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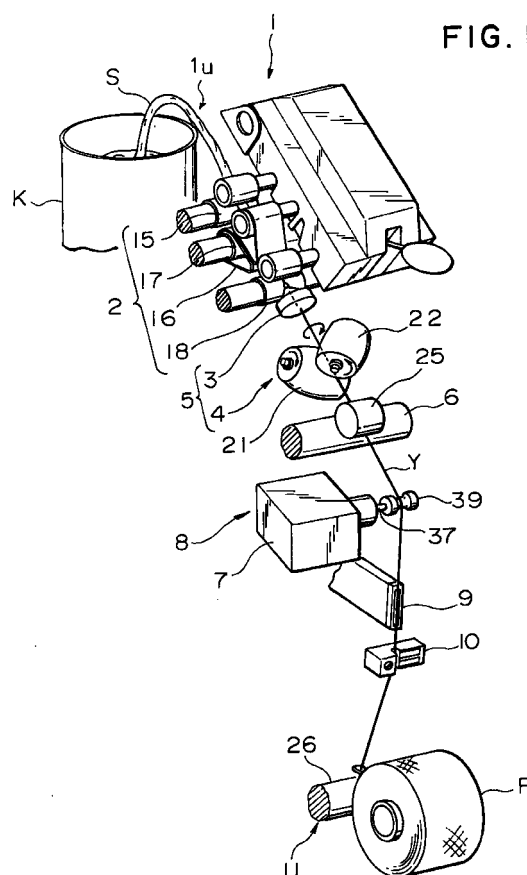
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(54) **Spinning device and spinning method**

(57) The present invention is able to detect yarn defects with great accuracy by measuring the tension of the yarn.

The present invention holds the fastened spun yarn in a bent state by a tension sensor immediately before the winding package. The changes in tension of the fastened spun yarn are measured by this tension sensor and the evaluation of yarn defects is performed by an evaluation part based on the results of this measurement.



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EUROPEAN SEARCH REPORT

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EP 97 11 2300

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.6)
X	EP 0 289 010 A (RIETER AG MASCHF) 2 November 1988 * column 2, line 49 - line 52 * ---	1,2,7	D01H13/22
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A	DE 39 28 417 A (MURATA MACHINERY LTD) 8 March 1990 ---	1,3,6-9	
A	PATENT ABSTRACTS OF JAPAN vol. 010, no. 345 (C-386), 20 November 1986 -& JP 61 146826 A (TORAY IND INC), 4 July 1986 * abstract * ---	1,4-9	
A	PATENT ABSTRACTS OF JAPAN vol. 018, no. 040 (C-1155), 21 January 1994 -& JP 05 263325 A (TORAY ENG CO LTD), 12 October 1993 * abstract * ---	1,4-9	TECHNICAL FIELDS SEARCHED (Int.Cl.6) D01H
A	PATENT ABSTRACTS OF JAPAN vol. 017, no. 446 (C-1098), 17 August 1993 -& JP 05 098523 A (MURATA MACH LTD), 20 April 1993 * abstract * ---	1,4-9	
A	EP 0 622 481 A (MURATA MACHINERY LTD) 2 November 1994 * column 2, line 20 - line 32 * -----	1,3,7	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24 November 1998	Examiner Tamme, H-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			

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