

Title (en)

Looped two component yarn, method for its production and its use as a sewing or embroidery thread

Title (de)

Zweikomponenten-Schlingengarne, Verfahren zu deren Herstellung und deren Verwendung als Nähgarne und Stickgarne

Title (fr)

Fil bouclé à deux composants, procédé pour sa fabrication et son utilisation comme fil à coudre ou à broder

Publication

**EP 0664352 B1 19990317 (DE)**

Application

**EP 95100371 A 19950112**

Priority

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- DE 4430633 A 19940829

Abstract (en)

[origin: EP0664352A1] A bicomponent yarn is made from core filaments and from effect filaments which are formed into surface loops. At least some of the effect filaments are made from polyester with a max. extensibility of 35-170% pref. 35-60%, a birefringence of  $100 \times 10^{-3}$  to  $150 \times 10^{-3}$  esp.  $125 \times 10^{-3}$  to  $140 \times 10^{-3}$ , a thermal shrinkage at 200 degrees C of 3-14%, esp. 5-10% and each filament is less than 1.5 dtex. Also claimed is a process of melt spinning with cooling of the filaments followed by reheating and drawing due to friction with a surrounding gas. Two or more gps. of filaments are then led at different speeds to a texturing jet where they are intermingled and the surface loops are formed. The yarn is then heat set under tension. The difference in feed speeds and the heat setting conditions are arranged so that the effect filaments comprise at least 25 wt.%.

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