

Title (en)  
METHOD FOR PRODUCING ANTIBACTERIAL FABRICS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON ANTIBAKTERIELLEN TEXTILIEN

Title (fr)  
PROCÉDÉ DE PRODUCTION DE TEXTILES ANTIBACTÉRIENS

Publication  
**EP 2513370 B1 20140514 (EN)**

Application  
**EP 09799712 A 20091216**

Priority  
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Abstract (en)  
[origin: WO2011073697A1] The invention relates to a method for producing antibacterial fabrics knitted from pre-treated yarn, where yarn of the fabrics is coated with substance providing shape-retentivity and preventing fluffing in the course of the pre- treatment, afterwards, the fabrics or the parts of the fabrics are knitted from the coated yarn and, subsequently, softening laundering of the fabrics or of the parts of the thereof is carried out, after this, the further necessary operations known themselves are performed. The knitted fabrics or the parts of the knitted fabrics knitted from yarn which was coated with substance providing shape-retentivity and preventing fluffing are washed and/or soaked in a washing water to achieve nanosilver coating in such a way that an alkaline salt of a saturated or an unsaturated organic acid with long carbon chain, as a surfactant, or its solution in water, a silver salt or its solution in water and, then, a reducing agent or its solution in water and sodium carbonate or its solution in water are added into the washing water during and/or after the softening laundering.

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Cited by  
US10760207B2; US11053637B2; US10351807B2; US11292993B2; US10640403B2; US11618696B2; US9689106B2; US10000881B2; US10087568B2; US10774460B2

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