

Title (en)

Low-shrinking hybrid yarns, method for its production and its use

Title (de)

Schrumpfarme Hybridgarne, Verfahren zu deren Herstellung und deren Verwendung

Title (fr)

Fils hybrides à faible retrait, méthode pour sa fabrication et son utilisation

Publication

EP 0801159 A3 19980916 (DE)

Application

EP 97105367 A 19970401

Priority

DE 19613965 A 19960409

Abstract (en)

[origin: EP0801159A2] Composite yarns comprising reinforcing filaments and matrix filaments consisting of a thermoplastic polymer with a lower m.pt. than the degradation temperature or m.pt. of the reinforcing filament material. The yarns have heat shrinkage values less than or equal to 2 (1) and 5 (3) % in air at 160 and 200 degrees C respectively, measured under a load of 0.0004 cN/tex. The preparation of these yarns is also claimed.

IPC 1-7

D02G 3/04; **D02G 3/18**; **D02G 1/16**

IPC 8 full level

C03B 37/00 (2006.01); **D01F 6/62** (2006.01); **D02G 1/08** (2006.01); **D02G 1/16** (2006.01); **D02G 3/04** (2006.01); **D02G 3/18** (2006.01); **D02G 3/40** (2006.01); **D02G 3/44** (2006.01); **D02J 13/00** (2006.01)

CPC (source: EP US)

D02G 1/16 (2013.01 - EP US); **D02G 3/402** (2013.01 - EP US); **D02G 3/447** (2013.01 - EP US); **D02J 13/001** (2013.01 - EP US); **D10B 2101/06** (2013.01 - EP US); **D10B 2101/08** (2013.01 - EP US); **D10B 2101/14** (2013.01 - EP US); **D10B 2101/16** (2013.01 - EP US); **D10B 2101/20** (2013.01 - EP US); **D10B 2331/021** (2013.01 - EP US); **D10B 2331/04** (2013.01 - EP US); **D10B 2331/061** (2013.01 - EP US); **D10B 2331/14** (2013.01 - EP US); **Y10S 57/908** (2013.01 - EP US); **Y10T 428/2922** (2015.01 - EP US); **Y10T 428/2924** (2015.01 - EP US); **Y10T 428/2925** (2015.01 - EP US); **Y10T 428/2976** (2015.01 - EP US)

Citation (search report)

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