

Title (en)

A DRAWN POLYESTER YARN HAVING A HIGH TENACITY, A HIGH INITIAL MODULUS AND A LOW SHRINKAGE

Publication

**EP 0456495 A3 19920325 (EN)**

Application

**EP 91304189 A 19910509**

Priority

US 52310090 A 19900511

Abstract (en)

[origin: EP0456495A2] The instant invention is directed to a drawn polyester yarn. This yarn is characterized by an initial secant modulus greater than 150 grams per denier/100%. The yarn may be further characterized by either a shrinkage of less than 8% or a tenacity of greater than 7.5 grams per denier. Alternatively, the yarn is characterized by a tenacity of at least 10 grams per denier, an initial modulus of at least 120 grams per denier/100% and a shrinkage of less than 8%.

IPC 1-7

**D01F 6/62**

IPC 8 full level

**D01F 6/62** (2006.01); **D02J 1/22** (2006.01)

CPC (source: EP KR)

**D01F 6/62** (2013.01 - EP KR)

Citation (search report)

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- [X] PATENT ABSTRACTS OF JAPAN vol. 13, no. 553 (C-663)(3901) 8 December 1989 & JP-A-1 229 807 ( TOYOBO CO LTD ) 13 September 1989

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**EP 91304189 A 19910509**; AU 7625091 A 19910429; BR 9101811 A 19910506; CA 2039851 A 19910405; CN 91103047 A 19910510; JP 10593591 A 19910510; KR 910007574 A 19910510; NO 911821 A 19910510; PT 9762991 A 19910509; ZA 912980 A 19910422