

Title (en)  
ELECTRICAL INSULATION MATERIAL WITH INCREASED ELECTRICAL CREEP STRENGTH

Publication  
**EP 0294543 A3 19900509 (DE)**

Application  
**EP 88103274 A 19880303**

Priority  
DE 3717971 A 19870527

Abstract (en)  
[origin: EP0294543A2] Peroxidically crosslinked polyethylenes (CPE) are provided with increased electrical creep strength by incorporating therein organo-silicon compounds or silicon-hydrogen compounds, which do not effect crosslinking, as active compounds in a proportion of between 0.1 and 10 per cent (relative to the plastic).

IPC 1-7  
**H01B 3/44**

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

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

Citation (search report)  
• [X] DE 3312794 A1 19841011 - KABELMETAL ELECTRO GMBH [DE]  
• [X] EP 0025091 A2 19810318 - KABEL METALLWERKE GHH [DE]  
• [XD] DE 1963571 A1 19701029 - MIDLAND SILICONAS LTD  
• [X] GB 1153030 A 19690521 - GEN ELECTRIC [US]

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

DOCDB simple family (publication)  
**EP 0294543 A2 19881214; EP 0294543 A3 19900509**; DD 270794 A1 19890809; DE 3717971 A1 19881208; DK 188888 A 19881128; DK 188888 D0 19880407; NO 881649 D0 19880415; NO 881649 L 19881128; PL 272678 A1 19890220; PT 87167 A 19890531

DOCDB simple family (application)  
**EP 88103274 A 19880303**; DD 31595988 A 19880520; DE 3717971 A 19870527; DK 188888 A 19880407; NO 881649 A 19880415; PL 27267888 A 19880525; PT 8716788 A 19880406