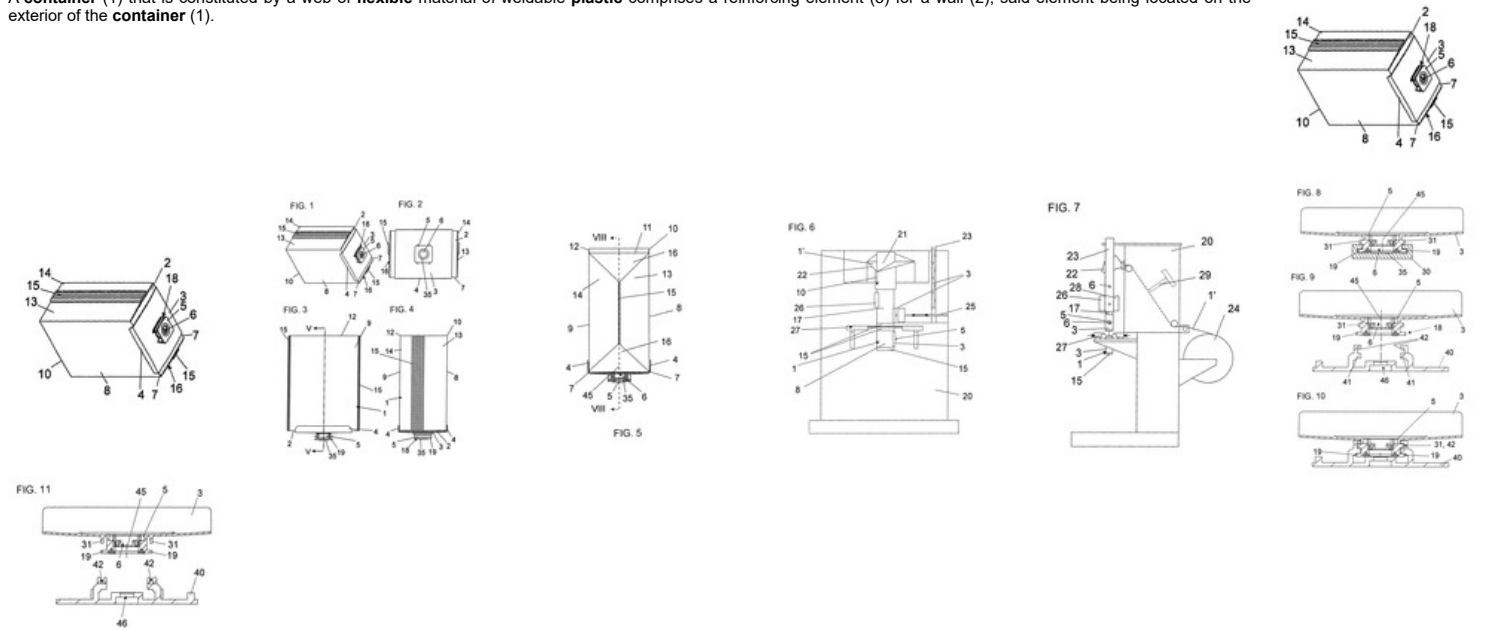


175 results for ((container or recipient or bag)/CLMS/TI/AB/IW/TX AND (flexible)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (plastic)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (strip+)/TI/AB/IW/CLMS/DESC/ODES/OBJ/ADB/ICLM/KEYW/TX AND (reinforce+)/TI/AB/IW/OBJ/ADB/ICLM) AND ((B65D-075)/IPC OR (B65D-037)/IPC) AND PD <= 2014-05-05 - Collection: FAMPAT

