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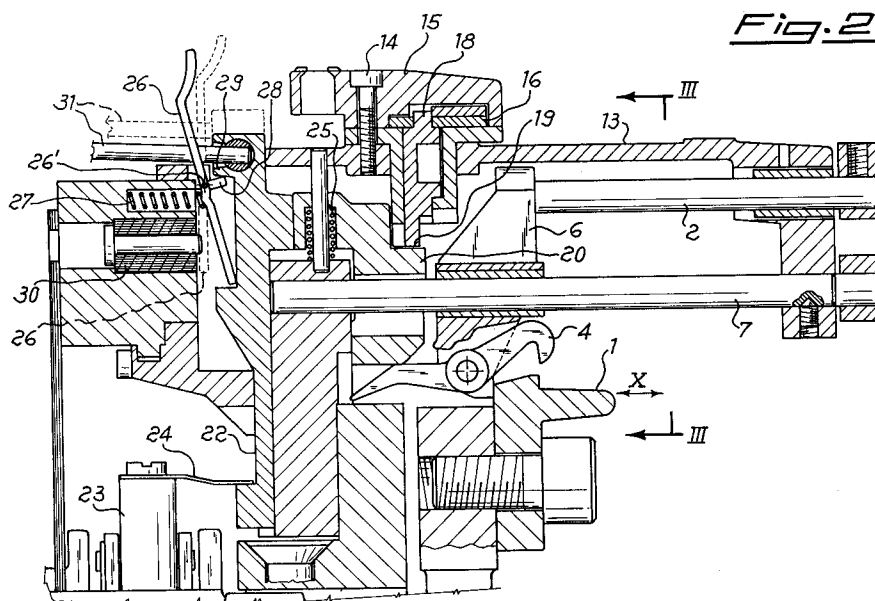
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8
I- 20123 Milano (IT)(54) **Device for enabling and disabling the needle bars and the piercer bars in an embroidery machine.**

(57) A device is described for enabling and disabling the needle bars (2) and the piercer bars (3) according to a predetermined program in an embroidery machine, comprising means or hooks (4) suitable to connect said bars (2,3) to an oscillating drive bar (1). Such hooks (4) are operated by a single actuating member (16) which connects the oscillating drive

bar (1) either to the needle bars (2) or to the piercer bars (3), and selecting levers (26) are provided suitable to connect to the oscillating drive bar (1) either all of the bars (2,3) or some of them which, according to said program, have not been connected to the drive bar (1) by said actuating member (16).

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EUROPEAN SEARCH REPORT

Application Number

EP 92 83 0510

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)
A	FR-A-2 524 019 (A. HEINZLE) * figures 1-3 * ---	1	D05C11/16
A	DE-A-2 541 359 (MASCHINENFABRIK CARL ZANGS AG) * the whole document * ---	1	
D,A	EP-A-0 230 211 (COMERIO ERCOLE S.P.A.) * the whole document * ---	1	
A	US-A-4 594 952 (G. COMPLOI ET AL.) * figure 1 * ---	1	
A	DE-A-2 732 038 (COMERIO ERCOLE S.P.A.) * figures 5,6 * -----	1,10,11	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D05C
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 MARCH 1993	Examiner KELLNER M.
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			