

Title (en)
FINISHING COMPOSITION FOR TEXTILE FIBRES OR FOR TEXTILE PRODUCTS

Publication
EP 0339179 B1 19921125 (DE)

Application
EP 89100606 A 19890114

Priority
DE 3802622 A 19880129

Abstract (en)
[origin: EP0339179A2] Agent for finishing textile fibres or products consisting of textile fibres which contains 0.5 to 80% by weight of a mixture of modified organopolysiloxanes A and B in a weight ratio A : B of 10 : 1 to 1 : 1, the organopolysiloxane A being a linear siloxane containing polyether groups and having at least 40 dialkylsiloxyl units, to which are bonded at least 2 polyether groups, each having a molecular weight of 600 to 4,000 and consisting of 40 to 100 mol% oxyethylene units, the remainder to 100 mol% being oxypropylene units, and the ratio of the number of dialkylsiloxyl units to the number of polyether groups being ≥ 8 , and the organopolysiloxane B being a linear siloxane containing a quaternary ammonium groups and having at least 20 dialkylsiloxyl units, to which siloxane at least 2 quaternary ammonium groups are bonded via carbon, and the ratio of the number of dialkylsiloxyl units to the number of quaternary ammonium groups being ≥ 10 . <??>The agent improves the handle of the finished fibres or fibre products with simultaneous hydrophilisation. This improvement in handle is also achieved in the case of twisted open-end yarns. The finished fibres or fibre products can be readily redyed or overdyed. They have good antielectrostatic properties.

IPC 1-7
D06M 15/643; **D06M 15/647**

IPC 8 full level
D06M 15/643 (2006.01); **D06M 15/647** (2006.01)

CPC (source: EP US)
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Cited by
US6008145A; EP0839947A3; WO0210502A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
DE 3802622 A1 19890810; **DE 3802622 C2 19891102**; DE 58902798 D1 19930107; EP 0339179 A2 19891102; EP 0339179 A3 19910918; EP 0339179 B1 19921125; ES 2037287 T3 19930616; US 4921895 A 19900501

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