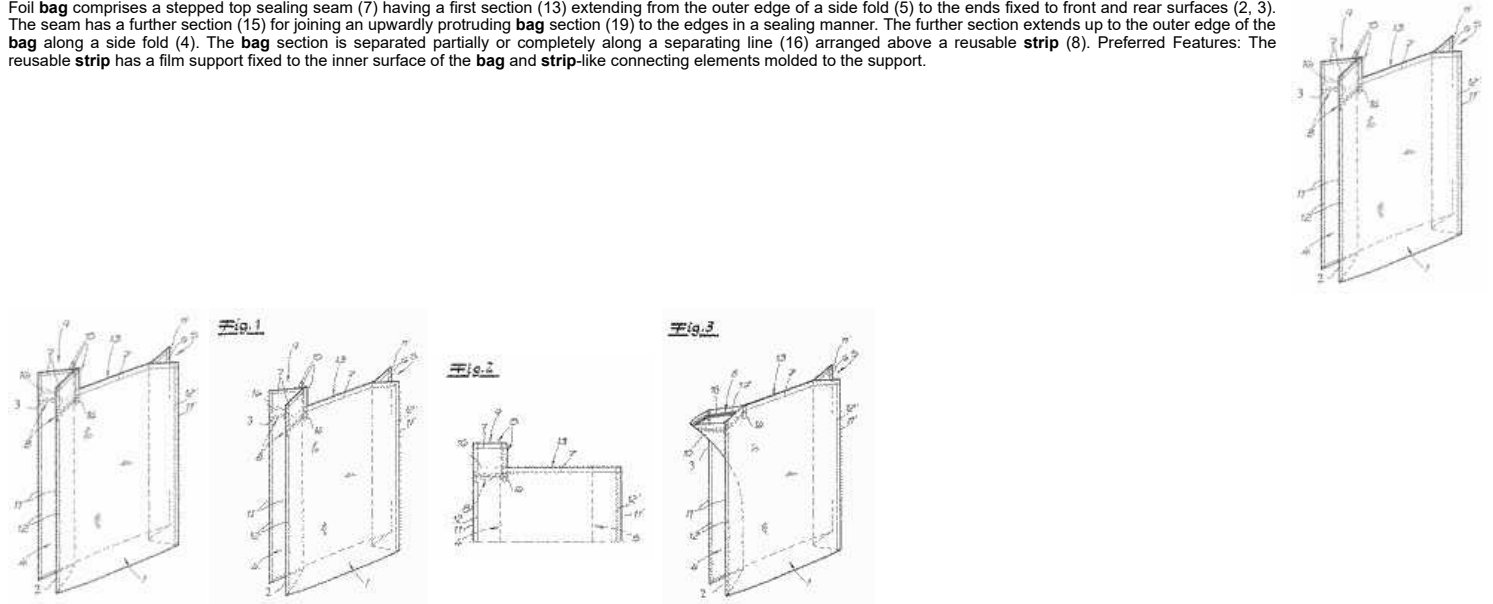
#	Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.	Dispensing system	EP1950148	2007-01-23	HANS GEORG HAGLEITNER*	2008-07-30	2008-07-30

A **container** (1) that is constituted by a web of **flexible** material of weldable **plastic** comprises a reinforcing element (3) for a wall (2), said element being located on the exterior of the **container** (1).

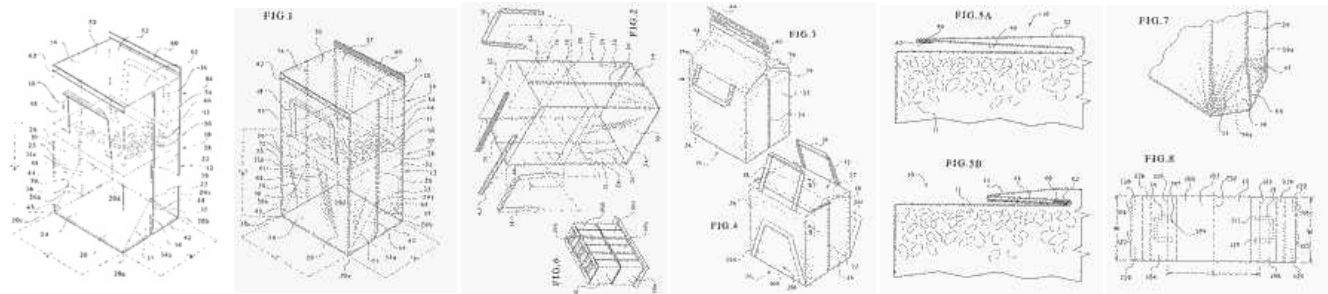
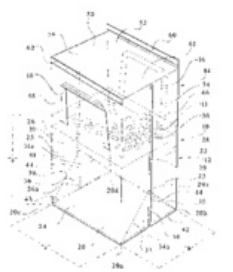


