

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)  
BE DE

DOCDB simple family (publication)  
**EP 0256340 A1 19880224**; **EP 0256340 B1 19900613**; DE 3763270 D1 19900719; JP S6343209 A 19880224

DOCDB simple family (application)  
**EP 87110609 A 19870722**; DE 3763270 T 19870722; JP 19362487 A 19870731