

Title (en)
PROCESS FOR IMPREGNATING ORGANIC FIBRES

Publication
EP 0306935 B1 19920722 (DE)

Application
EP 88114668 A 19880908

Priority
DE 3730413 A 19870910

Abstract (en)
[origin: JPH0197279A] PURPOSE: To impart the feel of pleasant hand with slight yellowing to organic fibers by treating a part of SiC-bonded radicals having basic nitrogen with an organopolysiloxane comprising SiN-bound N-cyclohexylaminoalkyl radicals when improving the touch feeling of the organic fibers. CONSTITUTION: Organic fibers such as natural or synthetic fibers are impregnated with an emulsion prepared by dispersing an organopolysiloxane having SiC- bonded N-cyclohexylaminoalkyl radicals (e.g. SiC-bonded N-cyclohexyl-3- aminopropyl radicals) in a part of SiC-bonded radicals having basic nitrogen in addition to diorganosiloxane units in which both the SiC-bonded organic radicals are monovalent hydrocarbon groups with a polyglycol ether obtained by reacting tributylphenol with ethylene oxide. Thereby, the feel of pleasant hand with slight yellowing is imparted to the fibers.

IPC 1-7
D06M 15/643

IPC 8 full level
C08G 77/26 (2006.01); **D06M 15/643** (2006.01); **D06M 101/00** (2006.01); **D06M 101/02** (2006.01); **D06M 101/16** (2006.01)

CPC (source: EP KR US)
D06M 15/643 (2013.01 - KR); **D06M 15/6436** (2013.01 - EP US); **Y10T 428/31663** (2015.04 - EP US); **Y10T 442/2762** (2015.04 - EP US); **Y10T 442/2803** (2015.04 - EP US); **Y10T 442/2877** (2015.04 - EP US); **Y10T 442/291** (2015.04 - EP US); **Y10T 442/2918** (2015.04 - EP US)

Cited by
EP0350604A3; EP0692567A1; EP0651089A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI NL

DOCDB simple family (publication)
EP 0306935 A2 19890315; **EP 0306935 A3 19891227**; **EP 0306935 B1 19920722**; AT E78531 T1 19920815; AU 2203788 A 19890316; AU 609875 B2 19910509; DE 3730413 A1 19890330; DE 3872993 D1 19920827; JP H0137515 B2 19890808; JP H0197279 A 19890414; KR 890005341 A 19890513; KR 950003854 B1 19950420; US 4874662 A 19891017

DOCDB simple family (application)
EP 88114668 A 19880908; AT 88114668 T 19880908; AU 2203788 A 19880909; DE 3730413 A 19870910; DE 3872993 T 19880908; JP 22368488 A 19880908; KR 880011594 A 19880908; US 24004088 A 19880826