

Title (en)

Conjugate filaments and process for producing same.

Title (de)

Verbundfäden und Verfahren zur Herstellung derselben.

Title (fr)

Filaments conjugués et procédé pour leur fabrication.

Publication

**EP 0123667 A2 19841031 (EN)**

Application

**EP 84870051 A 19840410**

Priority

US 48411083 A 19830411

Abstract (en)

Conjugate filaments are prepared by a spinstretch process wherein two polymers having different terminal velocity distances are melt spun at a spinning speed of at least 1829 mpm to form filaments in which the polymers are arranged in an eccentric configuration along the length of the filaments and then the filaments are stretched in-line at a stretch ratio greater than 1.0 prior to their being collected. According to a preferred embodiment, the polymers consist of two nylon 66 polymers having different relative viscosities and the spinning conditions are selected to provide filaments having a high level of high-load crimp and a low level of boiling water shrinkage which render the filaments particularly useful in the construction of stretch garments and, especially, ladies' leg hose and pantyhose.

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IPC 8 full level

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CPC (source: EP KR)

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