

Title (en)
ANTI-MICROBIAL FIBRES AND THEIR PRODUCTION

Title (de)
ANTIMIKROBIELLE FASERN UND IHRE PRODUKTION

Title (fr)
FIBRES ANTIMICROBIENNES ET LEUR PRODUCTION

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Application
EP 05768044 A 20050804

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Abstract (en)
[origin: WO2006013378A1] Anti-microbial lyocell fibres incorporate an anti-microbial composition which comprises a silver compound deposited on a support material in the form of porous particles having an extended surface area and comprising an oxidic material which is essentially insoluble in water and incapable of forming hydrates. A preferred composition is silver chloride deposited on titanium dioxide particles. The anti-microbial effect is durable to processing and the fibres are not adversely discoloured. Low concentrations of the antimicrobial composition of below 0.1 per cent by weight on weight of cellulose may be used. In the process of making the fibres, the anti-microbial composition preferably is added to the pasty pre-mix of the spinning solution.

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