2.	Plastic film bag	DE102006029893	2006-06-28	NORDENIA D HALLE NORDENIA DEUTSCHLAND HALLE* NORDENIA DEUTSCHLAND HALLE WERK STEINFELD*	2007-07-26	2007-07-26
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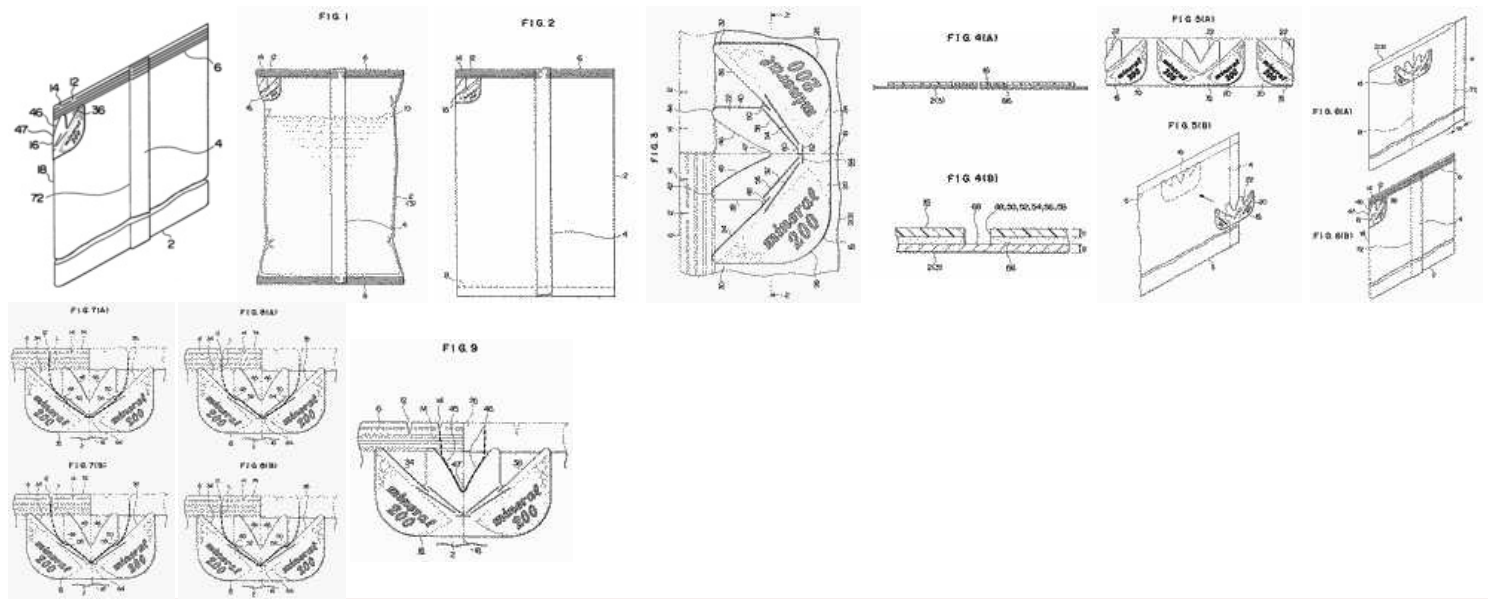
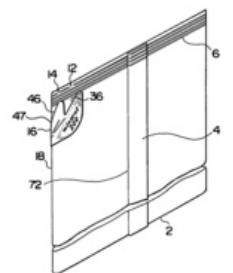
Foil **bag** comprises a stepped top sealing seam (7) having a first section (13) extending from the outer edge of a side fold (5) to the ends fixed to front and rear surfaces (2, 3). The seam has a further section (15) for joining an upwardly protruding **bag** section (19) to the edges in a sealing manner. The further section extends up to the outer edge of the **bag** along a side fold (4). The **bag** section is separated partially or completely along a separating line (16) arranged above a reusable **strip** (8). Preferred Features: The reusable **strip** has a film support fixed to the inner surface of the **bag** and **strip**-like connecting elements molded to the support.



