

Title (en)

PROCESS FOR HIGH-SPEED SPINNING OF POLYESTER FIBER.

Publication

**EP 0605727 A4 19951011 (EN)**

Application

**EP 93906853 A 19930330**

Priority

- JP 7977192 A 19920401
- JP 9300398 W 19930330

Abstract (en)

[origin: EP0605727A1] A process for the high-speed spinning of polyester fiber with remarkably reduced fluffing and yarn breakage to give a package with an excellent put-up in a stabilized manner, wherein the polyester is spun at a spinning rate of 3,000 m/min or above while applying thereto an aqueous emulsion of a spinning finish mainly comprising a monobasic acid ester having an average molecular weight of 300 to 500 and containing (a) 1-15 wt.% of a polyoxyalkylene glycol copolymer having an average molecular weight of 1,000 or above and (b) 0.1-3 wt.% of an organosiloxane compound or a fluoroalkylated compound.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] DATABASE WPI Section Ch Week 9014, Derwent World Patents Index; Class A87, AN 90-101879
- [A] DATABASE WPI Section Ch Week 9137, Derwent World Patents Index; Class A87, AN 91-271830
- See references of WO 9320268A1

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US5952077A; AU717971B2; US8147956B2; US6695971B2; WO9621668A1; EP0687724B1

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