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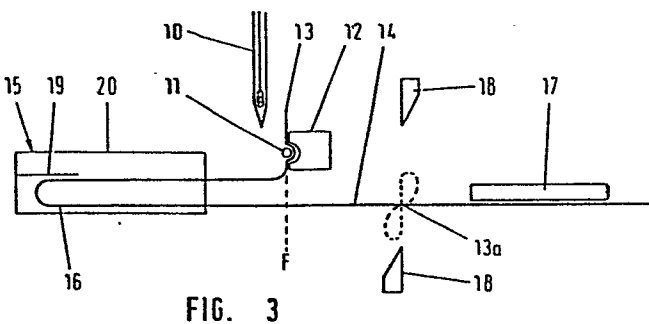
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54 Loop forming attachment for sewing machine.

57 There is disclosed a loop-forming attachment device for a sewing machine which is adapted to cooperate with a sewing needle (10) and associated hold-down arrangement (10') in order automatically to form and to present a loop (16) ready for attachment by stitching to a garment or garment part (43), the loop (16) being formed from a supplied length of tape (14). The attachment device comprises a forward clamp (11) and a rear clamp (12) which hold therebetween a leading end (13) of a length of tape (14), the clamps being movable between a forward position (F) and a rearward position (R), a retaining device (15) spaced forwardly of the forward position (F) and arranged to receive and to retain the looped end (16), a loop former (17) reciprocable between an initial position at or rearwardly of the rearward position (R) and a forward position in which it cooperates with the retaining device (15), and a cutter (18) arranged between the forward and rearward positions (F, R) and which operates to cut the formed loop (16) from the length of tape (14), which can then be attached by stitching via the sewing needle (10) to a garment (43). A nozzle (23) is arranged to urge the new leading end of the severed tape (14) against the rear clamp (12) at the start of a new operating cycle.





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EUROPEAN SEARCH REPORT

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Application number

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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.4)
A	US-A-4 287 841 (ROVIN) * Figure 6, ref. 36,37 *	1	D 05 B 35/02 D 05 B 23/00
A	FR-A-2 318 259 (PIVA) * Whole document *	1	
A	FR-A-2 369 806 (KIREMIDJIAN) * Whole document *	1	
A	GB-A- 989 052 (KAYSER) * Whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			D 05 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15-08-1985	Examiner VUILLEMIN L.F.
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	