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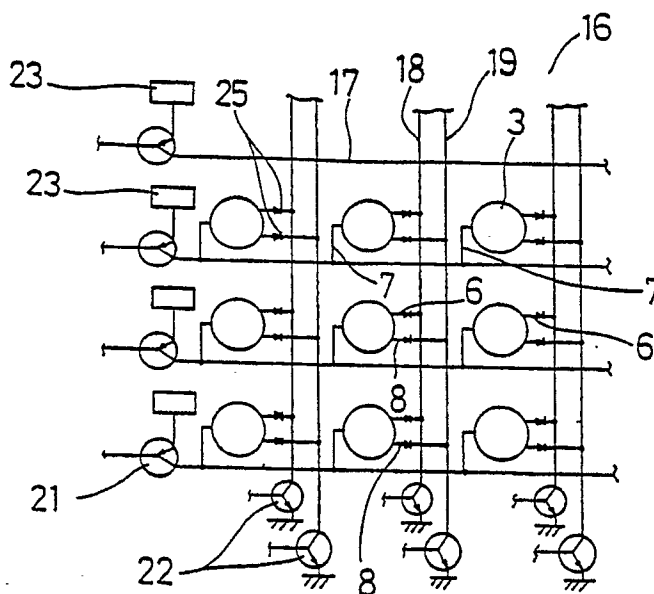
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CH-6900 Lugano(CH)(54) **Push control device for weaving needles in a jacquard machine.**

(57) In a push control device for weaving needles in a jacquard machine, each solenoid is of a two-layer construction consisting of a suction coil and a release coil and either each wire row (17) or wire

column (18,19) is comprised of a pair of wires, so that the push control device is simple in construction and assures speedy and accurate operation.

Fig. 3**EP 0 382 998 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 89 81 0550

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-2 193 104 (GROSSE WEBEREIMASCHINEN GMBH) * page 5, lines 15 - 37; figure 4 * - - -	1	D 03 C 3/20
A	AT-B-3 679 23 (ADOLPH SAURER AG) * the whole document * - - -	1	
A	FR-A-1 163 916 (GROSSE WEBEREIMASCHINEN GMBH) * figure 2 * - - - - -	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 03 C H 01 F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 17 December 90	Examiner REBIERE J-L.
<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 & : member of the same patent family, corresponding document</div>			