

Publication

EP 0828019 A3 19980318

Application

EP 96118757 A 19961122

Priority

DE 19636722 A 19960910

Abstract (en)

[origin: EP0828019A2] The invention relates to a composite fabrics, comprising woven material or knitted fabrics and at least one non-woven layer, wherein the woven material or knitted fabrics and the fleece non-woven layer(s) are glued together. Also disclosed is a method for the production of the composite fabrics and its use as a stiffening insert, especially as a plate insert, e.g. for strengthening and upholstery of sleeves in the elbow area, strengthening of waistbands or caps and/or hats.

IPC 1-7

D04H 13/00

IPC 8 full level

A41D 31/02 (2006.01); **A41D 27/06** (2006.01); **B32B 5/26** (2006.01); **D03D 1/00** (2006.01); **D03D 15/00** (2006.01); **D04H 1/4334** (2012.01); **D04H 1/593** (2012.01); **D04H 13/00** (2006.01); **D06H 5/00** (2006.01)

CPC (source: EP KR US)

D04H 1/4334 (2013.01 - EP US); **D04H 1/593** (2013.01 - EP US); **D04H 13/00** (2013.01 - EP US); **D06N 7/00** (2013.01 - KR); **Y10T 442/3789** (2015.04 - EP US); **Y10T 442/3813** (2015.04 - EP US); **Y10T 442/494** (2015.04 - EP US)

Citation (search report)

- [X] GB 1095281 A 19671213 - LANTOR LTD
- [X] EP 0730056 A1 19960904 - INVENTA AG [CH]
- [X] GB 1335430 A 19731031 - KUFNER TEXTILWERKE KG
- [DA] US 5241709 A 19930907 - KUFNER JOSEF [DE], et al
- [A] EP 0369046 A1 19900523 - KUFNER TEXTILWERKE GMBH [DE]
- [A] EP 0387117 A1 19900912 - PICARDIE LAINIERE [FR]
- [A] DE 2332492 A1 19750116 - SWH HAEVELIA SPINNEREI WEBEREI
- [A] EP 0080946 A1 19830608 - PICARDIE LAINIERE [FR]

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0828019 A2 19980311; **EP 0828019 A3 19980318**; **EP 0828019 B1 20030924**; AR 009514 A1 20000426; AT E250686 T1 20031015; AU 4384097 A 19980402; AU 735927 B2 20010719; BR 9712024 A 20000118; CN 1077168 C 20020102; CN 1176324 A 19980318; CZ 81499 A3 19990616; DE 19636722 A1 19980312; DE 19636722 C2 19990708; DE 59610739 D1 20031030; DK 0828019 T3 20031215; EE 9900111 A 19991015; ES 2204990 T3 20040501; HK 1008553 A1 19990514; ID 23438 A 20000420; JP H10102375 A 19980421; KR 100450272 B1 20051226; KR 19980023954 A 19980706; LT 4604 B 20000125; LT 99034 A 19990825; LV 12320 A 19990720; LV 12320 B 19991020; PL 186140 B1 20031031; PL 332091 A1 19990830; PT 828019 E 20040130; RU 2198971 C2 20030220; UA 54450 C2 20030317; US 6242372 B1 20010605; WO 9811291 A1 19980319

DOCDB simple family (application)

EP 96118757 A 19961122; AR P970104006 A 19970903; AT 96118757 T 19961122; AU 4384097 A 19970909; BR 9712024 A 19970909; CN 97101038 A 19970122; CZ 81499 A 19970909; DE 19636722 A 19960910; DE 59610739 T 19961122; DK 96118757 T 19961122; EE 9900111 A 19970909; EP 9704933 W 19970909; ES 96118757 T 19961122; HK 98108834 A 19980702; ID 990165 A 19970909; JP 7900297 A 19970312; KR 19970006267 A 19970227; LT 99034 A 19990409; LV 990054 A 19990407; PL 33209197 A 19970909; PT 96118757 T 19961122; RU 99107014 A 19970909; UA 99042040 A 19970909; US 77880897 A 19970103