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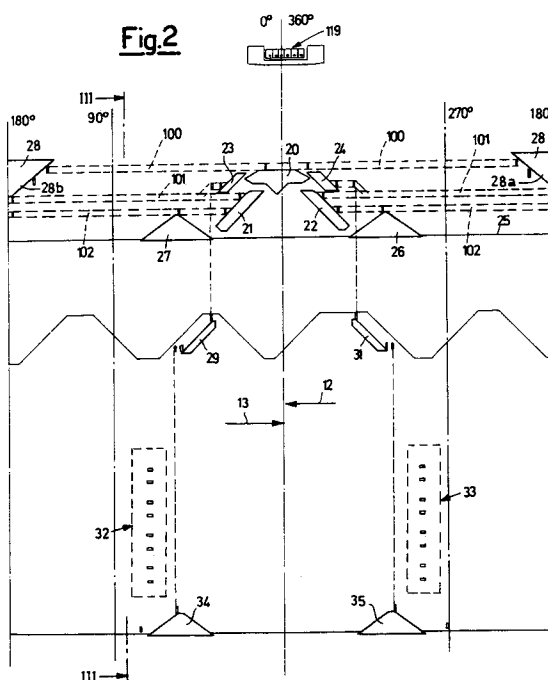
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Borgonuovo, 10  
I-20121 Milano(IT)**(54) **Circular knitting machine for manufacturing stockings, socks and the like.**

(57) A circular knitting machine for manufacturing stockings, socks or the like is proposed in which the heel and toe of the stocking or sock are formed without the aid of pickers, by using two selection actuators (32,33) associated with the yarn feed and loop formation point in which the heel and toe are formed, said actuators (32,33) and suitable cams being used to move out of operation those needles selected during the narrowing and widening stages. A lowering cam is provided opposite the yarn feed and loop formation point to return to a high working track, towards the end of each revolution of the cylinder when under reciprocating movement, those needles which have already been moved into inactivation by the selection actuators (32,33).

**Fig.2****EP 0 454 196 A3**



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## EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			EP 91200643.4
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	<u>DE - A - 3 522 042</u> (CESARE COLOSIO) * Fig. 1,4; abstract * --	1	D 04 B 9/56 D 04 B 9/20
A	<u>US - A - 4 554 801</u> (THORE) * Fig. 2; abstract * --	1	
A	<u>US - A - 3 564 871</u> (FAIGENBAUM et al.) * Fig. 1; claim 1 * --	1	
A	<u>DE - A - 3 620 055</u> (ELITEX) * Fig. 2,3; claim 1 * ----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			D 04 B 9/00 D 04 B 15/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 18-12-1991	Examiner HUBER
<b>CATEGORY OF CITED DOCUMENTS</b>			
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	