

Title (en)

PROCESS FOR SIMULTANEOUSLY DESIZING AND DYEING SYNTHETIC FIBERS AND MIXTURES THEREOF

Title (de)

VERFAHREN ZUM GLEICHZEITIGEN ENTSCHLICHTEN UND FÄRBen VON SYNTHETHISCHEN FASERN UND DEREN MISCHUNGEN

Title (fr)

PROCEDE DE DESENCOLLAGE ET TEINTURE SIMULTANES DE FIBRES SYNTHETIQUES ET DE LEURS MELANGES

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Application

EP 96938219 A 19961113

Priority

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Abstract (en)

A process for the desizing and simultaneous dyeing of synthetic fibres and their mixtures, in which it is envisaged that these fibres are pure polyesters and polyamides or polyester/viscose or polyamide/polyacrylic mixtures. The invention is based on the development and application of a new detergent/humectant surfactant which has a dispersant effect far higher than those usually employed. This surfactant is made up on the basis of an alcohol with 8 to 14 carbon atoms, with 2 to 10 moles of propylene oxide mixed with an alcohol between 7 and 15 oxyethylated carbon atoms with 1 to 8 moles of ethylene oxide and then phosphated and/or phosphorylated. The use of this surfactant with other selected products enables desizing and dyeing to be undertaken in processes in succession, with improvements on conventional processes, and savings in time and water are to be stressed.

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