

Title (en)

Cut resistant yarn especially for the manufacture of protective clothing

Title (de)

Schnittfestes Garn insbesondere für die Herstellung von Schutzkleidung

Title (fr)

Fil résistant à la coupure destiné notamment à la réalisation de vêtements de protection

Publication

EP 1327710 B1 20040728 (FR)

Application

EP 02356273 A 20021230

Priority

FR 0200264 A 20020110

Abstract (en)

[origin: EP1327710A1] The cut-resistant yarn consists of a multifilament extruded glass core (A1), generally of silionne or basalt glass, and an outer covering sleeve of wound filaments (B1) of a thermoplastic or thermo-setting polymer, or a natural or synthetic elastomer which is optionally fluoridated. The glass fibre core comprises up to 60 wt.% and it can incorporate composite or synthetic fibres.

IPC 1-7

D02G 3/44; **D02G 3/18**

IPC 8 full level

D02G 3/36 (2006.01); **D02G 3/18** (2006.01); **D02G 3/44** (2006.01)

CPC (source: EP US)

D02G 3/185 (2013.01 - EP US); **D02G 3/442** (2013.01 - EP US)

Cited by

CN104471128A; EP2112259A1; CN104068485A; WO2009130001A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)

EP 1327710 A1 20030716; **EP 1327710 B1 20040728**; AT E272139 T1 20040815; DE 60200827 D1 20040902; DE 60200827 T2 20050127; DK 1327710 T3 20041129; ES 2225744 T3 20050316; FR 2834522 A1 20030711; FR 2834522 B1 20050513; JP 2003239152 A 20030827; JP 4542746 B2 20100915; PT 1327710 E 20041130; TR 200402273 T4 20041221; US 2003159422 A1 20030828; US 6880321 B2 20050419

DOCDB simple family (application)

EP 02356273 A 20021230; AT 02356273 T 20021230; DE 60200827 T 20021230; DK 02356273 T 20021230; ES 02356273 T 20021230; FR 0200264 A 20020110; JP 2003004123 A 20030110; PT 02356273 T 20021230; TR 200402273 T 20021230; US 33735003 A 20030107