



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 195 458 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
26.06.2002 Bulletin 2002/26

(51) Int Cl.7: **D04B 1/26, A41B 11/10**

(43) Date of publication A2:
10.04.2002 Bulletin 2002/15

(21) Application number: **01870187.0**

(22) Date of filing: **30.08.2001**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

(72) Inventor: **Busi, Gianmario**
25080 Botticino Sera, Brescia (IT)

(74) Representative: **Kuborn, Jacques et al**
Office Hanssens S.P.R.L.
Square Marie-Louise, 40 - bte 19
1000 Bruxelles (BE)

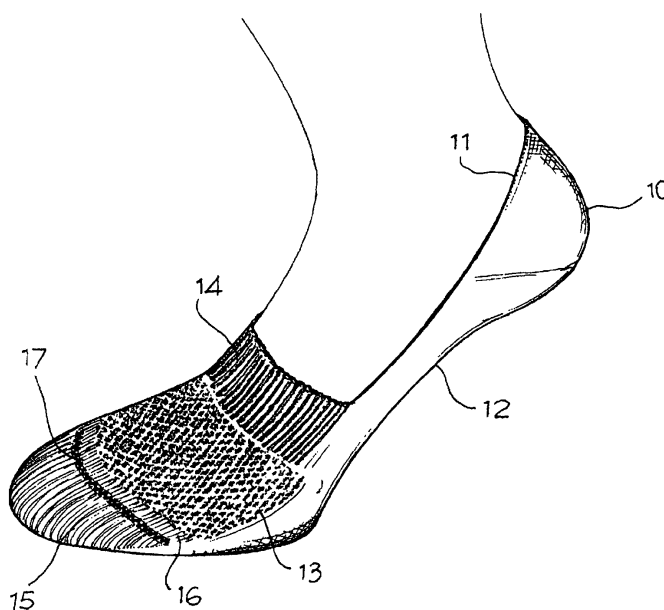
(30) Priority: **01.09.2000 IT BS000085**

(71) Applicant: **Busi Giovanni S.r.l.**
25080 Botticino Sera, Brescia (IT)

(54) **Shaped foot coverlet and method for its manufacture on circular stocking knitting machines**

(57) The present invention pertains to a knitted foot coverlet or protective stocking, having in an integral shape, a pocket (10) that is overlapped by an elastic border (11) intended to cover the heel of a foot, a tiptoe portion (15) to cover the tiptoe of the foot, middle zones (12, 13) to cover parts of the foot between the heel and the tiptoe. These include a middle section (12) of con-

stant width, continuing to the pocket (10) of the heel and intended to cover the foot at the hollow as well as a knitted tubular portion (13) between the middle section and tiptoe, intended to cover a remaining part of the plantar aspect and at least a part of the dorsal aspect of the foot. The present invention also pertains to a method for manufacturing the article on a circular stocking knitting machine.



EP 1 195 458 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 01 87 0187

| 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 3 143 870 A (SMITH CHARLIE T) 11 August 1964 (1964-08-11) * column 1, line 72 - column 2, line 50; figures 1-4 * | 1,2,6, 10-13 | D04B1/26 A41B11/10 |
| A | WO 00 19846 A (SCHIARELLO ORESTE) 13 April 2000 (2000-04-13) * page 8, line 6 - page 9, line 31; figures 4-7 * | 1,6,10, 11 | |
| A | DE 35 03 891 A (ESDA STRUMPFKOMBINAT VEB) 19 September 1985 (1985-09-19) | | |
| A | EP 0 632 972 A (PEDRINI GM CALZIFICIO) 11 January 1995 (1995-01-11) | | |
| A | WO 96 21366 A (THRONEBURG JAMES L) 18 July 1996 (1996-07-18) | | |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.7) |
| | | | D04B A41B |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 29 April 2002 | Examiner Van Gelder, P |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> | | | |

EPO FORM 1503 03 82 (P04C01)

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

EP 01 87 0187

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
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

29-04-2002

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|---|---------------------|----------------------------|---------------------|
| US 3143870 | A | 11-08-1964 | NONE | |
| WO 0019846 | A | 13-04-2000 | AU 739436 B2 | 11-10-2001 |
| | | | AU 6183199 A | 26-04-2000 |
| | | | WO 0019846 A1 | 13-04-2000 |
| | | | CN 1325279 T | 05-12-2001 |
| | | | EP 1133245 A1 | 19-09-2001 |
| DE 3503891 | A | 19-09-1985 | DD 223475 A1 | 12-06-1985 |
| | | | DE 3503891 A1 | 19-09-1985 |
| | | | IT 1180735 B | 23-09-1987 |
| EP 0632972 | A | 11-01-1995 | IT 1262758 B | 04-07-1996 |
| | | | AT 142851 T | 15-10-1996 |
| | | | DE 69400558 D1 | 24-10-1996 |
| | | | DE 69400558 T2 | 06-02-1997 |
| | | | DK 632972 T3 | 30-12-1996 |
| | | | EP 0632972 A1 | 11-01-1995 |
| | | | ES 2092391 T3 | 16-11-1996 |
| | | | GR 3021521 T3 | 31-01-1997 |
| | | | SI 632972 T1 | 30-04-1999 |
| WO 9621366 | A | 18-07-1996 | US 5560226 A | 01-10-1996 |
| | | | AU 4693796 A | 31-07-1996 |
| | | | BR 9607481 A | 19-05-1998 |
| | | | CA 2210400 A1 | 18-07-1996 |
| | | | CN 1173808 A | 18-02-1998 |
| | | | DE 69610818 D1 | 07-12-2000 |
| | | | DE 69610818 T2 | 07-06-2001 |
| | | | EP 0804099 A1 | 05-11-1997 |
| | | | ES 2153560 T3 | 01-03-2001 |
| | | | JP 10512332 T | 24-11-1998 |
| | | | NZ 301499 A | 26-01-1998 |
| | | | WO 9621366 A1 | 18-07-1996 |