



HU000034956T2

(19) **HU**(11) Lajstromszám: **E 034 956**(13) **T2****MAGYARORSZÁG****Szellemi Tulajdon Nemzeti Hivatala**

EURÓPAI SZABADALOM SZÖVEGÉNEK FORDÍTÁSA

(21) Magyar ügyszám: **E 10 708555**(22) A bejelentés napja: **2010. 03. 16.**(51) Int. Cl.: **A61F 5/443** (2006.01)**A61F 5/448** (2006.01)**A61F 5/445** (2006.01)

(96) Az európai bejelentés bejelentési száma:

EP 20100708555

(97) Az európai bejelentés közzétételi adatai:

EP 2408405 A1 **2010. 09. 23.**

(86) A nemzetközi (PCT) bejelentési szám:

PCT/EP 10/053327

(97) Az európai szabadalom megadásának meghirdetési adatai:

EP 2408405 B1 **2017. 08. 09.**

(87) A nemzetközi közzétételi szám:

WO 10106036

(30) Elsőbbségi adatok:

09155337**2009. 03. 17.****EP**

(72) Feltaláló(k):

GRUM-SCHWENSEN, Christen, DK-3400 Hillerod (DK)

(73) Jogosult(ak):

Hollister Incorporated, Libertyville, IL**60048-3781 (US)**

(74) Képviselő:

Danubia Szabadalmi és Jogi Iroda Kft.,**Budapest**

(54)

Ürithető osztómiás tasak

Az európai szabadalom ellen, megadásának az Európai Szabadalmi Közlönyben való meghirdetésétől számított kilenc hónapon belül, felszólalást lehet benyújtani az Európai Szabadalmi Hivatalnál. (Európai Szabadalmi Egyezmény 99. cikk(1))

A fordítást a szabadalmas az 1995. évi XXXIII. törvény 84/H. §-a szerint nyújtotta be. A fordítás tartalmi helyességét a Szellemi Tulajdon Nemzeti Hivatala nem vizsgálta.

(19)



(11)

EP 2 408 405 B1

(12)

EUROPEAN PATENT SPECIFICATION

(45) Date of publication and mention
of the grant of the patent:
09.08.2017 Bulletin 2017/32

(51) Int Cl.:
A61F 5/443 ^(2006.01) **A61F 5/445** ^(2006.01)
A61F 5/448 ^(2006.01)

(21) Application number: **10708555.7**

(86) International application number:
PCT/EP2010/053327

(22) Date of filing: **16.03.2010**

(87) International publication number:
WO 2010/106036 (23.09.2010 Gazette 2010/38)

(54) **A DRAINABLE OSTOMY POUCH**

ENTWÄSSERBARER OSTOMIEBEUTEL

POCHE DE STOMIE VIDABLE

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL
PT RO SE SI SK SM TR**

(30) Priority: **17.03.2009 EP 09155337**

(43) Date of publication of application:
25.01.2012 Bulletin 2012/04

(73) Proprietor: **Hollister Incorporated
Libertyville, IL 60048-3781 (US)**

(72) Inventor: **GRUM-SCHWENSEN, Christen
DK-3400 Hillerød (DK)**

(74) Representative: **Høiberg P/S
Adelgade 12
1304 Copenhagen K (DK)**

(56) References cited:
**EP-A- 1 378 218 WO-A-99/66859
WO-A-03/065944 WO-A-2008/134334**

EP 2 408 405 B1

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

Description

[0001] The present invention relates to a drainable ostomy pouch with a releasable sealable fold-up closure system. In the art it is well known to provide drainable ostomy pouches with closure systems, where a downwardly extending outlet portion is closed by folding the outlet portion upwardly.

[0002] An example of such fold-up closure system is known from WO 2008/134334 where a resealable press and seal material is provided on the surface of the outlet portion so that the outlet portion is sealed and secured to itself when rolled up.

[0003] In the collecting bag described in WO 96/19164, the outlet section can be rolled up and closed by two closure clips which are folded from the sides of the outlet and with locking elements thereon to engage and secure the rolled up outlet section.

[0004] In WO 03/065944, there is described an ostomy pouch where a first fastening strip is located along the outer surface of a first side of the outlet portion and a second fastening strip is located along a second side of the outlet portion. When the outlet portion is folded up, the two fastening strips will eventually engage and thereby the outlet portion is fully folded and locked in a closed position.

[0005] Another solution is for instance shown in EP 1 378 218 A1, where one of the fastener parts is provided on a security flap which is secured under the downwardly oriented outlet portion and foldable to a position under the outlet when rolled up.

[0006] Common for all of these closure systems, there is a rolled up - or folded up - outlet portion as the lowermost point of the pouch during normal wear of the pouch. This folded/rolled up portion consists of multiple of layers of film material including outlet bias members and is therefore relatively stiff. This may result in discomfort for the user when using the pouch.

[0007] Accordingly, it is an object of the invention to provide a pouch with a closure system whereby the comfort when wearing the pouch is improved.

[0008] The invention concerns a drainable ostomy pouch of claim 1.

[0009] By the invention, the fold-up outlet portion is hidden behind the comfort layer or dressing panel and this makes the pouch more ergonomic to wear. By a pouch according to the invention, the amount of visual parts are reduced when the pouch is closed and thereby the appearance is more visually attractive as the pouch may be provided with a more discrete design which is beneficial to the user who wishes a minimum of interference with his or her normal life. Furthermore, there are fewer sharp edges on the pouch which can interfere with the user's clothing. For instance, there is no stiff fold-up extending downwardly from the pouch itself which may interfere with the user's clothing.

