

Title (en)

METHOD FOR FUNCTIONALISING A TEXTILE SUBSTRATE IN ORDER TO IMPART HUMIDITY TRANSFER PROPERTIES THERETO

Title (de)

VERFAHREN ZUR FEUCHTIGKEIT TRANSPORTIERENDEN FUNKTIONALISIERUNG EINES TEXTILEN SUBSTRATS

Title (fr)

PROCÉDÉ DE FONCTIONNALISATION D'UN SUBSTRAT TEXTILE EN VUE DE LUI CONFÉRER DES PROPRIÉTÉS DE TRANSFERT D'HUMIDITÉ

Publication

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Application

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Abstract (en)

[origin: WO2010031920A1] The invention relates to a method for functionalising a textile substrate made of a hydrophilic material in order to impart humidity transfer properties thereto, wherein said method includes the steps of: preparing a formulation of at least one hydrophobic material containing at least one group reacting under ionising radiation; forming a discontinuous layer using said formulation on a surface of the textile substrate; and applying an ionising radiation onto said discontinuous layer in order to graft the hydrophobic material on the surface of the substrate by the reaction of the reactive groups.

IPC 8 full level

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