

# Europäisches Patentamt European Patent Office

Office européen des brevets



(11) **EP 1 016 746 A3** 

(12)

### **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: 31.01.2001 Bulletin 2001/05

(51) Int. Cl.<sup>7</sup>: **D04B 1/24** 

(43) Date of publication A2: **05.07.2000 Bulletin 2000/27** 

(21) Application number: 99124731.3

(22) Date of filing: 13.12.1999

(84) Designated Contracting States:

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Designated Extension States:

**AL LT LV MK RO SI** 

(30) Priority: 28.12.1998 IT MI982838

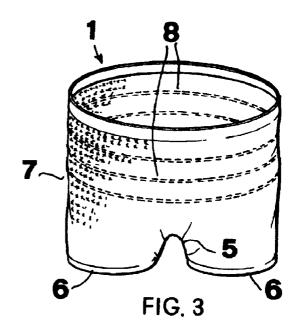
(71) Applicant: Corman S.R.L. 20084 Lacchiarella (IT)

(72) Inventor: Mantovani, Giorgio 20135 Milano (IT)

(74) Representative: Cicogna, Franco
Ufficio Internazionale Brevetti
Dott.Prof. Franco Cicogna
Via Visconti di Modrone, 14/A
20122 Milano (IT)

## (54) A method for making an elasticised pants article for persons suffering from incontinence and the pants made thereby

(57) The invention relates to a method for making an elasticised pants article for persons suffering from incontinence, comprising the steps of knitting, by a circular loom, a tubular fabric element, having a homogeneous knitted construction, of the 1-to-1 knitting type, removing equivalent portions of the tubular element fabric, so that the front and rear fabric portions of the tubular element are equal to one another, and seaming, without any upturned portions, the tubular element near the zones thereof from which said fabric portions have been removed. The knitting process further provides to introduce one or more threads or yarns of an uncoated elastomeric material. The present invention further relates to an elasticised pants article for persons suffering from incontinence made by the inventive method.





### **EUROPEAN SEARCH REPORT**

Application Number EP 99 12 4731

|   | DUCUMENTS CONSID   | ERED TO BE RELEVANT   | <u> </u>   |  |
|---|--|---|--|--|
| Category  | Citation of document with i<br>of relevant pass  | ndication, where appropriate,<br>cages  | Relevant<br>to claim   | CLASSIFICATION OF THE APPLICATION (Int.CI.7) |
| X   | EP 0 407 100 A (PAN<br>9 January 1991 (199   |   | 1,2,4-6  | D04B1/24                                     |
| A   | * the whole documen  | t *   | 3,7  |  |
| A   | US 2 837 904 A (EDW<br>10 June 1958 (1958-<br>* column 2, line 6<br>* figures 1-7 *  |   | 1  |  |
| A   | US 5 746 068 A (CAT<br>5 May 1998 (1998-05<br>* the whole documen  | -05)  | 1,4,5  |  |
| A   | US 3 625 029 A (SAM<br>7 December 1971 (19<br>* column 2, line 31<br>* figure 1 *  | 71–12–07)   | 1,3,7  |  |
| A   | GB 2 053 298 A (DAV<br>4 February 1981 (19<br>* the whole documen  | 81-02-04)   | 1,3,7  | TECHNICAL FIELDS                             |
|   | Total who ie documen   |   |  | TECHNICAL FIELDS<br>SEARCHED (Int.CI.7)      |
|   |  |   |  |  |
|   | The present search report has t  | peen drawn up for all claims  |  |  |
|   | Place of search  | Date of completion of the search  |  | Examiner                                     |
|   | THE HAGUE  | 8 December 2000   | ) Fai  | rbanks, S                                    |
| X : parti<br>Y : parti<br>docu<br>A : techi<br>O : non- | ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with another ment of the same category nological backgroundwritten disclosure mediate document | E : earlier patent<br>after the filling<br>D : document cite<br>L : document cite | ciple underlying the i<br>document, but public date<br>ed in the application and for other reasons<br>e same patent family | shed on, or                                  |

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

EP 99 12 4731

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.

08-12-2000

| Patent document<br>cited in search report |   | Publication date | Patent family<br>member(s)   | Publication date  |
|---|---|------------------|--|---|
| EP 407100                                 | Α | 09-01-1991       | AT 123081 T<br>DE 69019611 D<br>DE 69019611 T<br>DK 407100 T<br>PT 94571 A | 15-06-199<br>29-06-199<br>07-12-199<br>02-10-199<br>20-03-199 |
| US 2837904                                | Α | 10-06-1958       | NONE   |   |
| US 5746068                                | A | 05-05-1998       | US 5613378 A<br>CA 2191546 A   | 25-03-199<br>31-05-199  |
| US 3625029                                | Α | 07-12-1971       | NONE   |   |
| GB 2053298                                | Α | 04-02-1981       | DE 3025245 A   | 08-01-198   |

FORM P0459

O For more details about this annex : see Official Journal of the European Patent Office, No. 12/82