[0010] Another advantage by the pouch design is that the integrated fold-up closure system makes the pouch

simple to manufacture and thereby allows for lower production costs compared with the ostomy pouches of this kind known in the art.

[0011] Preferably, the comfort layer is a non-woven material. However, it is realized that other types of material, such as film, fabric, or the like may be used as dressing panel or comfort layer.

[0012] According to the preferred embodiment, the second fastener strip is provided on the inside surface of the comfort layer. Moreover, the comfort layer is preferably provided with a reinforcement strip on which the second fastener strip is provided. Hereby, any risk of damaging the comfort layer when e.g. releasing the closure system is reduced. As an example the reinforcement strip may be made of a material similar to that of the wall panels forming the pouch.

[0013] In an embodiment the second fastener strip is provided on an extension of the comfort layer, and in particular the extension is provided on the distal side wall provided with a comfort layer material. This extension may be attached directly onto the distal wall panel of the pouch either by a linear attachment or by discrete attachments at the sides, for instance by providing the extension with a size so that its lateral extension overlaps the peripheral weldings. Preferably, the extension is a laminate and it also extends sufficiently downwardly to accommodate the folded up outlet portion.

[0014] In the closure system, the fastener strips may provide a peelable fastener system for releasably attaching and detaching the fold-up outlet portion. In particular, the first and second fastener strips may adhere to each other by mechanical engagement. As an example thereof the fastener system of the first and second fastener strips may be hook-hook type plastic extrusions, such as mushroom tip projections, for snap engagement between the two strips. Alternatively, the fastener system of the first and second fastener strips is hook and loop type fastener strips for snap engagement. Adhesive fasteners may also be used. Hereby, a simple and reliable fastening system is provided.

[0015] The pouch is welded along its periphery and preferably the outlet portion is formed such that the outlet portion comprises substantially parallel peripheral welding portions at a predetermined distance thereby defining the width of the outlet portion. In order to avoid residues of waste material in the pouch, there may be provided weldings defining the entry into the outlet portion. Accordingly, above the outlet portion the peripheral welding further includes inwardly extending welding portions on each side of the pouch where the distance between the two oppositely situated inwardly extending welding portions is equal to or less than the width of the outlet portion.

[0016] At the outlet edge, first and second bias members are preferably provided on each film transversely extending at the outlet periphery. The bias members are normally substantially flat so as to be in straight parallel closed condition but are openable under inwardly-directed finger pressure applied to their opposite ends to cause

them to bow outwardly away from each other. The bias members may advantageously be aligned opposite each other at the outlet periphery or the bias members being shifted relative to each other so that the first bias member is provided at the periphery and the second bias member is provided adjacent said first bias member such that said first bias member may be folded to a position on top of the second bias member. Hereby, the outlet portion is more controllable during opening as the outlet drain is reinforced for a wider area at the outlet opening.

[0017] In the following the invention is described in further detail with reference to the accompanying drawings, in which

- fig. 1 is a front view of an ostomy pouch according to a first embodiment of the invention;
- fig. 2 is a schematic cross-section view of the outlet portion of the pouch in fig. 1;
- fig. 3 is a front view of an ostomy pouch according to a second embodiment of the invention;
- fig. 4 is a schematic cross-section view of the outlet portion of the pouch in fig. 3; figs. 5 to 8 are cross-sectional schematic side views of the outlet portion of a pouch according to an embodiment of the invention and show the fold-up closure as it progresses.

[0018] With reference to the figures, the drainable ostomy pouch is an assembly of two sidewalls 1 and 2 where the proximal sidewall 1 is provided with an inlet (not shown) and the distal sidewall 2 which according to the embodiment shown is provided with a dressing panel or comfort layer 3. As indicated in figure 2, a comfort layer 3a may also be provided on the proximal side of the pouch. The sidewalls 1, 2 as well as the comfort layer 3 are joined along their edges by a peripheral welding 7 to form a cavity between the two sidewalls 1, 2. The sidewalls 1, 2 are formed with a main portion for providing the cavity for accommodating waste material entering the pouch and with a downwardly extending outlet portion 4 which terminate in a discharge opening 13. The peripheral welding 7 accordingly leaves the discharge opening without any welding. The peripheral welding 7 is thus formed with a horseshoe-like form defining and following the contour of the pouch.

[0019] As shown in the figures, the outlet portion 4 is provided with a transversely extending bias member 10 and 11 on each of the two sidewalls 1, 2. The bias members 10, 11 are preferably in the form of relative stiff but flexible, spring-like strips. The bias members 10, 11 may be flat or slightly curved when they are in their resting position abutting each other. In order to facilitate the opening, the flat or slightly curved bias members 10, 11 may be provided with score lines (not shown).

[0020] The comfort layer 3 is designed to cover the main portion of the pouch whereas the outlet portion 4 extends downwardly from under the comfort layer 3 when the pouch is open for drainage. The comfort layer 3 is

provided with an extension 9. On the proximal side of the proximal sidewall 1 there is provided a first fastener strip 5 in a predetermined distance from the discharge opening 13. On the inside surface of the extension 9, i.e. on the side of the extension 9 facing towards the distal side wall 2 (see fig. 2), there is provided a second fastener strip 6. The first and second fastener strips 5, 6 are designed to cooperate and are positioned such that when the outlet portion is folded up around the bias members 10, 11, the first and second fastener strips are brought into contact and the rolled up outlet portion is thereby retained in a releasable, closed and sealed upwardly folded position behind the extension 9 of the comfort layer 3.

