

Title (en)

Process for manufacturing a reinforcing yarn

Title (de)

Verfahren zum Herstellen eines Verstärkungsgarns

Title (fr)

Procede de fabrication d'un fil de renfort

Publication

EP 1179622 B1 20040929 (FR)

Application

EP 01402047 A 20010727

Priority

FR 0010354 A 20000804

Abstract (en)

[origin: US2002014066A1] The object of the invention is a method of manufacturing, by friction spinning, a reinforcing thread (1) for fabric covering or a technical textile intended to be incorporated in a textile base, in which: the spinning machine (7) is supplied with a core thread (2); the spinning machine (7) is supplied simultaneously with a sliver (9) of fibers (3, 4), the said fibers (3, 4) being individualized and then associated with the said core thread (2); in which the sliver (9) of fibers is formed from a mixture of hot-melt fibers (3) and high melting point fibers (4).

IPC 1-7

D01H 4/18; D01H 4/00; D02G 3/38; D02G 3/40

IPC 8 full level

D02G 3/36 (2006.01); **D01H 4/00** (2006.01); **D01H 4/18** (2006.01); **D02G 3/38** (2006.01); **D02G 3/40** (2006.01)

CPC (source: EP KR US)

D01H 4/00 (2013.01 - EP US); **D01H 4/18** (2013.01 - EP US); **D02G 3/36** (2013.01 - EP KR US); **D02G 3/402** (2013.01 - EP US)

Cited by

DE102005041297B4; DE102005041297A1; CN110004542A; CN111996640A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1179622 A1 20020213; EP 1179622 B1 20040929; AT E278056 T1 20041015; CA 2354698 A1 20020204; CZ 20012845 A3 20020313; DE 60105924 D1 20041104; DE 60105924 T2 20060302; DE 60105924 T8 20060608; ES 2227089 T3 20050401; FR 2812667 A1 20020208; FR 2812667 B1 20031128; KR 20020012138 A 20020215; MX PA01007888 A 20030820; PT 1179622 E 20050131; US 2002014066 A1 20020207; US 6725641 B2 20040427

DOCDB simple family (application)

EP 01402047 A 20010727; AT 01402047 T 20010727; CA 2354698 A 20010802; CZ 20012845 A 20010803; DE 60105924 T 20010727; ES 01402047 T 20010727; FR 0010354 A 20000804; KR 20010046837 A 20010802; MX PA01007888 A 20010803; PT 01402047 T 20010727; US 91990501 A 20010802