

Title (en)
Combination yarn for papermaking felts and method for making the same

Title (de)
Kombinationszwirne für Papiermaschinenfilze und Verfahren zu ihrer Herstellung

Title (fr)
Fil combiné pour feutre pour papeterie et son procédé de fabrication

Publication
EP 1536059 A3 20050720 (DE)

Application
EP 04022743 A 20040924

Priority
DE 10346246 A 20031006

Abstract (en)
[origin: DE10346246A1] The base fabric comprises a combination yarn of smooth filaments produced from polyamide and thermoplastic polyurethane. The combination yarn comprises a combination of 1-10,000 monofilaments of polyamide and 20-1 monofilaments of thermoplastic polyurethane. An independent claim is also included for process for production of combination yarn from filaments.

IPC 1-7
D21F 1/00

IPC 8 full level
D02G 3/04 (2006.01); **D02G 3/28** (2006.01); **D02G 3/32** (2006.01); **D03D 1/00** (2006.01); **D03D 15/08** (2006.01); **D03D 15/56** (2021.01); **D21F 1/00** (2006.01); **D21F 7/08** (2006.01)

CPC (source: EP KR)
D02G 3/281 (2013.01 - EP); **D02G 3/447** (2013.01 - EP); **D21F 1/0027** (2013.01 - EP); **D21F 7/08** (2013.01 - EP KR); **D10B 2331/02** (2013.01 - EP); **D10B 2331/10** (2013.01 - EP)

Citation (search report)

- [XA] US 4350731 A 19820921 - SIRACUSANO ELIZABETH
- [A] WO 0051801 A1 20000908 - ALBANY INT CORP [US]
- [PA] US 2004127127 A1 20040701 - EAGLES DANA [US]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 10346246 A1 20050428; AU 2004218633 A1 20050421; BR PI0404346 A 20050614; CA 2483333 A1 20050406; CN 1605668 A 20050413; EP 1536059 A2 20050601; EP 1536059 A3 20050720; JP 2005113365 A 20050428; KR 20050033472 A 20050412

DOCDB simple family (application)
DE 10346246 A 20031006; AU 2004218633 A 20041006; BR PI0404346 A 20041006; CA 2483333 A 20041001; CN 200410083456 A 20040930; EP 04022743 A 20040924; JP 2004294255 A 20041006; KR 20040078909 A 20041005