[0021] With reference to figures 5 to 8, the fold-up closure process of the pouch is schematically illustrated. In fig. 5 the pouch is open and as shown in fig. 6, the outlet portion is then folded back around the bias members 10, 11 and folded again and again as shown in the figures 7 and 8 until the first fastener strip 5 on the proximal side of the sidewall 1 by the folding is facing towards the distal side of the pouch and is brought into a position adjacent the second fastener strip 6 which is provided on the inside surface of the extension 9 of the comfort layer 3. As the first and second fastener strips 5, 6 are joined together the fold-up outlet portion is retained and the pouch is closed.

[0022] The sidewalls 1, 2 and the comfort layer 3 are preferably joined together in the same welding process where the peripheral welding 7 is applied including the inwardly protruding weldings 8 which are provided above the outlet portion 4 and the closure system. The outlet portion 4 is formed as an elongated downwardly extending portion with welding portions on either side what are substantially parallel. The inwardly protruding welding portions 8 define the passage between the cavity of the pouch and the outlet section of the pouch. The distance between these two inwardly pointing welding portions 8 is less than or equal to the width of the outlet portion 4.

[0023] The comfort layer 3 is preferably made of a non-woven material. In addition, the extension 9 may be provided with a reinforcement, e.g. a backing layer (not shown) holding the second fastener strip 6 in order to reduce the risk of damaging the comfort layer when using it as an active component in the pouch closure system.

[0024] In figures 3 and 4, another embodiment of the pouch is shown. According to this embodiment, the extension 9 is provided as a separate part which may be attached by being welded onto the pouch assembly during the welding and that the extension is attached to the pouch by the welding protrusions 8. In addition, a separate welding 12 may be provided for attaching the extension 9 to the distal side wall 2 prior to the joining of the layers 1, 2, 3 of the pouch. Alternatively, the extension 9 could be welded onto the comfort layer 3 prior to the pouch assembly welding process.

[0025] The outlet portion 4 formed in the sidewall panels 1, 2 below the welding protrusions 8 and the extension 9 is provided a width which is substantially the same

along the outlet portion 4. Hereby, the outlet when folded up and secured and hidden behind the extension 9 is sealed.

[0026] As shown in figures 3 and 4, the bias members 10, 11 at the discharge opening 13 can - as an alternative - be relatively displaced so that one of the bias members 11 is provided on the lower edge of the proximal sidewall 1 along the discharge opening 13 and the other bias member 10 is provided on the distal sidewall 2 in a distance from the discharge opening 13. This distance corresponds to the width of the bias members 10, 11 so that the first bias member 11 is folded along its upper edge and onto the second bias member 10. It is of course realized that a pouch having this bias member configuration may be provided independent of the extension welding arrangement described above.

[0027] In the embodiments described above with reference to the figures, there is described a comfort layer on the distal side of the pouch. Alternatively, it is realized that the closure system could be provided with a comfort layer on the proximal side of the pouch as the active component. Moreover, in addition it is realized that comfort layers may be provided on both sides of the pouch to increase the comfort feel when using the pouch. Other variations may also be provided without departing from the scope of the invention.

Claims

1. A drainable ostomy pouch comprising:

a first, proximal pouch wall (1) and a second, distal pouch wall (2) joined together along an outer periphery of each to form a cavity for accommodating waste material and to form an outlet portion (4) with an outlet for draining the content of the pouch;

an inlet provided in the first, proximal pouch wall (1) for receiving waste into the pouch;

a comfort layer (3) provided at least on the distal pouch wall (2);

a closure system including first and second fastener strips (5, 6) for cooperatively closing the outlet by folding the outlet portion (4) upon itself; where

the first fastener strip (5) is provided on the proximal pouch wall (1); and

wherein the second fastener strip (6) is provided on the inside of the comfort layer (3) or on the inside of an extension (9) of the comfort layer (3) such that the outlet portion (4) when folded up is adapted to be releasably secured to the comfort layer (3) or the extension (9) between the comfort layer (3) and the distal pouch wall (2), and wherein in the folded position of the outlet portion (4) the comfort layer (3) or the extension (9) is not folded under the folded up outlet

portion (4) to wrap around the folded up outlet portion (4), such that the folded up outlet portion (4) is hidden behind the comfort layer (3) or the extension (9).

2. A pouch according to claim 1, wherein the comfort layer (3) is a non-woven film.

3. A pouch according to claim 1 or 2, wherein the comfort layer (3) is provided with a reinforcement strip on which the second fastener strip (6) is provided.

4. A pouch according to claim 1, wherein the extension (9) is provided on the distal side wall (2) provided with a comfort layer material.

5. A pouch according to claim 1 or 4, wherein the extension (9) is a laminate.

6. A pouch according to any of the preceding claims, wherein the fastener strips (5, 6) provide a peelable fastener system for releasably attaching and detaching the fold-up outlet portion (4).

7. A pouch according to any of the preceding claims, wherein the first and second fastener strips (5, 6) adhere to each other by mechanical engagement.

8. A pouch according to any of the preceding claims, wherein the fastener system of the first and second fastener strips (5, 6) includes hook-hook type plastic extrusions, such as mushroom tip projections, for snap engagement between the two strips (5, 6).

