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# (11) EP 1 745 707 A1

(12)

# **EUROPEAN PATENT APPLICATION**

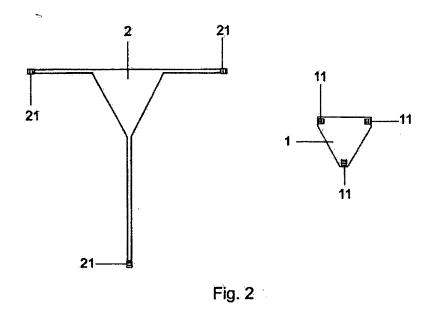
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# (54) UNISEX UNDERWEAR

(57) The invention relates to a thong-type item of clothing comprising at least two independent parts, namely a rear part (1) and a front part (2) which are provided with complementary coupling means (11, 21) such that they can be fixed in a use position and subsequently

separated. The front part (2) is essentially T-shaped and the coupling means (21) thereof are arranged at the ends of the wings. The rear part (1) can have different configurations and the coupling means (11) thereof are arranged at the sides or at the upper and lower ends of same.



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#### Description

#### **Object of the Invention**

**[0001]** As indicated by the title, the present invention relates to unisex underwear, and more specifically to thong-type underwear.

#### **Background of the Invention**

**[0002]** Thong-type underwear having a front part and rear part permanently joined together generally by sewing are currently well-known.

**[0003]** It is also frequent for this thong-type underwear to incorporate adornments or decorative elements in their rear area making them more appealing.

**[0004]** In this type of underwear the front area or part is subjected to greater wear than the rear part, meaning that when said front part becomes deteriorated due to use it is necessary to dispose of the entire item of clothing. On the other hand, successive washings of the underwear cause an accelerated deterioration of the decorative elements incorporated in the rear part, causing a progressive loss of the original appeal.

#### **Description of the Invention**

**[0005]** The unisex underwear object of the invention, being of the mentioned type, i.e. thong-type, has special constructive features aimed at allowing: successive couplings and decouplings of the front part and rear part, which allows selling both parts separately, the possibility of using the same rear part with different front parts or vice versa, and the possibility of washing the front part and the rear part separately and when it is required.

**[0006]** To that end, and according to the invention, the unisex underwear object of the invention comprise at least two independent parts, a front part and a rear part, incorporating complementary coupling means for their eventual fixing in an operative or use position, said complementary coupling means obviously allowing the separation of both parts and their individual replacement.

**[0007]** The front part has a general T-shaped configuration, the wings of which start in a central part, the coupling means for coupling with the rear part being arranged in correspondence with the ends of its wings. The rear part in turn can have different configurations, the coupling means for coupling with the front part being arranged in correspondence with its side or upper areas and with its lower area.

**[0008]** The complementary closing means fixed to the front part and to the rear part can be of any known type (pressure, contact, hook type, etc.) as long as they allow repeatedly forming the attachment and separation of the mentioned parts of the underwear.

**[0009]** The rear part of the underwear can be made up of different materials of a metallic, textile, leather, fiber nature, or of any other materials, it having been provided

that the front part is preferably made of a textile material, textile fibers or any other material assuring comfortable and practical use of the underwear.

**[0010]** Furthermore, both the front and rear parts can incorporate decorative elements or motifs intended for making the underwear more appealing.

#### **Description of the Drawings**

- 10 [0011] To complement the description being made and for the purpose of aiding to better understand the features of the invention, a set of drawings is attached to the present specification in which the following has been shown with an illustrative and non-limiting character:
  - Figure 1 shows a rear perspective view of the unisex underwear object of the invention, where the independent front and rear parts can be seen joined together by the complementary coupling means thereof.
  - Figure 2 shows an elevational and planar view of an embodiment of the front part and of the rear part separated from one another, having depicted them in this case separated.

