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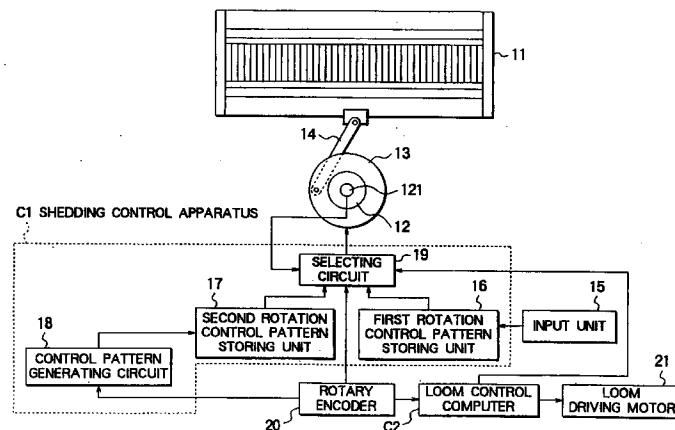
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(54) Shedding control method and apparatus for a loom

(57) In a shedding apparatus for driving a heald frame assembly of a loom by a shedding drive motor installed independent of a loom driving motor, a shedding control apparatus which can ensure enhanced stability of motion of the heald frame while suppressing the power consumption to a minimum. The shedding control apparatus for controlling the shedding drive motor through a feedback loop includes a first rotation control pattern storing unit for storing a first rotation control pattern, a second rotation control pattern storing unit for

storing a second one, a control pattern generating circuit for generating the second rotation control pattern and a selecting circuit. The control pattern generating circuit generates the second rotation control pattern on the basis of the rotation speed information obtained from a rotary encoder. The selecting circuit is so designed as to select the first or second rotation control patterns on the basis of the rotation speed changing information obtained from the rotary encoder.

FIG. 1





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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.6)
A	EP 0 513 728 A (TSUDAKOMA IND CO LTD) 19 November 1992 * column 6, line 9 - column 7, line 14; figures *	1-3,5	D03C1/14 D03D51/02
A,D	--- PATENT ABSTRACTS OF JAPAN vol. 017, no. 315 (C-1071), 16 June 1993 & JP 05 025751 A (TSUDAKOMA CORP), 2 February 1993 * abstract *		
A,D	--- PATENT ABSTRACTS OF JAPAN vol. 095, no. 002, 31 March 1995 & JP 06 322644 A (TSUDAKOMA CORP), 22 November 1994 * abstract *		
A	--- EP 0 547 004 A (TOYODA AUTOMATIC LOOM WORKS) 16 June 1993		
A	--- US 4 364 002 A (SUZUKI HAJIME ET AL) 14 December 1982 -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			D03D D03C
Place of search	Date of completion of the search	Examiner	
THE HAGUE	2 October 1998	Rebiere, J-L	
CATEGORY OF CITED DOCUMENTS		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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