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(54) **ANTI-THEFT DEVICE FOR HANDBAGS**

DIEBSTAHLSICHERUNGSVORRICHTUNG FÜR HANDTASCHEN

DISPOSITIF ANTIVOL POUR SACS À MAIN

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(73) Proprietor: **Zabelli, Rosalia**
43126 Parma (IT)

(72) Inventor: **Zabelli, Rosalia**
43126 Parma (IT)

(74) Representative: **Guareschi, Antonella et al**
Ing. Dallaglio S.r.l.
Via Mazzini 2
43121 Parma (IT)

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WO-A1-95/01111 **US-A- 4 633 232**

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Description

[0001] The present invention refers to the field of personal anti-theft devices for objects such as, for example, wallets, change purses, pouches, pockets, etc. contained in an handbag or bag.

[0002] The prior art already comprises anti-theft devices using personal alarms having a tear-away string with an audible signaler, but more complicated and unpractical. It is known for example the patent JP2004016775. The invention comprises a system formed by a small pocket to be inserted in handbags, backpacks, bags, wallets, etc., containing a personal alarm connected, by a chain, to the human body. Said chain is threaded through two holes: one made in a side of the small pocket, and the other made on the side of the handbag at the small pocket hole.

[0003] Another example of prior art is the document WO95/01111 which discloses a container for valuables, such as a note case or handbag, is connected to the person or a valuable article is connected to a fixed location, by a flexible, elongate connecting member which is retractable into a housing so that the container can be held close to the person but can be distanced from the person as the connecting member is drawn out of the housing. There is an alarm device for actuating an alarm when a substantial length of the connecting member has been drawn out of the housing.

[0004] The main disadvantages of the prior art are:

- the anti-theft device must be attached to the person, for example, by hooking an end to the belt or eyelet of garments and the other end to the object to be secured. Therefore:
- there is a connection coming from the handbag, in case somebody wants to fasten an object contained in it, this makes the use of the same not very practical, and
- at the same time it is dangerous in case the owner of the small pockets is jerked during a bag-snatching.

[0005] The object of the present invention is to solve the above mentioned problems by providing an anti-theft device , as defined by claim 1, comprising a personal alarm which is turned on in case of a theft attempt. Preferred features of the invention are set out in the dependent claims.

[0006] A first advantage of the device object of the present invention is due to its simple use, because it is possible to extract from the handbag the secured object without turning off the device and without detaching the connecting element from the device or human body. Another advantage is the lightness of the device, because the handbag is weighed down just by the weight of the connecting element.

[0007] Moreover, it is pointed out the toughness of the anti-theft device because it is made of anti-tear and metal materials.

[0008] Said objects and advantages are all met by the anti-theft device for handbags, object of the present invention, which is characterized for what is provided in the following claims.

[0009] This and other characteristics will be better understood by the following description of a preferred embodiment shown in an exemplifying non-limiting way in the attached drawings.

- Figure 1 is an overall view of the device received in an handbag and hooked, for example, to an inner zipper of the handbag;
- Figure 2 is a detailed view of the anti-theft device for handbags.

[0010] Referring particularly to the figures, 1 shows the handbag in which is received the anti-theft device for handbags object of the present invention. 2 shows the object to be secured, for example, a wallet, and 2a shows the closure system of the same, for example a zipper.

[0011] A first metal ring 5 located at one of the two ends of the connecting element 4 is hooked to the closure system 2a of the object 2 to be secured.

[0012] Said connecting element 4 can comprise, for example, a metal chain or a string made of a tear resistant material such as Cordura (a trademark of INVISTA TECHNOLOGIES S.r.l.) or synthetic fibres or plastic straps or any material having a good tear resistance.

[0013] 6 shows a second ring at the other end of the connecting element 4.

[0014] By said second ring 6 and a first hooking element 7 of the metal spring-catch type, it is possible to join the connecting element 4 to the lower part of a personal alarm 3b with the anti-tear string having an audible signaler with interchangeable batteries.

[0015] Said personal alarm 3b is received in a alarm holding small pocket 3a made of a tear-resistant material, provided in its upper part with an hooking point 3c particularly resistant made for example of a reinforced stitch.

[0016] The assembly formed by the alarm holding small pocket 3a and the personal alarm 3b is the deterrent system 3.

