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(72) Inventor: **Gorgaini, Mauro**
46042 Castel Goffredo (Mantova) (IT)

(74) Representative: **Bardini, Marco Luigi et al**
c/o Società Italiana Brevetti S.p.A.
Corso dei Tintori, 25
50122 Firenze (IT)

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(71) Applicant: **Filodoro Calze S.p.A.**
46040 Casalmoro (Montova) (IT)

(54) **Garment of hosiery with intermediate band of greater elasticity**

(57) Garment of hosiery having a substantially tubular form, in which, between two consecutive portions (1, 2, 5, 7, 8) of said tubular form having the same or different elastic constants, a continuous band (3, 4, 6a, 6b) is interposed, connected to each of said tubular portions and having a lower elastic constant than that of each of said tubular portions. In particular, the band with a lower elastic constant is interposed between toe portion (2) and foot portion (1) of the garment in order to absorb the stresses which, through the toe portion of the garment, are transmitter to the toes of the foot.

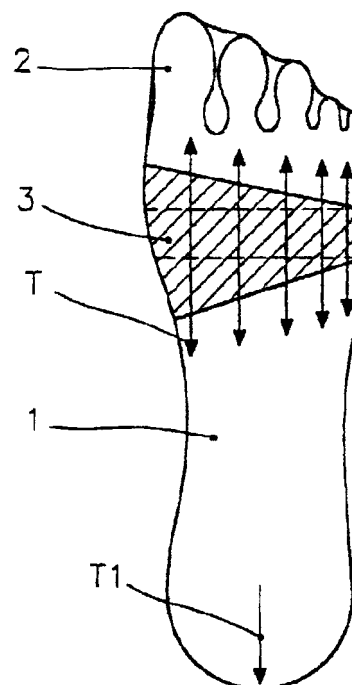


Fig. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 00 83 0078

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.7)
X	US 5 185 000 A (WETZ HANS H ET AL) 9 February 1993 (1993-02-09) * column 12, line 49 - line 59 * * column 13, line 17 - line 22; claim 3; figure 1 * ---	1,3	A41B11/00 A41B11/14
X	GB 2 260 343 A (SAMUEL EDEN & SON LIMITED) 14 April 1993 (1993-04-14) * page 4, line 6 - line 9 * * page 5, line 18 - line 20 * * page 6, line 5 - line 12; figure 2 * ---	1,8	
A	FR 1 192 109 A (BARILLET) 23 October 1959 (1959-10-23) * page 1, column 1, line 3 - line 4 * * page 1, line 9; figure 1 * ---	1-3,7,8	
A	US 5 617 745 A (DELLA CORTE MICHAEL P ET AL) 8 April 1997 (1997-04-08) * column 2, line 32 * * column 3, line 45 - line 62; figure 2 * ---	1-3,7,8	
A	US 5 729 836 A (EWING GLORIA M) 24 March 1998 (1998-03-24) * column 2, line 10 - line 20 * * column 2, line 43 * * column 3, line 32 - line 33 * * column 3, line 51 - line 54 * * column 3, line 65; figure 1 * ---	1,3,5,7,8	A41B A61F
A	AT 393 592 B (TYROLIA FREIZEITGERAETE) 11 November 1991 (1991-11-11) * page 2, line 7 - line 16 * * page 3, line 31 - line 40; figure 1 * --- -/--	1,3,8	
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 August 2000	Examiner Monné, 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			

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Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 83 0078

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.7)
A	US 4 089 064 A (CHANDLER JR FRANKLIN WOODROW) 16 May 1978 (1978-05-16) * column 1, line 9 - line 10 * * column 2, line 15 - line 28 * * column 2, line 65 - line 66 * * column 3, line 7 - line 31; figures * ---	1,4-8	
A	FR 2 740 662 A (BELKLE ANTOINE PATRICK CHARLES) 9 May 1997 (1997-05-09) * page 1, line 4 * * page 1, line 21; figure 21 * -----	1,8	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 August 2000	Examiner Monné, 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 03.82 (P4C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 83 0078

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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28-08-2000

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5185000 A	09-02-1993	DE 4104930 A EP 0499710 A	20-08-1992 26-08-1992
GB 2260343 A	14-04-1993	NONE	
FR 1192109 A	23-10-1959	NONE	
US 5617745 A	08-04-1997	AU 1525897 A WO 9724935 A	01-08-1997 17-07-1997
US 5729836 A	24-03-1998	US 5097537 A	24-03-1992
AT 393592 B	11-11-1991	AT 152987 A	15-05-1991
US 4089064 A	16-05-1978	NONE	
FR 2740662 A	09-05-1997	NONE	