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(54) **Improvement to a cotton knitting machine**

(57) An improved Cotton knitting machine, in which the needle bar (1) is actuated by a lever system which comprises an arm (4) which is fixed to the needle bar and is articulately connected to a first lever (5) provided with recesses (7,8) for engagement to a pivot (9) which is fixed on a second lever (11) which is radial with respect to a horizontal supporting shaft (12) and is controlled by an actuation cam (15) by way of a roller (14) which is urged onto the profile of the cam (15) by elastic elements (17), wherein the pivot (9) can be arranged on the second lever (11) so as to produce an oscillation of the arm (4), by action of the first lever (5), according to a preset criterion.

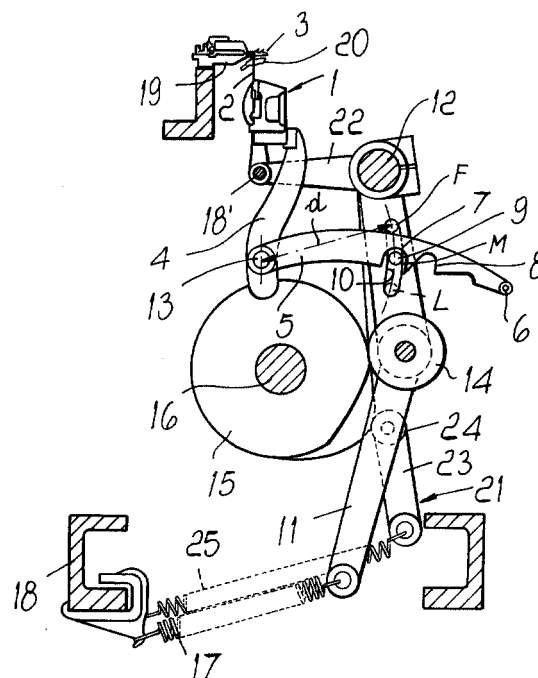


Fig. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 00 12 4377

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.7)
A	US 2 084 732 A (HAINES JR JOSEPH) 22 June 1937 (1937-06-22) * page 2, column 1, line 27 - line 49; figure 2 *	1,6	D04B11/02 D04B15/22
A	US 2 629 993 A (FRITZ LAMBACH) 3 March 1953 (1953-03-03) * column 4, line 16 - line 32; figure 3 *		
A	US 2 491 173 A (JEAN GARRIC) 13 December 1949 (1949-12-13) * the whole document *		
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			D04B
The present search report has been drawn up for all claims			
Place of search MUNICH		Date of completion of the search 16 January 2002	Examiner Dreyer, C
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 12 4377

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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16-01-2002

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