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(54) Title: IMPROVEMENTS IN POLYESTER FIBERS (57) Abstract <p>The dispersibility in water of synthetic fiber, especially polyester fiber, is improved by coating with an improved copolyester coating, the improvements being that the copolyester is modified so as to contain polar groups that provide sites that are susceptible to a cross-linking-type reaction, and that the resulting materials are then subjected to such cross-linking-type reaction, whereby the durability of the coating on the fiber is improved, and wherein advantages are obtained in the products obtained from such fibers.</p>		

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INTERNATIONAL SEARCH REPORT

International Application No PCT/US 89/01233

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶ According to International Patent Classification (IPC) or to both National Classification and IPC IPC ⁴ : D 06 M 15/507		
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
IPC ⁴	D 06 M	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT ⁹		
Category ⁹	Citation of Document, ¹¹ with Indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
A	EP, A, 0159882 (TEIJIN) 30 October 1985, see claims --	1
A	EP, A, 0035263 (HENKEL) 9 September 1981, see claims --	1
A	US, A, 3416952 (McINTYRE et al.) 17 December 1968, see claims --	1
A	US, A, 3702260 (JAYNE et al.) 7 November 1972, see claims; column 3, line 11 - column 4, line 72 --	1
A	US, A, 4312966 (NEWKIRK et al.) 26 January 1982, see claims --	1,4,5,6
A	US, A, 3063870 (WAKEMAN et al.) 13 November 1962, see claims --	1,4,5,6
A	US, A, 4225646 (CASHION) 30 September 1980, see claims ----	1,4
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>¹⁰ Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"A" document member of the same patent family</p> </div> </div>		
IV. CERTIFICATION		
Date of the Actual Completion of the International Search		Date of Mailing of this International Search Report
6th September 1989		L-2 OCT 1989
International Searching Authority		Signature of Authorized Officer
EUROPEAN PATENT OFFICE		T.K. WILLIS

**ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO.**

US 8901233

SA 27786

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report.
The members are as contained in the European Patent Office EDP file on 22/09/89
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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		US-A- 4621020	04-11-86
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US-A- 4225646	30-09-80	None	