE 3821857 A1 19900104; DE 3821857 C2 19910627; DE 58904293 D1 19930609; EP 0422086 A1 19910417; EP 0422086 B1 19930505; ES 2015158 A6 19900801; JP H04501586 A 19920319; JP H074337 B2 19950125

DOCDB simple family (application)

EP 8900727 W 19890628; CA 603842 A 19890623; DE 3821857 A 19880629; DE 58904293 T 19890628; EP 89907703 A 19890628; ES 8902256 A 19890627; JP 50720989 A 19890628