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(54) Improved industrial-use sewing machine adapted to perform two sequential seams, and to vary either leftwardly or rightwardly the stitch felling direction

(57) The present invention relates to an improved industrial-use sewing machine adapted to perform two sequential seams, and to vary either leftwardly or rightwardly the stitch felling direction. The sewing machine comprises two sewing units, respectively a horizontal needle bar sewing unit and a vertical needle bar sewing unit, arranged in a proper sequence, along a feeding direction of a cloth article to be seamed. Along this feeding direction, under a supporting panel for supporting the cloth article to be seamed, are arranged: a first guide defining a first passage for the two parts of the cloth article to be seamed or sewn, which parts are arranged with a mutually facing relationship in a substantially vertical plane near the horizontal needle bar, and a second

guide which is arranged between the first guide and the vertical needle bar sewing unit. The second guide, in particular, defines a second passage for the two parts of the cloth article being sewn, and is provided with means for bending the two sewn parts in a direction transversal of the cloth article feeding direction, so as to bring the two parts under either one or the other of the two cloth article portions extending on opposite sides starting from the two mentioned parts and which are arranged on the bearing panel so as to allow the vertical needle bar sewing unit to perform a felling sewing or seaming operating, either leftwardly or rightwardly, depending on requirements, without requiring any fitting operations on the sewing machine.

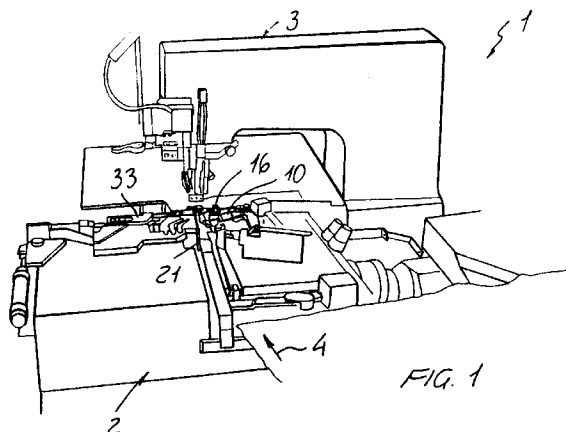


FIG. 1

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EUROPEAN SEARCH REPORT

Application Number
EP 97 83 0214

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 0 494 052 A (MACPI S.P.A. PRESSING DIVISION) * the whole document *	1	D05B35/02
A	DE 43 35 464 A (RIMOLDI S.R.L.) * the whole document *	1	
A	US 2 176 643 A (V.J. SIGODA) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			D05B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 27 January 1998	Examiner D'Hulster, E
<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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