9. A pouch according to any of claims 1 to 7, wherein the fastener system of the first and second fastener strips (5, 6) includes hook and loop type fastener strips for snap engagement.

10. A pouch according to any of the preceding claims, wherein the outlet portion (4) comprises substantially parallel peripheral welding portions at a predetermined distance thereby defining the width of the outlet portion (4).

11. A pouch according to any of the preceding claims, wherein above the outlet (4) portion the peripheral welding (7) further includes inwardly extending welding portions (8) on each side of the pouch where the distance between the two oppositely situated inwardly extending welding portions (8) is equal to or less than the width of the outlet portion (4).

12. A pouch according to any of the preceding claims, wherein first and second bias members (10, 11) are provided on each film transversely extending at the outlet periphery.

13. A pouch according to any of the preceding claims, wherein said bias members (10, 11) are aligned opposite each other at the outlet periphery.
14. A pouch according to any of the preceding claims, wherein said bias members (10, 11) being shifted relative to each other so that the first bias member (10) is provided at the periphery and the second bias member (11) is provided adjacent said first bias member (10) such that said first bias member may be folded to a position on top of the second bias member (11).

Patentansprüche

1. Entleerbarer Stomabeutel, umfassend:

eine erste, proximale Beutelwand (1) und eine zweite, distale Beutelwand (2), die entlang einem jeden Außenumfang davon miteinander verbunden sind, um einen Hohlraum zum Aufnehmen von Abfallmaterial zu bilden und einen Auslassabschnitt (4) mit einem Auslass zum Entleeren des Inhalts des Beutels zu bilden; einen in der ersten, proximalen Beutelwand (1) bereitgestellten Einlass zum Aufnehmen von Abfall in den Beutel; eine zumindest an der distalen Beutelwand (2) bereitgestellte Komfortschicht (3); ein Schließsystem, einschließlich erster und zweiter Befestigungsstreifen (5, 6) zum gemeinsamen Schließen des Auslasses durch Falten des Auslassabschnitts (4) auf sich selbst; wobei der erste Befestigungsstreifen (5) an der proximalen Beutelwand (1) bereitgestellt ist; wobei der zweite Befestigungsstreifen (6) an der Innenseite der Komfortschicht (3) oder an der Innenseite einer Verlängerung (9) der Komfortschicht (3) bereitgestellt ist, sodass der Auslassabschnitt (4), wenn er gefaltet ist, auf lösbare Weise an der Komfortschicht (3) oder der Verlängerung (9) der Komfortschicht (3) und der distalen Beutelwand (2) befestigt werden kann, und wobei in der gefalteten Position des Auslassabschnitts (4) die Komfortschicht (3) oder die Verlängerung (9) sich nicht unter dem gefalteten Auslassabschnitt (4) erstreckt, sodass der gefaltete Auslassabschnitt (4) hinter der Komfortschicht (3) oder der Verlängerung (9) versteckt ist.

2. Beutel nach Anspruch 1, wobei die Komfortschicht (3) eine Vliesfolie ist.
3. Beutel nach Anspruch 1 oder 2, wobei die Komfortschicht (3) mit einem Verstärkungsstreifen versehen ist, auf dem der zweite Befestigungsstreifen (6) be-

reitgestellt ist.

4. Beutel nach Anspruch 1, wobei die Verlängerung (9) an der distalen Seitenwand (2), die mit einem Komfortschichtmaterial versehen ist, bereitgestellt ist.
5. Beutel nach Anspruch 1 oder 4, wobei die Verlängerung (9) ein Laminat ist.
6. Beutel nach einem der vorstehenden Ansprüche, wobei die Befestigungsstreifen (5, 6) ein abziehbares Befestigungssystem zum lösbaren Befestigen und Abnehmen des faltbaren Auslassabschnitts (4) bereitstellen.
7. Beutel nach einem der vorstehenden Ansprüche, wobei der erste und der zweite Befestigungsstreifen (5, 6) durch mechanische Ineingriffnahme aneinander haften.
8. Beutel nach einem der vorstehenden Ansprüche, wobei das Befestigungssystem des ersten und zweiten Befestigungsstreifens (5, 6) Kunststoffextrusionen des Haken-Haken-Typs wie Pilzkuppenvorsprünge für einen Schnappeingriff zwischen den zwei Streifen (5, 6) umfasst.
9. Beutel nach einem der Ansprüche 1 bis 7, wobei das Befestigungssystem des ersten und zweiten Befestigungsstreifens (5, 6) Befestigungsstreifen des Haken- und Schlaufe-Typs für einen Schnappeingriff umfasst.
10. Beutel nach einem der vorstehenden Ansprüche, wobei der Auslassabschnitt (4) im Wesentlichen parallele Umfangsschweißabschnitte in einer zuvor festgelegten Entfernung umfasst, wodurch die Breite des Auslassabschnitts (4) definiert wird.
11. Beutel nach einem der vorstehenden Ansprüche, wobei die Umfangsschweißung (7) über dem Auslassabschnitt (4) ferner sich nach innen erstreckende Schweißabschnitte (8) an jeder Seite des Beutels umfasst, wobei die Entfernung zwischen den zwei gegenüber voneinander angeordneten, sich nach innen erstreckenden Schweißabschnitten (8) gleich oder kleiner der Breite des Auslassabschnitts (4) ist.
12. Beutel nach einem der vorstehenden Ansprüche, wobei an jeder Folie ein erstes und zweites Vorspannelement (10, 11) bereitgestellt ist, das sich quer am Umfang des Auslasses erstreckt.
13. Beutel nach einem der vorstehenden Ansprüche, wobei die Vorspannelemente (10, 11) einander gegenüberliegend am Umfang des Auslasses ausgerichtet sind.

