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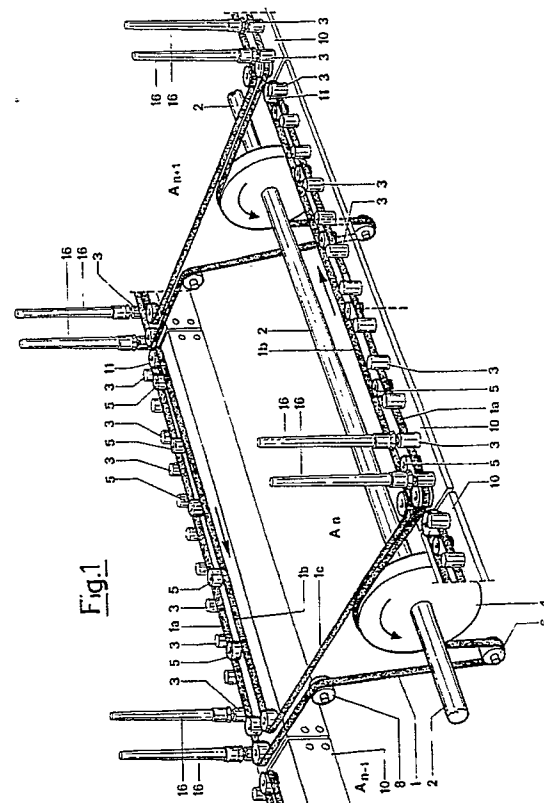
(54) **Device for transmitting rotary motion to a limited group of spindles in a ring spinning machine.**

(57) A device for transmitting rotary motion to a limited group of spindles of a ring spinning machine by means of an endless belt which partially embraces a drive disc (4) fixed rigidly onto a drive shaft (2) extending longitudinally along the entire machine between the two spinning faces.

Said endless belt extends as an arrangement of longitudinal branches (1a,1b) and transverse branches (1,1c).

Two longitudinal branches (1b), internal relative to the idle rollers, are connected directly by an inner transverse branch (1c), these inner branches being idle return branches; a further two outer branches (1a) are connected directly by the outer transverse branch (1), which partially embraces said drive disc (4), said branches (1a) being operational drive branches. The two outer longitudinal branches (1a) drive the spinning spindles, against which they are urged elastically into partially embracing contact by idle roller units each consisting of two idle rollers (5) supported by a common leaf spring support.

The outer transverse branch (1) which embraces the drive disc represents the drive branch for the entire endless belt.



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## EUROPEAN SEARCH REPORT

Application Number

EP 90 20 0603

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-2 508 105 (K.K. TOYODA JIDOSHOKKI SEISAKUSHO) * Figure 15; page 13, lines 2-4 * -- -- --	1-3	D 01 H 1/241
Y	BE-A-4 941 82 (TWEEDALES AND SMALLEY) * Figure 4; page 2, line 8 - page 3, line 25 * -- -- --	1-3	
A	FR-A-1 400 979 (SKF KUGELLAGERFABRIKEN) * Figures 1,2; page 2, lines 20-26 * -- -- --	3	
E	DE-A-3 905 534 (HANS STAHLERCKER) * Figures 1,2 * -- -- --	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 01 H
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 08 February 91	Examiner FAIRBANKS S.A.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>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</div> <div>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</div>			