

Title (en)
MOISTURE-ABSORBING HEAT-GENERATING QUICK-DRYING MOISTURE-RETAINING THERMAL FABRIC AND MANUFACTURING METHOD THEREOF

Title (de)
FEUCHTIGKEITSABSORBIERENDES WÄRMEERZEUGENDES SCHNELLTROCKNENDES FEUCHTIGKEITSBINDENDEN THERMISCHES GEWEBE UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
TISSU THERMIQUE À ABSORPTION D'HUMIDITÉ, GÉNÉRATION DE CHALEUR, SÉCHAGE RAPIDE ET RÉTENTION D'HUMIDITÉ ET PROCÉDÉ DE FABRICATION ASSOCIÉ

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Abstract (en)
The present invention provides a moisture-absorbing heat-generating quick-drying moisture-retaining thermal fabric and manufacturing method thereof. The fabric is woven by a first yarn, a second yarn, a third yarn and a fourth yarn. The first yarn is a regenerated cellulose fiber-type blended yarn made by blending regenerated cellulose fiber with one or more linen, wool or cashmere and cotton fiber, or is a regenerated cellulose long fiber yarn or regenerated cellulose staple fiber yarn. The second yarn is a modified polyester fiber yarn having a non-circular cross section. The third yarn is a cotton fiber-type blended yarn made by blending cotton fiber with one or two of polyester staple fiber or polyacrylonitrile fiber, or is all-cotton yarn. The fourth yarn is polyurethane fiber yarn. The fabric has a moisture-absorption heat-generation value above the national standard, and good moisture-absorption and quick-drying properties, and a thermal value meeting the national standard, and also has a comfortable resilience, and a soft, smooth feel of the surface contacting the skin. In addition, the manufacturing method has a simple process and is easy to operate.

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Cited by
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