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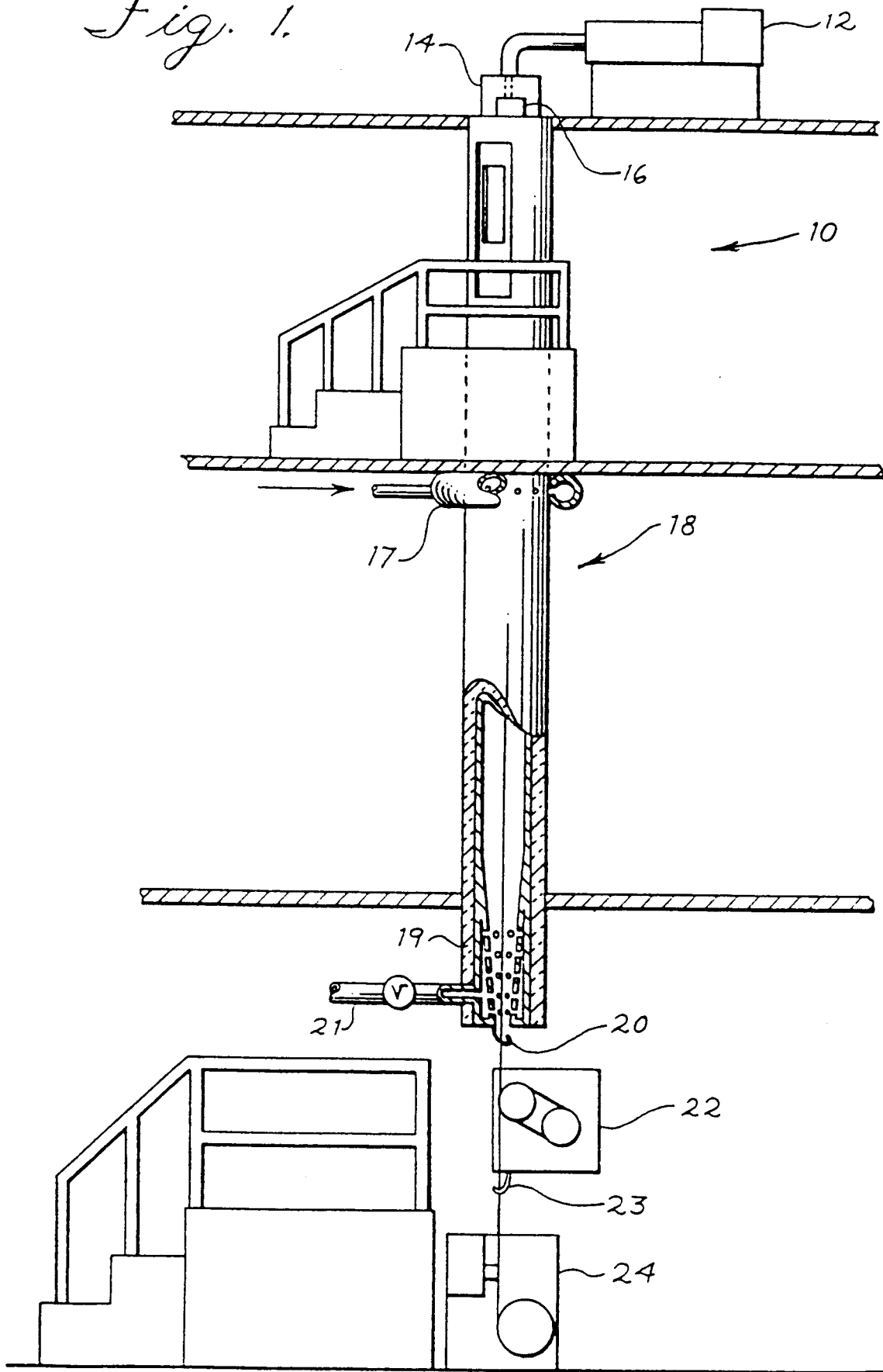
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**An as-spun polyester yarn having small crystals and high orientation.**

The instant invention is directed to as-spun polyester yarn having small crystals and a high orientation. The as spun polyester yarn is characterized by a crystal size less than 55Å and either an optical birefringence greater than 0.090 or an amorphous birefringence greater than 0.060 or a long period spacing less than 300Å.

Fig. 1.





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# EUROPEAN SEARCH REPORT

Application Number

EP 91 30 4188

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)
X	PATENT ABSTRACTS OF JAPAN vol. 7, no. 139 (C-171)(1284) 17 June 1983 & JP-A-58 054 020 ( TEIJIN KK ) 30 March 1983	1-6	D01F6/62
A	* abstract * ---	7-9	
A	EP-A-0 034 880 (IMPERIAL CHEMICAL INDUSTRIES LTD ) * claims 6,7; examples 2,15,42-45 *	1-3,7-9	
A	EP-A-0 169 415 (TEIJIN LTD) * examples 3,7-11; table 1 * * examples 3,7-10; table 2 *	1-9	
D	& US-A-4 690 866  -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D01F D01D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 JANUARY 1992	Examiner TARRIDA TORRELL J.B.
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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 ..... &amp; : member of the same patent family, corresponding document</p>			

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