

Title (en)

A SEA-ISLAND TYPED COMPOSITE FIBER USED IN WARP KNITTING, AND A PROCESS OF PREPARING FOR THE SAME

Title (de)

INSEL-IMMEER-VERBUNDFASER FÜR KETTGEWIRKE UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

FIBRE COMPOSITE DU TYPE MER-ILE UTILISEE POUR LE TRICOTAGE SUR METIER CHAINE ET PROCEDE DE PREPARATION DE CETTE FIBRE

Publication

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Application

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- KR 20000069141 A 20001121
- KR 20000070774 A 20001127
- KR 20000070775 A 20001127
- KR 20000070776 A 20001127
- KR 20000070777 A 20001127
- KR 20000070778 A 20001127
- KR 20000070779 A 20001127
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Abstract (en)

[origin: WO0242528A1] The present invention relates to a sea-island type composite fiber. The sea-island type composite fiber used in warp knitting which is prepared by the direct spin draw method and by using alkali soluble copolymer polyester as a sea component and polyester mainly consisting of polyethylene terephthalate of more than 90 mole% as an island component, wherein the sea-island type composite fiber is characterized in that it satisfies the following physical properties at the same time: an initial shrinkage starting temperature the composite fiber: 55 SIMILAR 90 DEG C; a maximum thermal stress temperature the composite fiber: 130 SIMILAR 160 DEG C; and a maximum thermal stress per denier the composite fiber: 0.150 SIMILAR 0.250 g. The sea-island type composite fiber prepared by the present invention has good thermal shrinkage properties and excellent raising property and improves the appearance and touch of warp knit fabric.

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IPC 8 full level

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Citation (search report)

- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14 22 December 1999 (1999-12-22)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 03 29 March 1996 (1996-03-29)
- See references of WO 0242528A1

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