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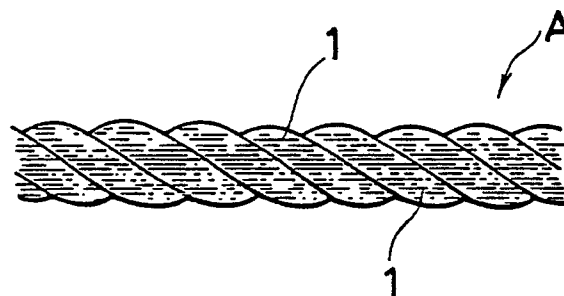
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54 **High-tenacity water-soluble polyvinyl alcohol fiber and process for producing the same.**

57 A high-tenacity water-soluble polyvinyl alcohol fiber comprising a fiber composed of a polyvinyl alcohol polymer with a degree of polymerization of at least 1500 and a degree of saponification of 80 to 99 mol% and having a tensile strength of at least 10 g/d, an initial modulus of at least 100 g/d, and a water soluble temperature of 100° C or below, and a process of producing the fiber.

Fig. 5



EP 0 327 696 A3



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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	EP-A-0 239 044 (BIOMATERIALS UNIVERSE INC.) * Claims; page 2, line 52; page 3, lines 1,2,37,39 *	1,3,5,6 ,10-12	D 01 F 6/14
A	EP-A-0 146 084 (TORAY INDUSTRIES) * Claims; page 10, line 22; page 11, line 6 *	1,3,5,6 ,10,12	
A	EP-A-0 273 755 (UNITIKA LTD) * Claims; page 3, line 55 *	1,3,5,6 ,10,12	
A	EP-A-0 225 391 (TORAY INDUSTRIES) * Claims 1-9; page 11, lines 24,25; page 12, lines 1-3 *	1,3,5,6 ,10,12	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			D 01 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-12-1989	Examiner BLAS V.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			