

Title (en)
PROCESS FOR MANUFACTURING A SMOOTH POLYESTER YARN AND YARN SO OBTAINED

Publication
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Application
EP 88908130 A 19881006

Priority
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Abstract (en)
[origin: WO8903437A1] In a process for manufacturing a smooth, dimensionally stable, shrink-resistant polyester filament yarn, the starting product is a polyester POY. The polyester POY (5a) is cold-stretched (5b) in a stretching ratio of 1.8 to 2.5 and then relaxed with an advance of approximately 3 to 10 %. The yarn so obtained has an initial modulus of 600 to 1200 cN/tex, a reversibility limit greater than > 8 cN/tex, and an extensibility less than < 20 % . It is used as a high-strength polyester yarn whenever dimensional stability is essential.

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