14. Beutel nach einem der vorstehenden Ansprüche, wobei die Vorspannelemente (10, 11) in Bezug aufeinander verschoben sind, sodass das erste Vorspannelement (10) am Umfang und das zweite Vorspannelement (11) an das erste Vorspannelement (10) angrenzend angeordnet ist, sodass das erste Vorspannelement in eine Position auf dem zweiten Vorspannelement (11) gefaltet werden kann.

Revendications

1. Poche de stomie vidable comprenant :

une première paroi proximale de la poche (1) et une seconde paroi distale de la poche (2) reliées entre elles le long d'une périphérie extérieure de chacune pour former une cavité destinée à recevoir des déchets et pour former une partie de sortie (4) avec un orifice de sortie pour évacuer le contenu de la poche ;
une entrée prévue dans la première paroi proximale de poche (1) destinée à recevoir les déchets dans la poche ;
une couche de confort (3) prévue au moins sur la paroi distale de la poche (2) ;
un système de fermeture comportant des première et seconde bandes de fixation (5, 6) pour fermer la sortie de manière coopérative par repliement de la partie de sortie (4) sur elle-même ; où la première bande de fixation (5) est prévue sur la paroi proximale de la poche (1) ; dans laquelle la seconde bande de fixation (6) est prévue sur l'intérieur de la couche de confort (3) ou sur l'intérieur d'une extension (9) de la couche de confort (3) de telle sorte que la partie de sortie (4) une fois repliée peut être fixée de manière détachable à la couche de confort (3) ou à l'extension (9) entre la couche de confort (3) et la paroi distale de la poche (2), et dans laquelle, dans la position repliée de la partie de sortie (4), la couche de confort (3) ou l'extension (9) ne se prolonge pas sous la partie de sortie repliée (4), de telle sorte que la partie de sortie repliée (4) est cachée derrière la couche de confort (3) ou l'extension (9).

2. Poche selon la revendication 1, dans laquelle la couche de confort (3) est un film non tissé.
3. Poche selon la revendication 1 ou 2, dans laquelle la couche de confort (3) est pourvue d'une bande de renfort sur laquelle la seconde bande de fixation (6) est fournie.
4. Poche selon la revendication 1, dans laquelle l'extension (9) est prévue sur la paroi latérale distale (2) pourvue d'un matériau de couche de confort.

5. Poche selon la revendication 1 ou 4, dans laquelle l'extension (9) est un stratifié.
6. Poche selon l'une quelconque des revendications précédentes, dans laquelle les bandes de fixation (5, 6) constituent un système de fixation détachable de manière libérable pour attacher et détacher la partie de sortie rabattable (4).
7. Poche selon l'une quelconque des revendications précédentes, dans laquelle les première et seconde bandes de fixation (5, 6) adhèrent l'une à l'autre par prise mécanique.
8. Poche selon l'une quelconque des revendications précédentes, dans laquelle le système de fixation des première et seconde bandes de fixation (5, 6) comprend des extrusions en plastique de type crochet-crochet, telles que projections à pointe en champignon, pour une prise par encliquetage entre les deux bandes (5, 6).
9. Poche selon l'une quelconque des revendications 1 à 7, dans laquelle le système de fixation des première et seconde bandes de fixation (5, 6) comprend des bandes de fixation de type crochet et boucle pour prise par encliquetage.
10. Poche selon l'une quelconque des revendications précédentes, dans laquelle la partie de sortie (4) comprend des parties de soudage périphérique sensiblement parallèles à une distance prédéterminée, définissant ainsi la largeur de la partie de sortie (4).
11. Poche selon l'une quelconque des revendications précédentes, dans laquelle au-dessus de la partie de sortie (4), la soudure périphérique (7) comprend en outre des parties de soudure (8) se prolongeant vers l'intérieur de chaque côté de la poche où la distance entre les deux parties de soudure se prolongeant vers l'intérieur situées de manière opposée (8) est égale ou inférieure à la largeur de la partie de sortie (4).
12. Poche selon l'une quelconque des revendications précédentes, dans laquelle les premier et second éléments en biais (10, 11) sont prévus sur chaque film s'étendant transversalement à la périphérie de la sortie.
13. Poche selon l'une quelconque des revendications précédentes, dans laquelle lesdits éléments en biais (10, 11) sont alignés l'un en face de l'autre à la périphérie de la sortie.
14. Poche selon l'une quelconque des revendications précédentes, dans laquelle lesdits éléments en biais (10, 11) étant décalés l'un par rapport à l'autre de

sorte que le premier élément en biais (10) est prévu à la périphérie et le second élément en biais (11) est prévu adjacent audit premier élément en biais (10) de telle sorte que ledit premier élément en biais peut être replié vers une position au-dessus du second élément en biais (11). 5

