

19



Europäisches Patentamt
European Patent Office
Office européen des brevets

11 Publication number:

**0 216 109
A3**

12

EUROPEAN PATENT APPLICATION

21 Application number: **86111184.7**

51 Int. Cl.4: **D01F 6/62** , D01F 6/84 ,
D01D 4/02

22 Date of filing: **12.08.86**

30 Priority: **23.08.85 JP 186429/85**

71 Applicant: **SUMITOMO CHEMICAL COMPANY,
LIMITED**
**15 Kitahama 5-chome Higashi-ku
Osaka-shi Osaka 541(JP)**

43 Date of publication of application:
01.04.87 Bulletin 87/14

Applicant: **JAPAN EXLAN COMPANY, LTD.**
**2-8, Dojimahama-2-chome Kita-ku
Osaka-shi Osaka 530(JP)**

64 Designated Contracting States:
DE FR GB

66 Date of deferred publication of the search report:
19.11.87 Bulletin 87/47

72 Inventor: **Kobashi, Toshiyuki**
**1-6, Saidaijikami-3-chome
Okayama-shi(JP)**
Inventor: **Takao, Seiji**
**781-3, Kanada
Okayama-shi(JP)**
Inventor: **Takagi, Jun**
**615-1, Kanaokanishimachi
Okayama-shi(JP)**
Inventor: **Sugimoto, Hiroaki**
**13-5, Kawanishicho-1-chome
Takatsuki-shi(JP)**
Inventor: **Hayatsu, Kazuo**
**11-8, Kamihozumi-2-chome
Ibaraki-shi(JP)**

74 Representative: **Henkel, Feiler, Hänzel &
Partner**
**Möhlstrasse 37
D-8000 München 80(DE)**

54 Polyester fiber.

57 A polyester fiber of a large diameter having a tensile modulus of elasticity of 300 g/d or more can be obtained by melt-spinning a polyester which exhibits anisotropy in its molten state.

EP 0 216 109 A3



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.4)
X	US-A-3 975 487 (S.G. COTTIS) * Claims; column 11, lines 52,53,68; column 12, lines 52,53,68 *	1-3	D 01 F 6/62 D 01 F 6/84 D 01 D 4/02
A	--- EP-A-0 022 344 (CELANESE) * Claims; page 12, lines 30-35; page 14, lines 1-5; example *	1-3	
A	--- US-A-4 066 620 (J.J. KLEINSCHUSTER)		
A	--- EP-A-0 076 133 (E.I. DU PONT DE NEMOURS) * Page 4, lines 31-33; page 9, lines 20-26 *	1-3	
A	--- GB-A-1 033 809 (TEIJIN) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4) D 01 F
Place of search THE HAGUE		Date of completion of the search 18-08-1987	Examiner VAN GOETHEM G.A.J.M.
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			

