

Title (en)
Process for producing self-crimping yarns, multifilament yarns containing latent crimp filaments, and multifilament yarns containing developed crimp filaments.

Title (de)
Verfahren zur Herstellung selbstkräuselnder Garne, latente Kräuselfäden enthaltende Multifilamentgarne und Multifilamentgarne mit entwickelten Kräuselfäden.

Title (fr)
Procédé de fabrication de fils autofrisants, fils multifilaments contenant des filaments à frisure latente et fils multifilaments contenant des fils à frisure développée.

Publication
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Application
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Priority
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Abstract (en)
A yarn for producing fabrics with a wool-like hand, is produced by combining textured filaments with longer filaments preferably of larger average denier. The longer filaments thus protrude in loops from the yarn bundle, and have helical cross-sections. The textured filaments are made by spinning and converging molten polymer streams travelling at different velocities, the resulting filaments having periodic denier variations, a latent crimp and a greater shrinkage than the helical cross-section filaments. When heated the latent crimp filaments shrink and acquire a developed crimp, and pull the less-shrinkable helical cross-section filaments into loops.

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D02G 1/18; **D02G 3/34**

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Citation (search report)
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• DE 2811794 A1 19780921 - MONSANTO CO
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EP4165241A4; CN111733470A; EP0126519A3

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EP 0013498 A1 19800723; **EP 0013498 B1 19820922**; CA 1108832 A 19810915; DE 2963755 D1 19821104; JP S5584409 A 19800625; JP S6330404 B2 19880617; KR 840000346 B1 19840326

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EP 79302957 A 19791219; CA 342399 A 19791220; DE 2963755 T 19791219; JP 16491179 A 19791220; KR 790004548 A 19791220