

Title (en)

Process for the production of uniform POY filaments.

Title (de)

Verfahren zur Herstellung gleichmässiger POY-Filamente.

Title (fr)

Procédé pour la production de filaments POY réguliers.

Publication

EP 0346641 B1 19940824 (DE)

Application

EP 89109056 A 19890519

Priority

DE 3819913 A 19880611

Abstract (en)

[origin: EP0346641A2] Melt-spinning process for the production of preoriented low-crystallinity synthetic filaments characterised by a high uniformity and a possibility of being processed at high speeds in a friction-drafting texturing process, the damping ratio of the spinning yarn between the cooling point and the winding apparatus being less than 0.10 and being defined as a ratio of the range of fluctuation of the yarn tension at the beginning of the yarn draft as described to that at the end of this yarn draft, and the gallette system used being a driven gallette with a free-running tracer roller with multiple looping.

IPC 1-7

D01F 6/62; **D01D 5/098**

IPC 8 full level

D01D 5/098 (2006.01); **D01D 5/16** (2006.01); **D01F 6/62** (2006.01)

CPC (source: EP US)

D01D 5/098 (2013.01 - EP US); **D01D 5/16** (2013.01 - EP US); **D01F 6/62** (2013.01 - EP US)

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Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0346641 A2 19891220; **EP 0346641 A3 19910123**; **EP 0346641 B1 19940824**; DE 3819913 A1 19891221; DE 58908222 D1 19940929; ES 2058384 T3 19941101; US 4940559 A 19900710

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EP 89109056 A 19890519; DE 3819913 A 19880611; DE 58908222 T 19890519; ES 89109056 T 19890519; US 28163688 A 19881209