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#### **Preferred Embodiment of the Invention**

[0012] As can be seen in the attached figures, the unisex underwear object of the invention are made up of an <sup>30</sup> independent rear part (1) and front part (2) incorporating complementary coupling means (11 and 21), respectively.

**[0013]** Said complementary coupling means (11, 12) allow the eventual fixing of the parts (1 and 2) in an operative or use position, as is shown in Figure 1, and their subsequent separation, as is shown in Figure 2.

**[0014]** Both the front part (2) and the rear part (1) are individually replaceable, which enables using different front parts (1) with a single rear part (2), or vice versa.

<sup>40</sup> **[0015]** Having sufficiently described the nature of the invention as well as a preferred embodiment thereof, it is stated for all intents and purposes that the materials, shape, size and arrangement of the described elements can be modified, provided that this does not imply an

45 alteration of the essential features of the invention claimed below.

### Claims

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- Unisex underwear, said underwear being the thongtype, characterized in that they comprise at least two independent parts, a rear part (1) and a front part (2) incorporating complementary coupling means (11, 21) for their eventual fixing in an operative or use position and their subsequent separation.
- 2. Unisex underwear according to claim 1, character-

**ized in that** the front part (2) generally has a T-shaped configuration, the coupling means (21) being arranged in correspondence with the ends of its wings.

- 3. Unisex underwear according to claim 2, characterized in that the rear part (1) can have different configurations, the coupling means (11) being arranged in correspondence with its sides or with its upper end and in correspondence with its lower end.

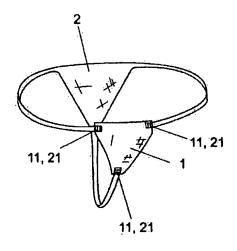


Fig. 1

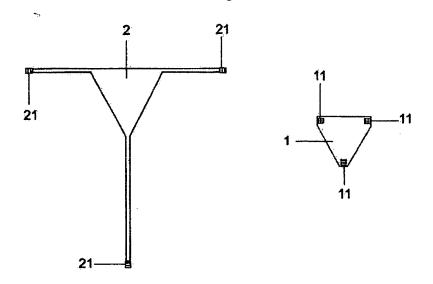


Fig. 2

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#### INTERNATIONAL SEARCH REPORT

# International application No. PCT/ ES 2005/000221

A. CLASSIFICATION OF SUBJECT MATTER

# IPC 7: A41B 9/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

# IPC 7 : A41B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

### CIBEPAT, EPODOC, WPI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
x	ES 1056577 U (GONZALEZ VILLAR) figure 1; claim	REAL) 1 April 2004	1-3
A	ES 1044538 U (GRIMA) 1 May 200	); figures	1-3
Furth	er documents are listed in the continuation of Box C.	X See patent family annex.	
"A" docume	categories of cited documents: ant defining the general state of the art which is not considered f particular relevance	"T" later document published after the inter date and not in conflict with the appli the principle or theory underlying the	cation but cited to understand
"E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other	considered novel or cannot be considered novel or cannot be considered at the document is taken alon	lered to involve an inventive	
special	special reason (as specified) " document referring to an oral disclosure, use, exhibition or other	"Y" document of particular relevance; the considered to involve an inventive combined with one or more other such	step when the document is documents, such combination
	ent published prior to the international filing date but later than ority date claimed	being obvious to a person skilled in the "&" document member of the same patent	
	actual completion of the international search	Date of mailing of the international sea	rch report
1	10 June 2005 (10.06.05)	30 June 2005 (30	0.06.05)
Name and 1	nailing address of the ISA/ S.P.T.O	Authorized officer	
Facsimile N	Įo	Telephone No.	
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1101/16/0210 (Second Sheet) (July 1992)

INTERNATIONAL SEARCH REPORT Information on patent family members			International Application No PCT/ ES 2005/000221	
Patent document cited in search report	Publication date	Patent familiy member(s)	Publication date	
ES 1056577 U	01.04.2004	NONE		
ES 1044538 U	01.05.2000	NONE		

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