

Title (en)  
HIGH VOLTAGE ELECTRICAL APPARATUS

Publication  
**EP 0115910 B1 19870408 (EN)**

Application  
**EP 84300116 A 19840109**

Priority  
GB 8300535 A 19830110

Abstract (en)  
[origin: EP0115910A1] Electrical apparatus in which a body of insulating material is subjected to an electrical stress along its surface of at least 10<4> V/m is distinguished in that the body comprises particulate calcium carbonate dispersed in a compatible thermoplastic or elastomeric matrix based on a carbon-chain polymer. Surprisingly this inexpensive white and apparently inert filler is capable of providing compositions that have a failure voltage (according to the tracking resistance test set out in ASTM specification D-2303) of 3.0 kV and above.

IPC 1-7  
**H01B 3/00**

IPC 8 full level  
**H01B 3/00** (2006.01); **H01B 3/44** (2006.01)

CPC (source: EP)  
**H01B 3/006** (2013.01); **H01B 3/441** (2013.01)

Cited by  
EP0592937A3; AU581971B2

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

DOCDB simple family (publication)  
**EP 0115910 A1 19840815; EP 0115910 B1 19870408**; AT E26501 T1 19870415; CA 1208000 A 19860722; DE 3463095 D1 19870514; GB 2134534 A 19840815; GB 2134534 B 19860430; GB 8300535 D0 19830209; GB 8400454 D0 19840208; ZA 839660 B 19840829

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**EP 84300116 A 19840109**; AT 84300116 T 19840109; CA 444676 A 19840104; DE 3463095 T 19840109; GB 8300535 A 19830110; GB 8400454 A 19840109; ZA 839660 A 19831228