

Title (en)
Lubrication agent for textile fibres.

Title (de)
Mittel zum Glätten von Textilfasermaterialien.

Title (fr)
Agent d'ensimage de fibres textiles.

Publication
EP 0312677 A2 19890426 (DE)

Application
EP 88102420 A 19880219

Priority
DE 3734931 A 19871015

Abstract (en)
[origin: JPH01111065A] PURPOSE: To obtain a smoothing composition for textile fibers, capable of remarkably reducing frictions between fibers and fibers and between fibers and metals without relating to the properties of a fiber base material by using a specific aliphatic polyether singly or together with one or more known smoothing agents in the form of a solution, an emulsion or a dispersion. CONSTITUTION: This smoothing composition for textile fibers contains an aliphatic polyether of the formula (R<1> , R<2> are each a 6-24C alkyl; X is a 2-6C alkylene oxide polymer having a degree of polymerization of 1-25) singly or together with one or more known smoothing agents such as paraffin, polyethylene, aliphatic esters, silicones and/or polyalkylene glycols in the form of a solution, an emulsion or a dispersion. The smoothing composition can remarkably reduce frictions between fibers and fibers and between fibers and metals without relating to the properties of a fiber base material and further remarkably lower needle penetration resistance in sewing works.

Abstract (de)
Die Erfindung betrifft Mittel zum Glätten von Textilfasermaterialien in Form von Lösungen, Emulsionen oder Dispersionen, welche dadurch gekennzeichnet sind, daß diese Mittel aliphatische Polyether der allgemeinen Formel R¹ - X - O - R² mit R¹, R² = gerad- und/oder verzweigt-kettige, gesättigte und/oder ungesättigte, OH-gruppenhaltige oder OH-gruppenfreie Alkylreste natürlichen und/oder synthetischen Ursprungs mit 6 bis 24 C-Atomen und X = Homo- oder Copolymer enthaltend ein oder mehrere C2-6-Alkylendioxe mit einem Polymerisationsgrad von 1 - 25 alleine oder in Kombination mit bekannten Glättmitteln enthalten.

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D06M 13/18

IPC 8 full level
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