10

15

20

25

30

35

40

45

50

55

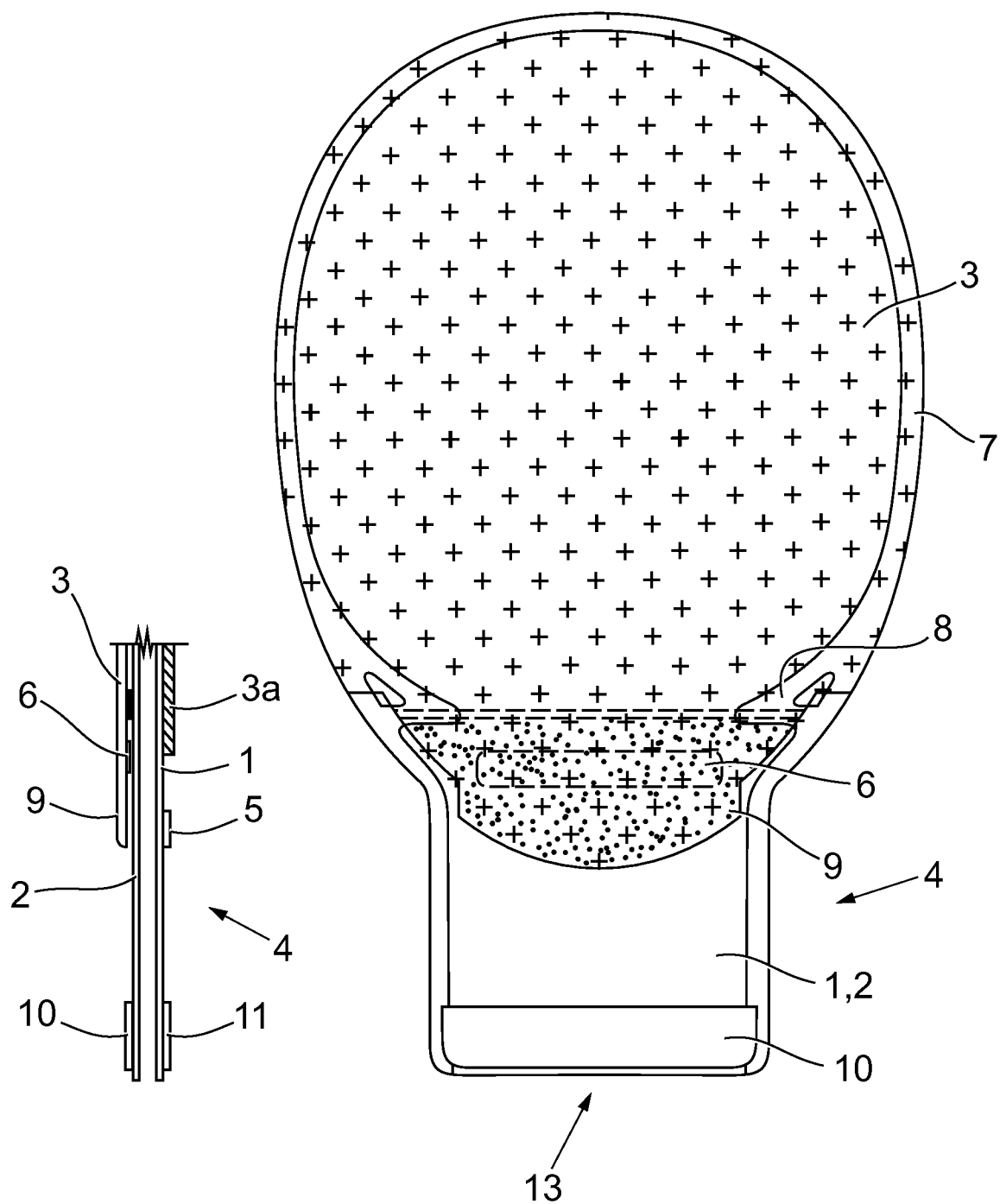


Fig. 2

Fig. 1

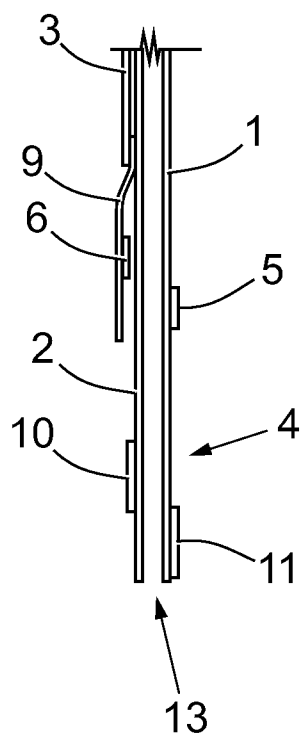


Fig. 4

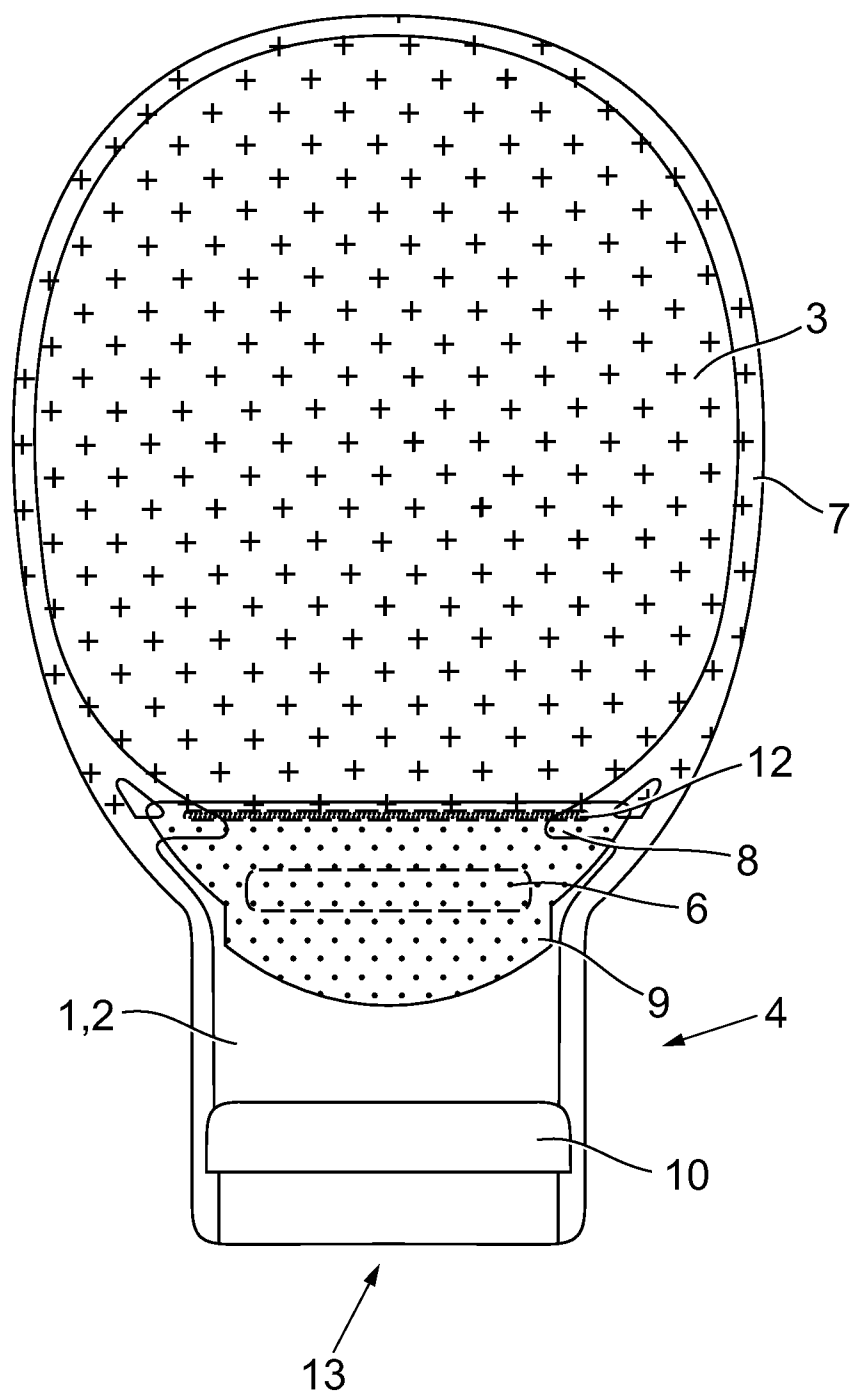


Fig. 3

Fig. 5

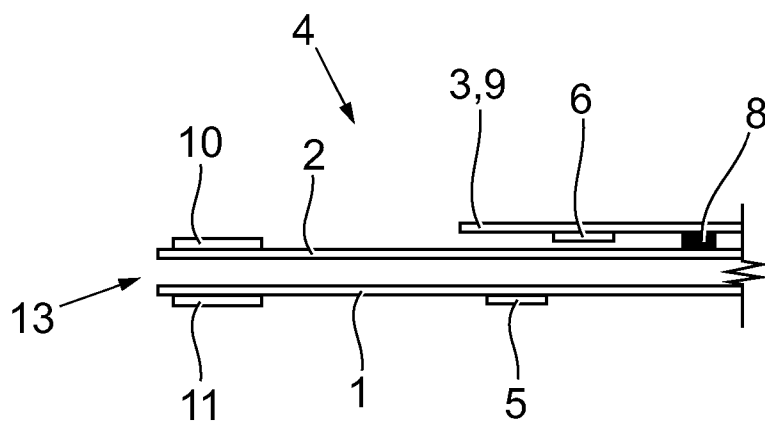


Fig. 6

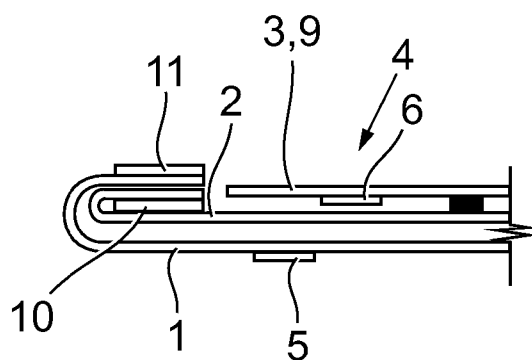


Fig. 7

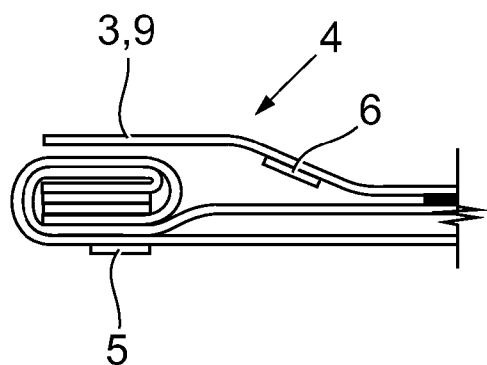
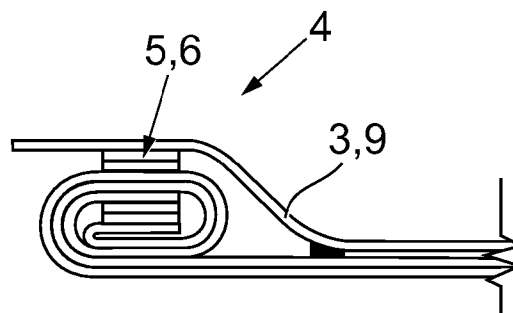


Fig. 8



REFERENCES CITED IN THE DESCRIPTION

This list of references cited by the applicant is for the reader's convenience only. It does not form part of the European patent document. Even though great care has been taken in compiling the references, errors or omissions cannot be excluded and the EPO disclaims all liability in this regard.