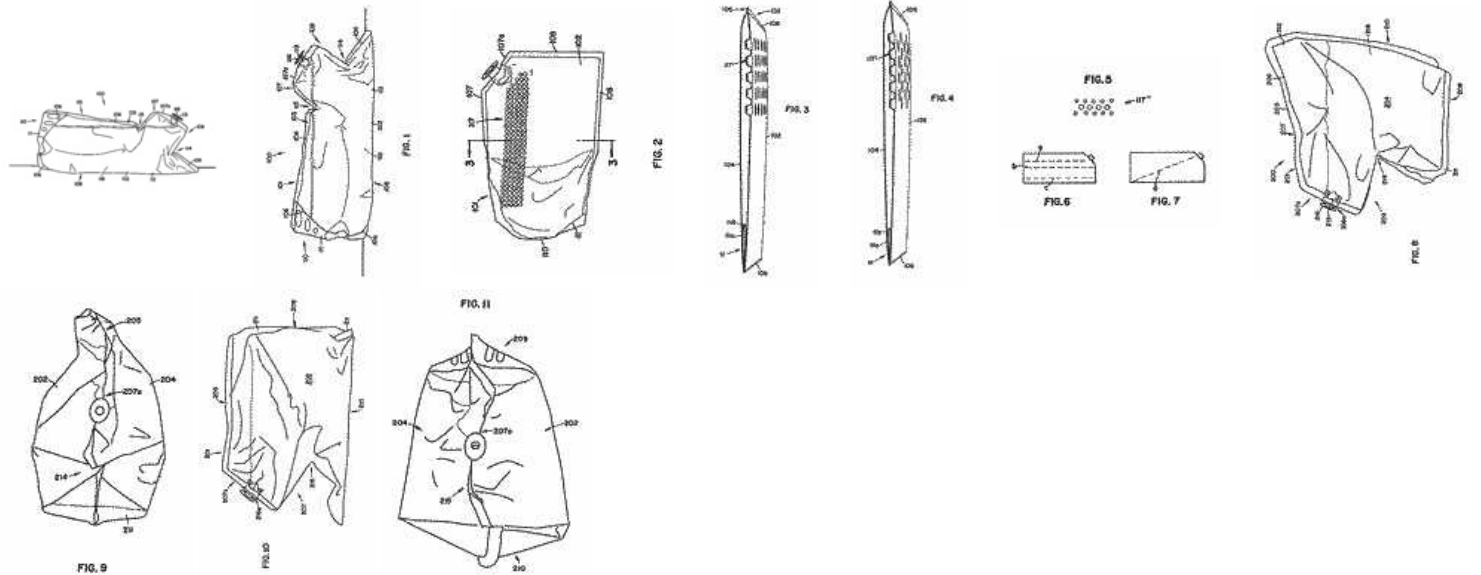
A **flexible container** (10) has a base that includes a bottom (20), side walls (22,24,26,28) and an interior (30), the bottom defining a substantially flat planar surface when the **container** houses product and the **container** rests thereon, an upper panel portion (14), that is adapted to be received within the interior of the base portion and includes side panels that define a closure member (60,62). The upper panel is constructed and arranged to define a substantially flat surface (72) when the closure member is closed and portions of the upper panel are folded over. The upper panel includes a portion that is sealed to the base portion. A pair of handles (16,18) may be secured to the base portion. The flat top and flat bottom allow for vertical stacking of the filled containers. The **container** may be manufactured from a flat sheet of **plastic** material having a width substantially equal to a length of the base portion, by indexing the flat sheet in intervals equal to a width or more of the base portion; bonding handles at one end to the sheet; applying closure means to a free end of each of the pair of panels; and forming the flat sheet, panels and pair of handles into the **flexible container**. <IMAGE>



There are provided a **flexible container** capable of realizing facilitation of opening and uniformization of the shape of an opening that is obtained by opening, a method of forming the **flexible container**, a seal-breaking guide of the **flexible container**, a method of enclosing a liquid in the **flexible container**, and the liquid enclosed in the **flexible container**. The invention relates to the **flexible container** which is openable by tearing, the method of forming the **flexible container**, the seal-breaking guide of the **flexible container**, the method of enclosing a liquid in the **flexible container**, and the liquid enclosed in the **flexible container**, and has seal parts (a center seal part 4, a top seal part 6, a bottom seal part 8) for sealing a holding part (2) formed of a **flexible material** (3), cuts (12, 14) formed in the seal parts and a seal-breaking guide of the **flexible container** (16) formed in the seal parts for giving guidance for a direction of tearing of the holding part which is openable by tearing, thereby realizing facilitation of opening and uniformization of the shape of an opening that is obtained by opening. <IMAGE>