[0017] To the hooking point 3c on the upper part of the alarm holding small pocket 3a, it is joined, for example, with a stitch, a second hooking element 8, of the metal spring-catch type, which fastens the upper part of the alarm holding small pocket 3b to the inside of the handbag 1 (for example adjacent an inner zipper, as shown in Figure 1).

[0018] Now, it is described the operation of the device object of the present invention by following the reference numbers shown in the figures.

[0019] If somebody tries for example to steal the wallet 2, by pulling the connecting element 4, to which the wallet 2 itself is hooked, it is activated the audible signal of the personal alarm 3b received in the alarm holding small pocket 3a.

[0020] The personal alarm 3b keeps on sounding until

it is turned off.

[0021] The operation procedure of said personal alarm 3b is known.

[0022] Moreover, the wallet 2 cannot be easily extracted since the anti-theft device fastens the wallet to an inner part of the handbag, such as a zipper of an inner pocket.

Claims

1. Anti-theft device for a handbag, comprising a deterrent system (3) having a personal alarm (3b) and an alarm holding small pocket (3a) made of a tear resistant material, containing the alarm (3b), said alarm holding small pocket (3a) provided in its upper part with a hooking point (3c); a connecting element (4) joining the deterrent system to an object (2) to be secured; a second hooking element (8) of the deterrent system (3) to be fastened inside said handbag; **wherein:**

    - said second hooking element (8) being fastened to said hooking point (3c);
    - a first metal ring (5) is located at one end of said connecting element (4) and is able to hook said object (2);
    - a second ring (6) is located at the other end of the connecting element (4) and is able to connect to the lower part of the alarm (3b) by means of a first hooking element (7);
    - by said second ring (6) and said first hooking element (7) said connecting element (4) is joinable to the lower part of the alarm (3b) provided with anti-tear string having an audible signaler with interchangeable batteries.

2. Anti-theft device for a handbag, according to claim 1, **characterized by** the fact the second hooking element (8) connects the anti-theft device, together with the object (2) to be secured, inside the handbag (1).

3. Anti-theft device for a handbag, according to claims 1 and 2, **characterized by** the fact the first and second hooking elements (7 and 8) are metal springcatches.

4. Anti-theft device for a handbag, according to claim 1, **characterized by** the fact the connecting element (4) comprises a metal chain or a string made of a tear resistant material or synthetic fibres or plastic straps or any other material having a good tear resistance.

Patentansprüche

1. Diebstahlsicherungsvorrichtung für einen Beutel, umfassend ein Abschreckungssystem (3) mit einem persönlichen Alarm (3b) und mit einer Tasche (3a), die den Alarm (3b) enthält, die von einem reißfesten Material gebildet ist, wobei die den Alarm enthaltene Tasche (3a) in ihrem oberen Teil mit einem Kopplungspunkt (3c) versehen ist; ein Verbindungselement (4) das Abschrecksystem mit einem zu fixierenden Objekt (2) verbindet; ein zweites Kupplungselement (8) des Abschrecksystems (3) muss im Beutel befestigt sein, wobei:

    - das zweite Kupplungselement (8) ist am Kupplungspunkt (3c) befestigt;
    - ein erster Metallring (5) befindet sich an einem Ende des Verbindungselements (4) und kann sich mit dem Objekt (2) kuppeln;
    - ein zweiter Ring (6) befindet sich am anderen Ende des Verbindungselements (4) und kann über ein erstes Kupplungselement (7) mit dem unteren Teil des Alarms (3b) verbunden werden;
    - über den zweiten Ring (6) und das erste Kupplungselement (7) kann das Verbindungselement (4) mit einem reißfesten Klebeband mit einer akustischen Warnvorrichtung mit austauschbaren Batterien an den unteren Teil des Alarms (3b) angeschlossen werden.

2. Diebstahlsicherungsvorrichtung für einen Beutel (1) nach Anspruch 1,
dadurch gekennzeichnet, dass das zweite Kupplungselement (8) die Diebstahlsicherungsvorrichtung zusammen mit dem zu fixierenden Objekt (2) im Beutel (1) verbindet.

3. Diebstahlsicherungsvorrichtung für einen Beutel nach Anspruch 1 und 2, **dadurch gekennzeichnet, dass** das erste und das zweite Befestigungselement (7 und 8) Metallfederhaken sind.

4. Diebstahlsicherungsvorrichtung für einen Beutel nach Anspruch 1, **dadurch gekennzeichnet, dass** das Verbindungselement (4) eine Metallkette oder ein Band aus einem reißfesten Material oder aus synthetischen Fasern oder Kunststoffbändern oder aus einem anderen Material mit guter Reißfestigkeit, umfasst.

