

Title (en)
HIGH-STRENGTH POLYESTER YARN AND PROCESS FOR ITS PREPARATION

Publication
EP 0173221 B1 19891227 (DE)

Application
EP 85110418 A 19850820

Priority
DE 3431831 A 19840830

Abstract (en)
1. An untwisted high-strength polyester yarn for industrial use, wherein the filament-forming substance has a high average molecular weight corresponding to a relative solution viscosity (1.0 g of polymer in 100 ml of dichloroacetic acid at 25 degrees C) of about 1.90 to about 2.20 and the yarn has a heat shrinkage S200 of less than 7%, a degree of elasticity ED20 of at least 90%, a stability quotient SQ of at least 7.5 and a crystallinity of about 57 to about 65%.

IPC 1-7
D01F 6/62; **D02G 3/02**

IPC 8 full level
D02J 1/22 (2006.01); **D01F 6/62** (2006.01); **D02G 3/02** (2006.01)

CPC (source: EP US)
D01F 6/62 (2013.01 - EP US); **D02G 3/02** (2013.01 - EP US); **Y10S 428/902** (2013.01 - EP US); **Y10T 428/2913** (2015.01 - EP US)

Cited by
EP0319940A1; WO9620299A1; EP0450607B1; WO2023274884A1; EP0546859B2

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DOCDB simple family (publication)
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