Patent documents cited in the description

- WO 2008134334 A [0002]
- WO 9619164 A [0003]
- WO 03065944 A [0004]
- EP 1378218 A1 [0005]

Ürithető osztómiás tasak

Szabadalmi igénypontok

1. Ürithető osztómiás tasak, amely tartalmaz:

egy első, proximális tasakfalat (1) és egy második, disztális tasakfalat (2), amelyek a külső kerületeik mentén egymáshoz vannak csatlakoztatva egy salakanyag befogadására szolgáló üreg létrehozása és egy, a tasak tartalmának kiürítésére szolgáló kiömlőnyílással rendelkező kivezető rész (4) létrehozása céljából;

egy beömlőnyílást, amely az első, proximális tasakfalban (1) található salakanyag tasak általi befogadására;

egy komfortréteget (3), amely legalább a disztális tasakfalon (2) van;

egy zárórendszert, amely első és második rögzítőszalagot (5, 6) tartalmaz a kiömlőnyílásnak a kivezető rész (4) önmagára hajtása általi együttes lezárására; ahol

az első rögzítőszalag (5) a proximális tasakfalon (1) van; és

ahol a második rögzítőszalag (6) a komfortréteg (3) belső részén vagy a komfortréteg (3) egy meghosszabbításának (9) belső részén úgy van elhelyezve, hogy a felhajtott kivezető rész (4) oldhatóan rögzíthető a komfortréteghez (3) vagy a komfortréteg (3) és a disztális tasakfal (2) közötti meghosszabbításához (9), és ahol a kivezető rész (4) felhajtott helyzetében a komfortréteg (3) vagy a meghosszabbítás (9) nincs a felhajtott kivezető rész (4) alá hajtva a felhajtott kivezető rész (4) körbetekérése céljából, ezáltal a felhajtott kivezető rész (4) a komfortréteg (3) vagy a meghosszabbítás (9) mögött van elrejtve.

2. Az 1. igénypont szerinti tasak, ahol a komfortréteg (3) egy nemszöti fólia.

3. Az 1. vagy a 2. igénypont szerinti tasak, ahol a komfortréteg (3) egy megerősített szalaggal van ellátva, amelyen a második rögzítőszalag (6) van.

4. Az 1. igénypont szerinti tasak, ahol a meghosszabbítás (9) egy komfortréteganyaggal ellátott disztális oldalfalon (2) van.

5. Az 1. vagy 4. igénypont szerinti tasak, ahol a meghosszabbítás (9) egy rétegelt anyag.

6. Az előző igénypontok bármelyike szerinti tasak, ahol a rögzítőszalagok (5, 6) egy lefejtető rögzítőrendszert képeznek a felhajtott kivezető rész (4) oldalai csatlakoztatására és leválasztására.

7. Az előző igénypontok bármelyike szerinti tasak, ahol az első és második rögzítőszalag (5, 6) mechanikai csatlakozás által tapad egymáshoz.

8. Az előző igénypontok bármelyike szerinti tasak, ahol az első és második rögzítőszalag (5, 6) rögzítőrendszere tartalmaz horog-horog típusú műanyag extrudálásokat, például gombacsúcs-kiemelkedéseket, a két szalag (5, 6) közötti bepattintható csatlakozáshoz.

9. Az 1-7. igénypontok bármelyike szerinti tasak, ahol az első és második rögzítőszalag (5, 6) rögzítőrendszere bepattintható csatlakozáshoz tépőzárú rögzítőszalagokat tartalmaz.

10. Az előző igénypontok bármelyike szerinti tasak, ahol a kivezető rész (4) lényegében párhuzamos kerületi hegesztési részeket tartalmaz egy előre meghatározott távolságban, ami meghatározza a kivezető rész (4) szélességét.

11. Az előző igénypontok bármelyike szerinti tasak, ahol a kivezető rész (4) feletti kerületi hegesztés (7) tartalmaz továbbá befelé terjedő hegesztési részeket (8) a tasak mindegyik oldalán, ahol a két szemközt elhelyezkedő, befelé terjedő hegesztési rész (8) közötti távolság a kivezető rész (4) szélességével megegyezik vagy annál kisebb.

12. Az előző igénypontok bármelyike szerinti tasak, ahol mindegyik főlán olyan első és második átlós tag (10, 11) van, amely a külső kerület mentén keresztirányban terjed ki.

13. Az előző igénypontok bármelyike szerinti tasak, ahol az átlós tagok (10, 11) egymással szemközt helyezkednek el a külső kerület mentén.

14. Az előző igénypontok bármelyike szerinti tasak, ahol az átlós tagok (10, 11) egymáshoz képest úgy vannak eltolva, hogy az első átlós tag (10) a kerület mentén van elrendezve és a második átlós tag (11) az első átlós taggal (10) szomszédosan oly módon van elrendezve, hogy az első átlós tag egy, a második átlós tag (11) tetején lévő helyzetbe hajtható.