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 **Control device for a circular knitting machine, in particular a hose knitting machine.**

 The invention provides a circular knitting machine, in particular a single or double cylinder hose knitting machine, wherein various operations, such as the advancement of the main drum (2), speed changing, needle selection, movement of the stitch-adjusting unit (3), etc. are controlled by an electronic programming unit instead of the traditional main chain. The electronic programming unit programmatically controls a series of electromechanical transducers, preferably solenoid valves and pneumatic or hydraulic cylinders (12, 23), which determine the required movements of the machine operational members (2,3). The programming unit is operative at each revolution of the machine to receive drive pulses from a revolution transducer. A considerable constructional simplification and adaptability of the machine to different knitting programs is thus achieved.

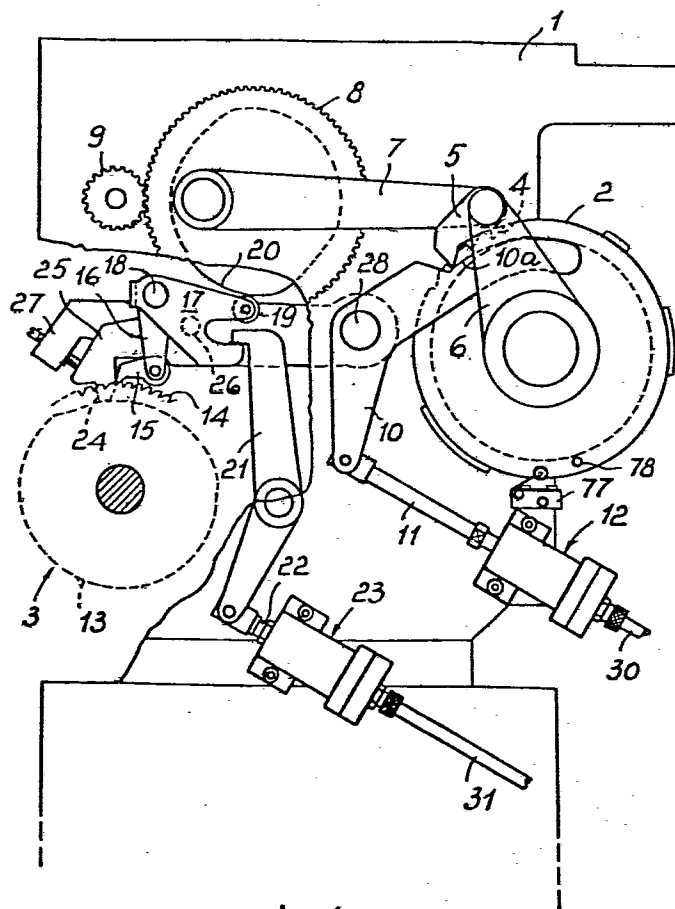


FIG. 1



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
X	<u>US - A - 3 969 912 (ELITEX)</u> * Column 3, line 49 - column 4, line 68; figures 1-4 * --	1,3	D 04 B 15/99
	<u>FR - A - 1 254 653 (ELECTRO-HYDRAULICS)</u> * Page 4, left-hand column, line 25 - right-hand column, line 32; figure 2 * --	1,2	
	<u>DE - A - 2 841 671 (ELITEX)</u> * Page 5, line 14 - page 6, line 31; figure 1 * & GB - A - 2 007 269 --	1,3,4	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
	<u>US - A - 3 945 224 (BILLI)</u> * Claim 1; column 2, lines 49-57; column 4, lines 5-14; column 10, line 26 - column 11, line 17, figures 1-9 * --	1,2,7,10	D 04 B
	<u>US - A - 3 901 050 (SCHUR)</u> * Column 6, lines 40-58; column 13, line 56 - column 14, line 14; figures 3,4,12 * --	1,3,6	
	<u>DE - A - 2 608 862 (ELITEX)</u> * Page 5, line 21 - page 6, line 17, figures 2,3,4 * & GB - A - 1 534 792 --	1,3,4	CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
X The present search report has been drawn up for all claims			&: member of the same patent family, corresponding document
Place of search The Hague		Date of completion of the search 23-02-1981	Examiner V. GELDER



DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
	DE - A - 2 311 710 (WILDT) * Page 3, line 13 - page 4, line 11; page 19, line 11 - page 20, line 4; figure 4 * & GB - A - 1 398 924 --	1,8,9	
A	DE - A - 2 716 651 (FABRIQUE NATIONALE) * Page 5, line 13 - page 6, line 15; page 14, lines 5-10; figures * --	1	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
AP	FR - A - 2 438 107 (MATEC) * Whole document * --	1	
A	US - A - 4 114 405 (BARTELS) * Whole document * ----	1	