

Title (en)  
LUBRIFICATION AGENT FOR TEXTILE FIBRES

Publication  
**EP 0312677 A3 19900418 (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.

IPC 1-7  
**D06M 13/18**

IPC 8 full level  
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CPC (source: EP KR US)  
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Citation (search report)  
• [A] US 4496632 A 19850129 - CAMP RONALD L [US], et al  
• [A] GB 1189581 A 19700429 - TH BOEHME K G CHEM FABRIK [DE]  
• [A] DE 2646543 A1 19780420 - BOEHME CHEM FAB KG  
• [X] DERWENT JAPANESE PATENT GAZETTE, Woche X20, Section Petroleum, Seite 2, Nr 37046 & JP-A-510 38524 (TORAY INDS KK) 31.03.76

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**EP 0312677 A2 19890426**; **EP 0312677 A3 19900418**; **EP 0312677 B1 19921125**; BR 8800843 A 19890523; CA 1322623 C 19930928; DE 3734931 A1 19890503; DE 3876210 D1 19930107; ES 2043698 T3 19940101; JP H01111065 A 19890427; KR 890006911 A 19890616; TR 24322 A 19910912; US 4883604 A 19891128

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