

Title (en)

TRI-KNIT COMFORT FABRIC AND METHODS FOR PREPARING AND USING THE FABRIC

Title (de)

DREIFACHGEWIRKTES KOMFORTTEXTIL UND VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG DES TEXTILS

Title (fr)

TEXTILE DE CONFORT À TROIS TRICOTS ET PROCÉDÉS DE PRÉPARATION ET D'UTILISATION DU TISSU

Publication

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Application

**EP 19151082 A 20190110**

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Abstract (en)

This invention provides a tri-knit comfort fabric and a preparation method and application thereof. The preparation method comprises steps of knitting a raw material with a three-thread yarn feeder to obtain a primary fabric, performing a greige fabric stenter finishing process on the knitted primary fabric, dyeing the primary fabric, then dewatering, treating through a flat-width fabric dryer and performing the stenter finishing process to the dyed fabric to obtain the tri-knit comfort fabric. The preparation method of the tri-knit comfort fabric of this invention improves the wearing comfort and moisture wicking function of the three-thread fabric, and the fabric prepared by the three-thread knitting method of adding the polyester component can be iron-free after washing. In addition, its moisture wicking, quick drying, water permeability, breathability and antistatic properties are also very good. It can also be separately added with independent functions such as thermal insulating, ice-feeling, anti-UV, antibacterial, anti-mildew and anti-mite. The process is simple, convenient for mass production, can save a lot of human and material resources, and has a good business prospect.

IPC 8 full level

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[X] US 2016265146 A1 20160915 - LIAO TIANYI [US], et al

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