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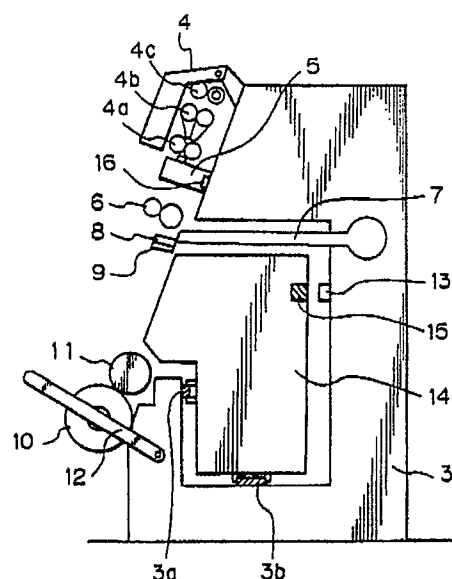
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(54) **A spinning machine.**

(57) A spinning machine including a yarn treating carrier (14) provided with a yarn piecing mechanism and a yarn package doffing mechanism therein, moving along a rail provided on a frame (3) of a spinning machine so as at least to stop at predetermined spindle for carrying out a yarn piecing operation and a yarn package doffing operation, and a detecting unit (13) for detecting a position of the yarn treating carrier at each spindle portion, the yarn treating carrier controlled so as to perform at least one of a moving operation, a decelerating operation, and a stopping operation in response to a yarn treatment signal and a detection signal of a position of the yarn treating carrier, each of which being output from each of the spindles.

Fig. 2



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EUROPEAN SEARCH REPORT

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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.5)
X	EP-A-0 126 373 (MASCHINENFABRIK RIETER AG) * page 19, line 19 - page 21, line 7; claims 1,11 ** page 35, line 9 - page 37, line 30 @ page 59, line 14 - page 61, line 4; figures 1,4,5,11,16 * - - -	1-4	D 01 H 13/00 D 01 H 13/14 D 01 H 15/013 D 01 H 9/10 B 65 H 54/26
A,D	PATENT ABSTRACTS OF JAPAN vol. 011, no. 132 (C-417) April 24, 1987 & JP-A-61 266 622 (TOYODA AUTOM LOOM WORKS LTD) November 26, 1986 * the whole document * - - -	1-4	
A	EP-A-0 310 822 (RI.TE. SPA RICAMBI TESSILI) * abstract; claim 18 * - - - - -	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 01 H B 65 H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 15 July 91	Examiner TAMME H.-M.N.
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			