

(19)



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 0 735 545 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
16.04.1997 Bulletin 1997/16

(51) Int Cl.⁶: **H01B 7/28, H01B 3/44**

(43) Date of publication A2:
02.10.1996 Bulletin 1996/40

(21) Application number: **96301806.4**

(22) Date of filing: **15.03.1996**

(84) Designated Contracting States:
**AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL
PT SE**

(30) Priority: **30.03.1995 US 413236**

(71) Applicant: **UNION CARBIDE CHEMICALS &
PLASTICS TECHNOLOGY CORPORATION
Danbury, Connecticut 06817-0001 (US)**

(72) Inventor: **Gross, Laurence Herbert
Bridgewater, New Jersey 08807 (US)**

(74) Representative: **Allard, Susan Joyce et al
BOULT, WADE & TENNANT
27 Furnival Street
London EC4A 1PQ (GB)**

(54) **Tree resistant cable**

(57) A cable comprising one or more electrical conductors, each, or a core of one or more electrical conductors, surrounded by an insulating composition comprising:

(i) a homogeneous polyethylene having a polydis-

persity in the range of about 1.5 to about 3.5 and an essentially uniform comonomer distribution; and, based on 100 parts by weight of component (i),

(ii) about 0.1 to about 20 parts by weight of a polyethylene glycol having a molecular weight in the range of about 1000 to about 30,000.

EP 0 735 545 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 96 30 1806

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	EP 0 090 427 A (UNION CARBIDE) * the whole document *	1,2,4-8	H01B7/28 H01B3/44

A,D	US 4 305 849 A (Y.KAWASAKI & AL) * the whole document *	1,2,4-8	

A,D	EP 0 057 604 A (NIPPON UNICAR) * the whole document *	1,2,4-8	

			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H01B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 18 February 1997	Examiner Drouot, M-C
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

EPO FORM 1503 03/92 (P/M/C01)