Revendications

1. Dispositif antivol pour un sac, comprenant un système dissuasif (3) avec une alarme personnelle (3b) et avec une poche (3a) contenant une alarme formée par un matériau résistant à la déchirure, contenant l'alarme (3b), la poche (3a) contenant l'alarme étant

munie dans sa partie supérieure d'un point d'accrochage (3c); un élément de connexion (4) reliant le système dissuasif à un objet (2) à fixer; un deuxième élément d'accrochage (8) du système dissuasif (3) doit être fixé à l'intérieur du sac; dans lequel:

- le deuxième élément d'accrochage (8) est fixé au point d'accrochage (3c);
- une première bague métallique (5) est situé à une extrémité de l'élément de liaison (4) et peut accrocher l'objet (2);
- une deuxième bague (6) est situé à l'autre extrémité de l'élément de connexion (4) et peut se connecter à la partie inférieure de l'alarme (3b) au moyen d'un premier élément d'accouplage (7);
- au moyen de la deuxième bague (6) et du premier élément d'accrochage (7), l'élément de connexion (4) peut être connecté à la partie inférieure de l'alarme (3b) munie d'un ruban résistant à la déchirure avec un avertisseur sonore à piles interchangeables.

2. Dispositif antivol pour un sac selon la revendication 1,
caractérisé en ce que le deuxième élément d'accrochage (8) relie le dispositif antivol, conjointement avec l'objet (2) à fixer, à l'intérieur du sac (1).

3. Dispositif antivol pour un sac selon les revendications 1 et 2, **caractérisé en ce que** le premier et le deuxième éléments d'accrochage (7 et 8) sont des prises à ressort métalliques.

4. Dispositif antivol pour un sac selon la revendication 1,
caractérisé en ce que l'élément de connexion (4) comprend une chaîne métallique ou un ruban en un matériau résistant à la déchirure ou des fibres synthétiques ou des bandes en plastique ou tout autre matériau avec une bonne résistance à la déchirure.

