

Title (en)

PROCESS FOR PRODUCING A POLYESTER WEFT YARN FOR TYRE FABRIC

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SCHUSSGARNES AUS POLYESTER FÜR REIFENKORDGEWEBE

Title (fr)

PROCEDE DE PRODUCTION D'UN FIL DE TRAME EN POLYESTER POUR TOILE DE PNEUMATIQUE

Publication

EP 0748402 B1 19991103 (DE)

Application

EP 96900230 A 19960115

Priority

- CH 9600016 W 19960115
- CH 19695 A 19950125

Abstract (en)

[origin: WO9623091A1] In a process for the continuous production of a multifilament tractile weft yarn of polyester POY filaments for tyre fabric, the polyester POY filament is swirled at an initial titre of 170-260 dtex and immediately thereafter shrunk at an advance of 40-80 % at 230-240 DEG C. The weft yarn obtained has a rough, non-slip surface, a strength of > 7cN/tex, an extension of >= 180 % and a heat-shrink rate (at 160 DEG C) of +2 % to -2 %.

IPC 1-7

D02G 3/48; D02G 1/16; D02J 1/22

IPC 8 full level

B60C 9/00 (2006.01); **D02G 1/16** (2006.01); **D02G 3/48** (2006.01); **D02J 1/22** (2006.01)

CPC (source: EP KR US)

D02G 1/16 (2013.01 - EP US); **D02G 3/48** (2013.01 - EP KR US); **Y10S 57/902** (2013.01 - EP US); **Y10T 428/2913** (2015.01 - EP US); **Y10T 428/2969** (2015.01 - EP US)

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