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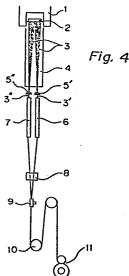
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(54) Highly-shrinkable polyester fiber, process for preparation thereof, blended polyester yarn and process for preparation thereof.

(57) A highly-shrinkable polyester fiber composed of a polyester comprising ethylene terephthalate units as main recurring units and having a birefringence (Δn) of from 0.130 to 0.165, wherein the boiling water shrinkage is at least 30% and the peak temperature and peak value of the thermal stress are 90 to 105°C and at least 0.4 g/de, respectively. The fiber has excellent shrinkability as well as high heat resistance, dimensional stability and alkali resistance and provides a blended polyester yarn excellent in bulkiness and hand.





EUROPEAN SEARCH REPORT

86 10 8904 ΕP

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