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24.11.93 Bulletin 93/47(71) Applicant: **LONATI S.r.l.**
Via Osculati, 9
I-20052 Monza (Milano)(IT)(72) Inventor: **Lonati, Francesco**
Via Valsorda 28
I-25100 Brescia(IT)
Inventor: **Lonati, Ettore**
Via Valsorda 32
I-25100 Brescia(IT)
Inventor: **Lonati, Fausto**
Via Mediana 12
I-25100 Brescia(IT)
Inventor: **Lonati, Tiberio**
Via Sera 24
I-25100 Brescia(IT)(74) Representative: **Modiano, Guido, Dr.-Ing. et al**
Modiano & Associati S.r.l.
Via Meravigli 16
I-20123 Milan (IT)(54) **Circular knitting machine for manufacturing socks, stockings or the like, with an improved knitting forming cam set.**

(57) The present invention relates to a circular knitting machine with improved knitting forming cam set. The knitting forming cam set comprises, proximate to a feed (5) of the machine, a knitting forming cam (6) with a lower profile (7) forming a descending portion (7) immediately after the feed (5), which can engage the heel (3a) of the needles (3) which are raised to take up the thread so as to lower them and cause the forming of the loops of knitting. A counter-cam (8) is provided proximate to the end of the descending portion (7) of the knitting forming cam

(6) and faces the knitting forming cam (6) in a downward region; the counter-cam (8) delimits the lowering of the needles (3) after taking up the thread. The counter-cam (8) is slidably supported with respect to the knitting forming cam (6) along a sliding direction in which a component is parallel to the needle cylinder axis. The machine is provided with a pneumatic cylinder for controllably actuating the counter-cam (8) to move the counter-cam (8) along the sliding direction toward or away from the knitting forming cam (6).

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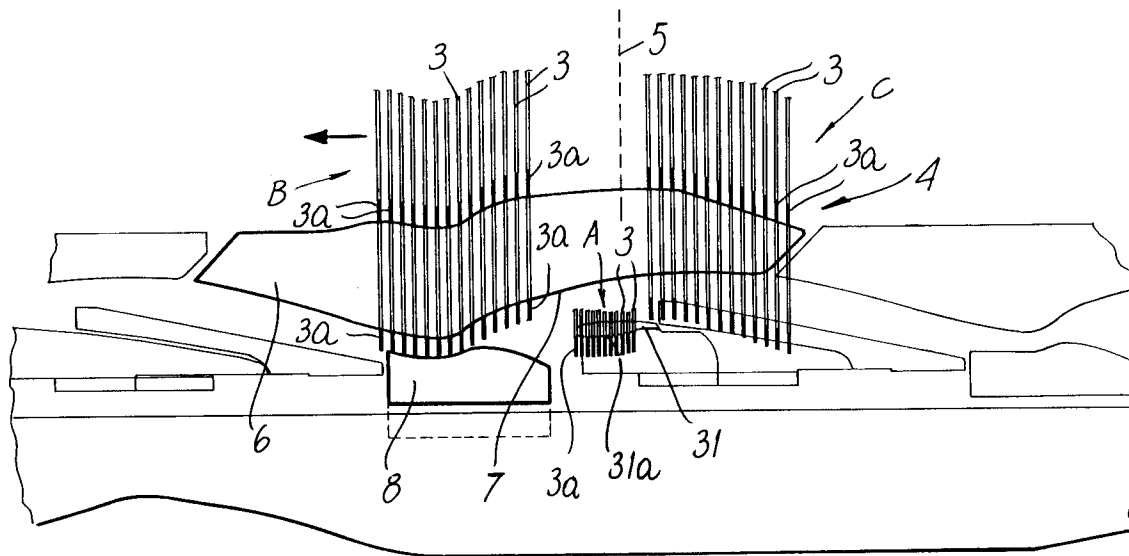


Fig. 5



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EUROPEAN SEARCH REPORT

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EP 93 10 6294

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	DE-A-2 636 020 (MAYER & CIE GMBH & CO.) * page 7, line 1 - page 11, line 9; figures 1,2 *	1	D04B15/32
A	GB-A-2 078 264 (BREMATEX S.P.A.) * page 1, line 120 - page 2, line 22; figures 1-4 *	1,2,4,7, 8	
A	DE-A-2 200 927 (ELITEX)		
A	DE-A-3 148 833 (ELITEX)		
A	GB-A-357 459 (LEILICH)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 29 SEPTEMBER 1993	Examiner VAN GELDER P.A.
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			