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I-20121 Milano(IT)(54) **Method and device for engaging the yarn with and joining it to the silver in a ring spinning machine.**

(57) The present invention relates to a method for automatically bringing yarn which has broken in a spindle of a ring spinning machine into engagement with and rejoining it to the textile fibre sliver passing through the last pair of drafting rollers (2,3), and a device for implementing the method.

With the method of the present invention the yarn end from the package is made to engage the textile fibre and passing through the last pair of drafting rollers, by the action of a mobile arm (1) the terminal part of which comprises a scissor element overlying a gripper element (9), said mobile arm guiding the yarn end into a position resting against the side of the presser roller, which then drags said yarn end round until it is trapped below the line of contact between the presser roller (2) and the drafting roller (3), to enable the yarn to be engaged with the textile fibre sliver (10) and thus effect the re-joining of the yarn to the sliver.

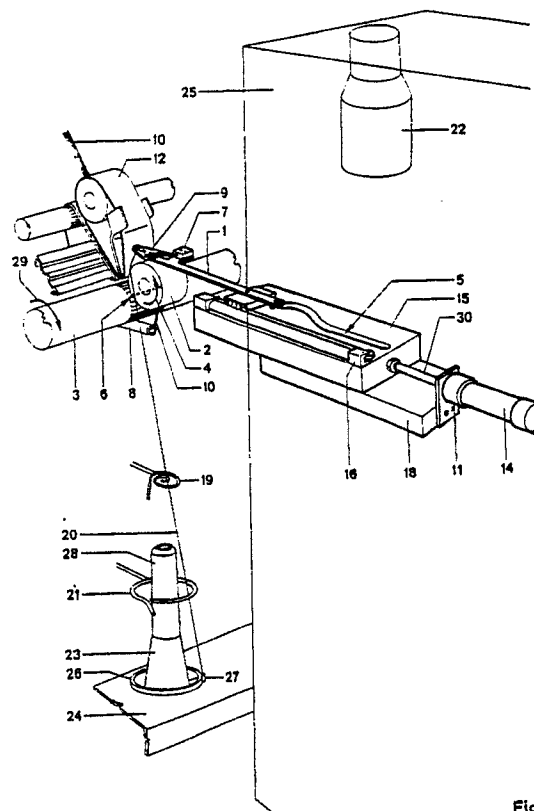


Fig. 2

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EUROPEAN SEARCH REPORT

Application Number

EP 89 20 3103

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)
Y	DE-A-2 361 969 (ZINSER) * Page 6, lines 1-10; claim 6; figure 1 * - - -	1,2	D 01 H 15/013
Y	US-A-3 855 769 (LEESONA) * Claim 16; figure 10 * - - -	1,2	
Y	US-A-3 619 999 (ESCURSELL-PRAT) * Column 3, line 40 - column 5, line 65; figures 1-7 * - - -	1,2	
A	US-A-3 540 200 (KAISHA) * Column 15, line 49 - column 19, line 27; figures 9,18,19 * - - -	1,2	
A	FR-A-1 461 680 (GILLONO & ALBERTO) * Pages 5,6; figures 10,10a,11,11a * - - - - -	1,2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 01 H
The present search report has been drawn up for all claims			
Place of search		Date of completion of search	Examiner
The Hague		24 October 90	TAMME H.-M.N.
CATEGORY OF CITED DOCUMENTS			
X: particularly relevant if taken alone		E: earlier patent document, but published on, or after the filing date	
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