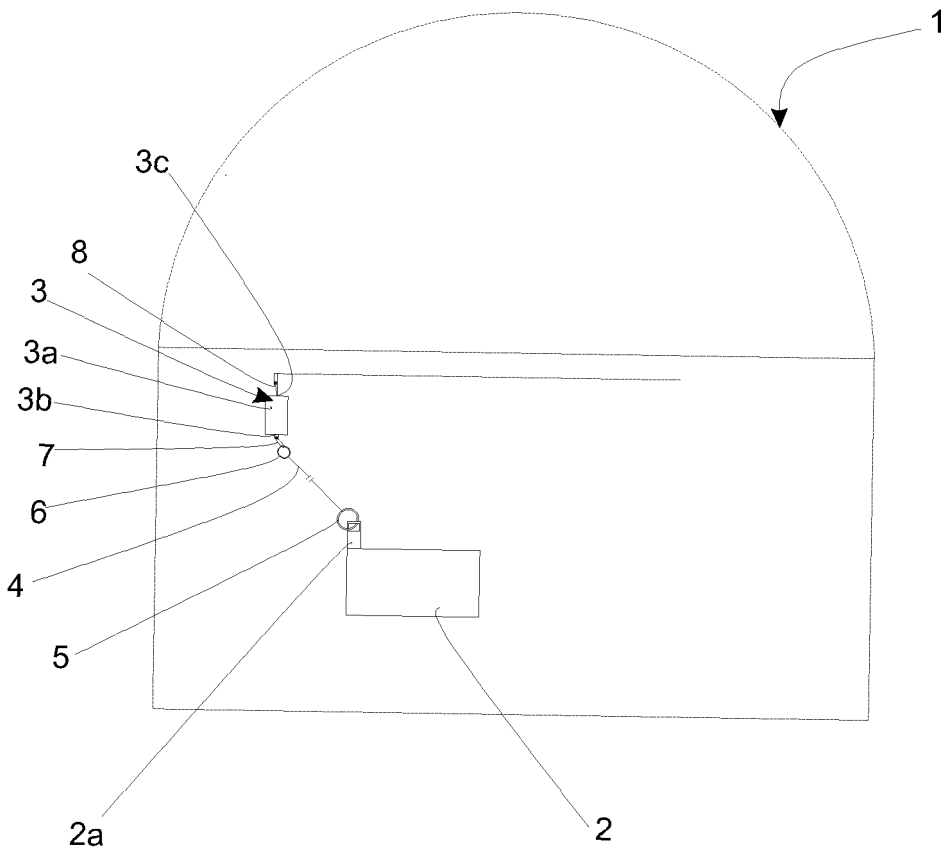
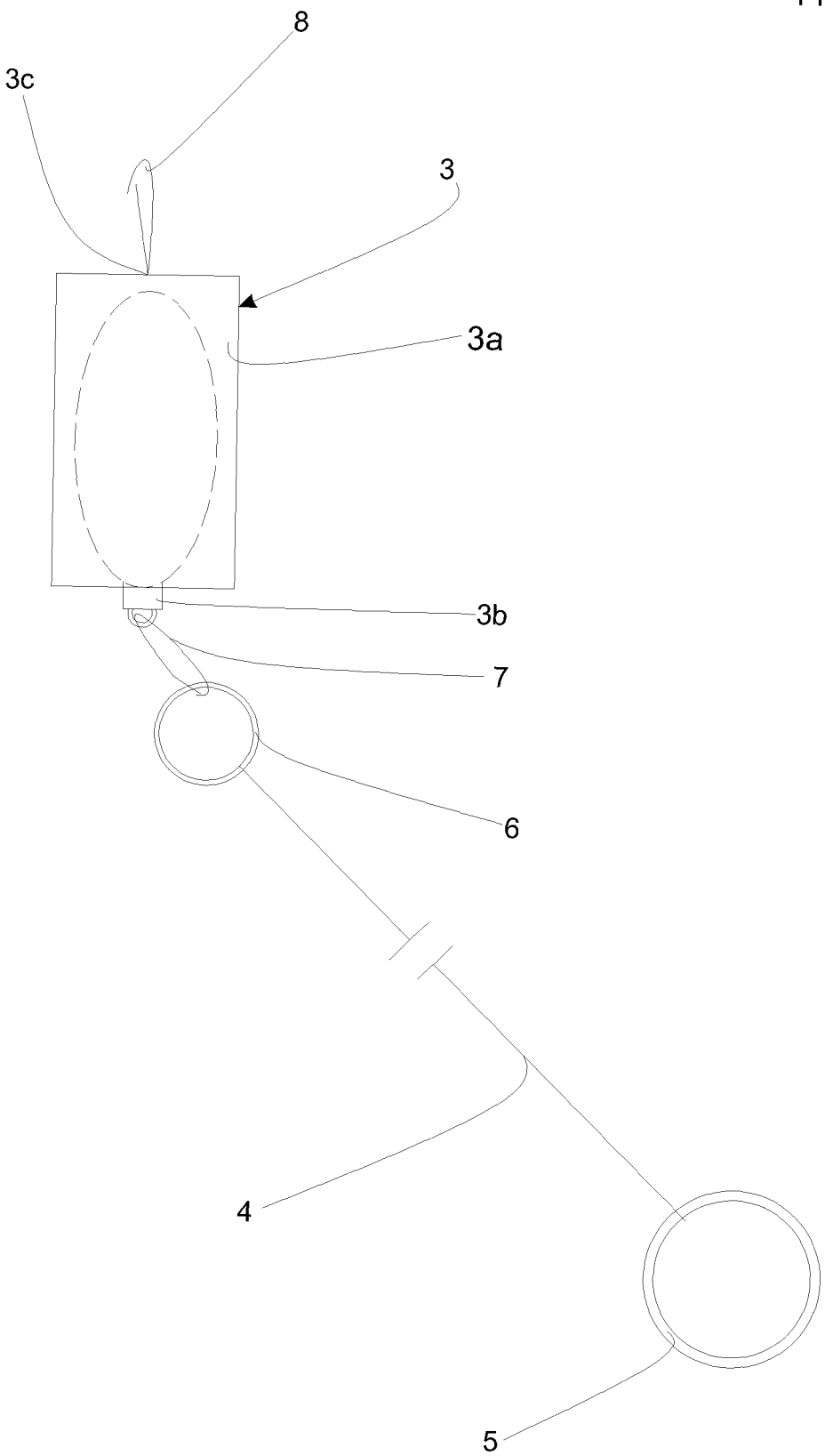


Fig.1

Fig.2



REFERENCES CITED IN THE DESCRIPTION

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Patent documents cited in the description

- JP 2004016775 B **[0002]**
- WO 9501111 A **[0003]**