



(12) **EUROPEAN PATENT APPLICATION**

(21) Application number : **93202168.6**

(51) Int. Cl.⁵ : **D05B 23/00**, **D05B 93/00**,
D05B 17/00

(22) Date of filing : **14.07.93**

(30) Priority : **17.07.92 IL 102547**

(43) Date of publication of application :
26.01.94 Bulletin 94/04

(84) Designated Contracting States :
AT BE CH DE DK ES FR GB GR IE IT LI LU MC
NL PT SE

(88) Date of deferred publication of search report :
01.06.94 Bulletin 94/22

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(54) **Novel sewing machines and processes.**

(57) A novel sewing machine comprises means for bonding a thread into fixed positioned relationship with the fabric stock to be sewn.

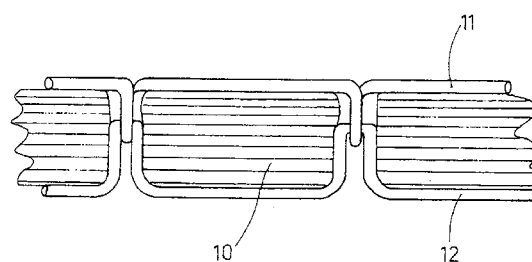


Fig. 1



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Application Number
EP 93 20 2168

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)
X	US-A-3 122 465 (S. KELLER; K. BRANDT)	1-5, 9, 12, 18-20, 22-25	D05B23/00 D05B93/00 D05B17/00
Y	* column 4, line 64 - column 6, line 37; figures 5-12 *	2, 6, 10, 11, 17, 21, 26	
Y	--- EP-A-0 219 177 (PHILIPS PATENTVERWALTUNG GMBH) * column 4, line 4 - line 35 *	2, 21	
X	--- GB-A-617 039 (S. A. LEADER)	1, 3-5, 8, 11, 12, 18, 20, 22, 23, 25	
A	* the whole document *	9, 21	
A	--- US-A-2 557 668 (C.E. LINCOLN) * claim 1; figures *	1, 20, 29, 30	
X	--- FR-A-1 361 520 (J. NEYROLLES) * the whole document *	1, 3, 5, 19, 20, 22, 25	TECHNICAL FIELDS SEARCHED (Int.Cl.5) D05B B05C
X	--- FR-A-1 267 486 (GESELLSCHAFT FÜR INDUSTRIELLE TECHNIK M.B.H.) * the whole document *	1, 3, 5, 19, 20, 22, 25	
Y	--- FR-A-2 359 921 (OVE LAURSEN) * claim 1; figures *	6, 10, 11, 17, 26	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 30 March 1994	Examiner D Hulster, E
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			

EPO FORM 1503 01.82 (P04C01)



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EUROPEAN SEARCH REPORT

Application Number
EP 93 20 2168

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)
X	US-A-2 962 082 (D.J. LENNEY) * figure 6 *	1, 18, 20, 22	
A	WO-A-89 07878 (SIEMENS AKTIENGESELLSCHAFT) * page 5, line 30 - page 6, line 19 *	2, 13, 20-22	
			TECHNICAL FIELDS SEARCHED (Int.Cl.5)
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