

⑫

EUROPEAN PATENT APPLICATION

⑲ Application number: 82303749.4

⑤① Int. Cl.³: **D 01 F 1/10**
D 01 F 6/90, D 21 F 7/08

⑳ Date of filing: 16.07.82

③① Priority: 17.07.81 US 283905

④③ Date of publication of application:
26.01.83 Bulletin 83/4

⑥⑧ Date of deferred publication of search report: 18.04.84

⑥④ Designated Contracting States:
BE DE FR GB IT NL SE

⑦① Applicant: **E.I. DU PONT DE NEMOURS AND COMPANY**
Legal Department 1007 Market Street
Wilmington Delaware 19898(US)

⑦② Inventor: **Bond, William Bradford**
101 Hillside Way
Marietta Ohio 45750(US)

⑦② Inventor: **Gall, Walter George**
8121 N.Suwannee Drive
Tucson Arizona 85704(US)

⑦② Inventor: **Saxton, Ronald Luther**
R.D. 2 Box 110 A
West Grove Pennsylvania 19390(US)

⑦④ Representative: **Woodman, Derek et al,**
FRANK B. DEHN & CO. Imperial House 15-19 Kingsway
London WC2B 6UZ(GB)

⑤④ **Mineral filled abrasion-resistant monofilament.**

⑤⑦ Polyamide monofilament with excellent transverse abrasion resistance obtained by incorporation of aluminum silicate, particularly useful in paper clothing.



European Patent
Office

EUROPEAN SEARCH REPORT

0070709

Application number

EP 82 30 3749

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. 3)
X,Y	CHEMICAL ABSTRACTS, vol. 92, no. 2, 14th January 1980, page 35, no. 7408x, Columbus, Ohio, US & JP - A - 79 88 957 (TOYOCO CO., LTD.) 14-07-1979	1-3	D 01 F 1/10 D 01 F 6/90 D 21 F 7/08
X,Y	DE-A-1 917 359 (DU PONT DE NEMOURS) * Claim 1 *	1	
X	US-A-3 397 171 (R.K. ILER) * Claims *	1	
Y	US-A-4 261 392 (W.T. WESTHEAD) * Column 3, lines 3-5; claims 11,12,19 *	4,5,11,12	
A	CHEMICAL ABSTRACTS, vol. 77, no. 24, 11th December 1972, page 88, no. 153768w, Columbus, Ohio, US & JP - A - 72 15 708 (TORAY INDUSTRIES, INC.) 10-05-1972		
A	US-A-3 518 337 (J. NICOLAS) * Column 3, lines 52-68; column 4, lines 1-4 *	1	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 19-01-1984	Examiner VAN GOETHEM G.A.J.M.
CATEGORY OF CITED DOCUMENTS		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	
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			