

Title (en)

METHOD FOR PRODUCING A WEFT THREAD FROM POY POLYESTER

Publication

EP 0223301 B1 19900131 (DE)

Application

EP 86201972 A 19861112

Priority

CH 494485 A 19851120

Abstract (en)

[origin: US4760690A] A process is disclosed for production of a heat-treated, coarse fiber of polyester-POY, whereby the fiber is first twisted and then continuously relaxed and tempered at a temperature from 130 DEG to 250 DEG C. to an extent from 20 to 55%. The slide-resistant fiber produced in this manner, displaying an elongation at break from 150 to 350%, a thermal shrink from +6 to -6% can be employed without further pre-treatment as weft yarn for tire cord webs.

IPC 1-7

D02G 3/48; **D02J 1/22**

IPC 8 full level

D01F 6/62 (2006.01); **D02G 3/48** (2006.01); **D02J 1/00** (2006.01); **D02J 1/22** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP US)

D02G 3/48 (2013.01 - EP US); **D02J 1/22** (2013.01 - EP US); **Y10S 57/902** (2013.01 - EP US)

Cited by

EP0319940A1; EP1288357A1; US5817417A; CN1061396C; DE4316415A1; DE4316415C2; WO8900620A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI LU

DOCDB simple family (publication)

EP 0223301 A1 19870527; **EP 0223301 B1 19900131**; AT E50005 T1 19900215; DE 3668647 D1 19900308; ES 2013712 B3 19900601; JP H0474460 B2 19921126; JP S62133142 A 19870616; US 4760690 A 19880802

DOCDB simple family (application)

EP 86201972 A 19861112; AT 86201972 T 19861112; DE 3668647 T 19861112; ES 86201972 T 19861112; JP 27778486 A 19861120; US 93664886 A 19861120