

Title (en)
PROCESS AND APPARATUS FOR STRETCH-SPINNING POLYESTER FIBERS

Publication
EP 0224306 A3 19880302 (DE)

Application
EP 86202042 A 19861118

Priority
CH 501485 A 19851125

Abstract (en)
[origin: EP0224306A2] 1. A process for the single-stage spin-drawing of two or more polyester filaments (3) having an intrinsic viscosity (IV) of from 0.58 to 0.95 by passing the polyester filaments (3) between a feed godet (6) combined with at least one separating roller (7) at a speed of 700-3,000 m/min and a draw take-off godet (10) combined with a separating roller (11) at a final speed of from 3,000 to 6,000 m/min over a draw pin (8) to draw them and then winding them up, characterized in that the polyester filaments (3) are drawn by guiding them around an unheated draw pin (8) with a wrap angle (alpha) of more than 90 degrees and less than 360 degrees.

IPC 1-7
D01D 5/16

IPC 8 full level
D01D 5/16 (2006.01); **D01F 6/62** (2006.01)

CPC (source: EP)
D01D 5/16 (2013.01); **D01F 6/62** (2013.01)

Citation (search report)
• [A] GB 1168767 A 19691029 - SCHWEIZERISCHE VISCOSE [CH]
• [A] FR 1331720 A 19630705 - HOECHST AG
• [AD] FR 2168047 A1 19730824 - ALLIED CHEM [US]
• [AD] FR 2089958 A5 19720107 - RHODIACETA
• [A] CH 284352 B

Cited by
EP0298767A3; US5227110A; EP0400268A3; EP0346641A3; DE3903970A1; DE19808480A1; WO9013688A1; WO2011009498A1; WO8908159A1

Designated contracting state (EPC)
CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0224306 A2 19870603; EP 0224306 A3 19880302; EP 0224306 B1 19901031; DE 3675343 D1 19901206; ES 2019285 B3 19910616

DOCDB simple family (application)
EP 86202042 A 19861118; DE 3675343 T 19861118; ES 86202042 T 19861118