

Title (en)
ELECTRICAL INSULATION

Publication
EP 0256340 B1 19900613 (DE)

Application
EP 87110609 A 19870722

Priority
DE 3626409 A 19860804

Abstract (en)
[origin: EP0256340A1] 1. Polyolefin-based electrical insulation, more particularly for cables and leads, for medium and high voltage from approximately 10 kV having an additive to retard water trees, characterised in that it consists of an ethylene copolymer with polar co-component or a polymer blend of polyethylene and the ethylene copolymer, with the proportion of the polar co-component in the copolymer or in the polymer blend amounting to 1 to 5% by weight, and in that it contains as an additive 0.1 to 1.5% by weight pyrogenic silicic acid, relative to the weight of the copolymer or of the polymer blend.

IPC 1-7
C08K 3/36; **H01B 3/44**

IPC 8 full level
C08K 3/36 (2006.01); **H01B 3/44** (2006.01); **H01B 7/282** (2006.01)

CPC (source: EP)
H01B 3/44 (2013.01)

Designated contracting state (EPC)
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EP 87110609 A 19870722; DE 3763270 T 19870722; JP 19362487 A 19870731