

TEXTILES HAVING ANTIMICROBIAL PROPERTIES

Abstract

The invention relates to a method of manufacturing a textile material with antimicrobial compounds in such a manner to chemically bind or attach said compounds to the textile material, and to the treated textile material which performs as a disinfectant or sterilizer on its own. The treated textile material exhibits wash-durability and non-leaching properties. The process comprises an exhaust process cycle comprising the steps of treating the textile material using an exhaust process, wherein the liquor comprises one or more antimicrobial agents, and subjecting the treated textile material to a heat treatment. The invention further relates to a device for purifying water, which can operate based on gravity and without electricity.

Figure: Nil