

(19)



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(11) Publication number:

**0 443 855 A3**

(12)

**EUROPEAN PATENT APPLICATION**(21) Application number: **91301394.2**(51) Int. Cl.<sup>5</sup>: **H01B 3/44**(22) Date of filing: **21.02.91**

(30) Priority: **22.02.90 JP 41974/90**  
**02.08.90 JP 205621/90**

(43) Date of publication of application:  
**28.08.91 Bulletin 91/35**

(84) Designated Contracting States:  
**DE FR GB**

(88) Date of deferred publication of the search report:  
**10.06.92 Bulletin 92/24**

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(54) **Polymer material improved in its electric insulation properties.**

(57) The content of spherulites of polyethylene resins is reduced by contact of the polyethylene resin while it is molten with lithium carbonate which is in a subdivided form and is dispersed in the molten polyethylene resin or which is in a form of a block and is removed from the polyethylene resin after the contact. The dispersed lithium carbonate can be removed with the reduced spherulite content preserved.

**EP 0 443 855 A3**



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## EUROPEAN SEARCH REPORT

Application Number

EP 91 30 1394

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.5)
P,X	PATENT ABSTRACTS OF JAPAN vol. 14, no. 236 (C-720)18 May 1990 & JP-A-2 060 964 ( NITTO DENKO CORP ) 1 March 1990 * abstract *	1	H01B3/44
A	DE-A-1 669 612 (ASAHI KASEI KOGYO K. K.) * page 12, paragraph 1 * * page 20; example 6 * * claim 1 *		
A	FR-A-2 550 655 (INT. STANDARD CORP.) * page 1, line 1 - line 3 * * claims 1-9 *		
A	PLASDOC - CENTRAL PATENTS INDEX - BASIC ABSTRACTS JOURNAL, 8702, LONDON GB * an=87-010204 & jp-a-61266957 (Sumitomo elec ind k.k) published 26-11-86 *		
A	CHEMICAL ABSTRACTS, vol. 78, no. 28, 21 May 1973, Columbus, Ohio, US; abstract no. 131162N, BEDRNA IVO E.A.: 'polyethylene shields for protection from nuclear radiations' & cs 146461 published 15-12-1972 * abstract *		TECHNICAL FIELDS SEARCHED (Int. Cl.5)
A	CHEMICAL ABSTRACTS, vol. 107, no. 1, 6 July 1987, Columbus, Ohio, US; abstract no. 10441M, 'manufacture of polymer separators for batteries' & jp-a-61263753 (Raychem) published 24-01-1987 * abstract *		H01B C08K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 APRIL 1992	Examiner STIENON P.M.E.
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	