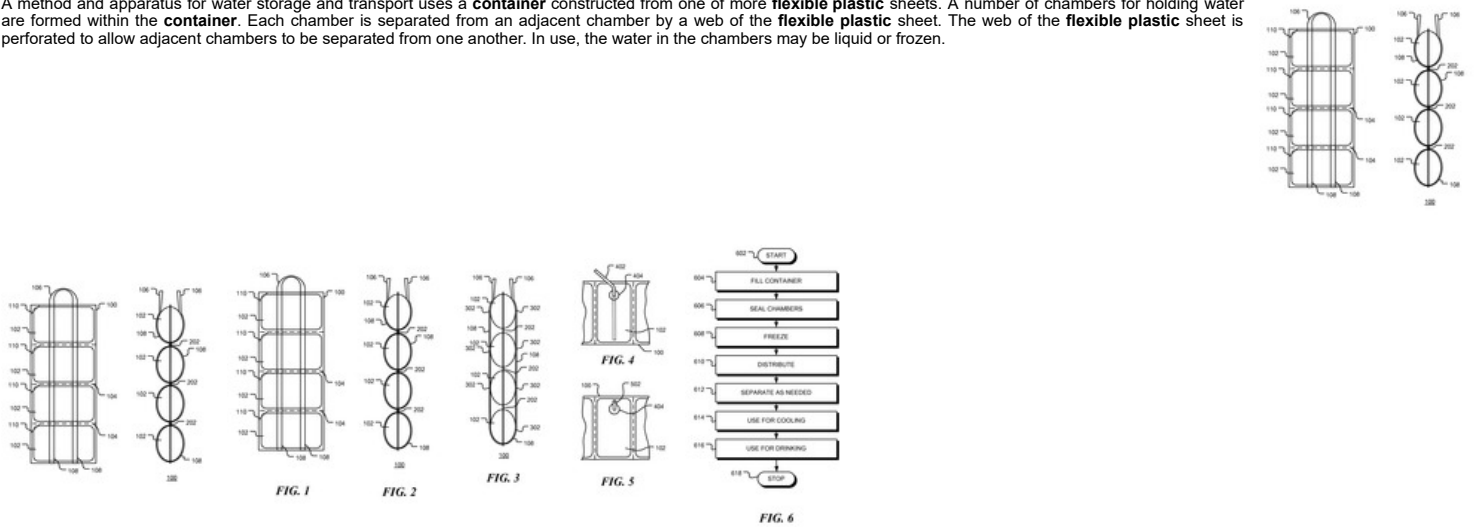


An upright product outlet **bag** evacuation packaging (100, 200) includes a **flexible**, collapsible **bag** (101, 201) and a spout (116, 216) that contains and dispenses a liquid (118, 218). The **bag** (101, 201) includes a first wall (102, 202) and a second wall (104, 204) that are operatively connected by a seam (106, 206). When the **bag** (101, 201) is filled with liquid (118, 218), the first wall (102, 202) and the second wall (104, 204) are pushed away from one another thereby pulling a first side (109, 209) inward and causing an indentation (114, 214) to form. The indentation (114, 214) hinders flush contact between the first wall (102, 202) and the second wall (104, 204) as the **bag** (101, 201) progressively collapses as the liquid (118, 218) is dispensed. A housing (300, 400) for use with a dispenser may be used to create and **reinforce** the indentation (114, 214). The housing (300, 400) includes a cavity (303, 403) configured and arranged to receive the **bag** (101, 201). A door (302, 402) is operatively connected to the housing and includes a bar member (304, 404) which extends into the cavity (303, 304). The bar member (304, 404) contacts the **bag** (101, 201) with the cavity (303, 304) to create and **reinforce** the indentation (114, 214).

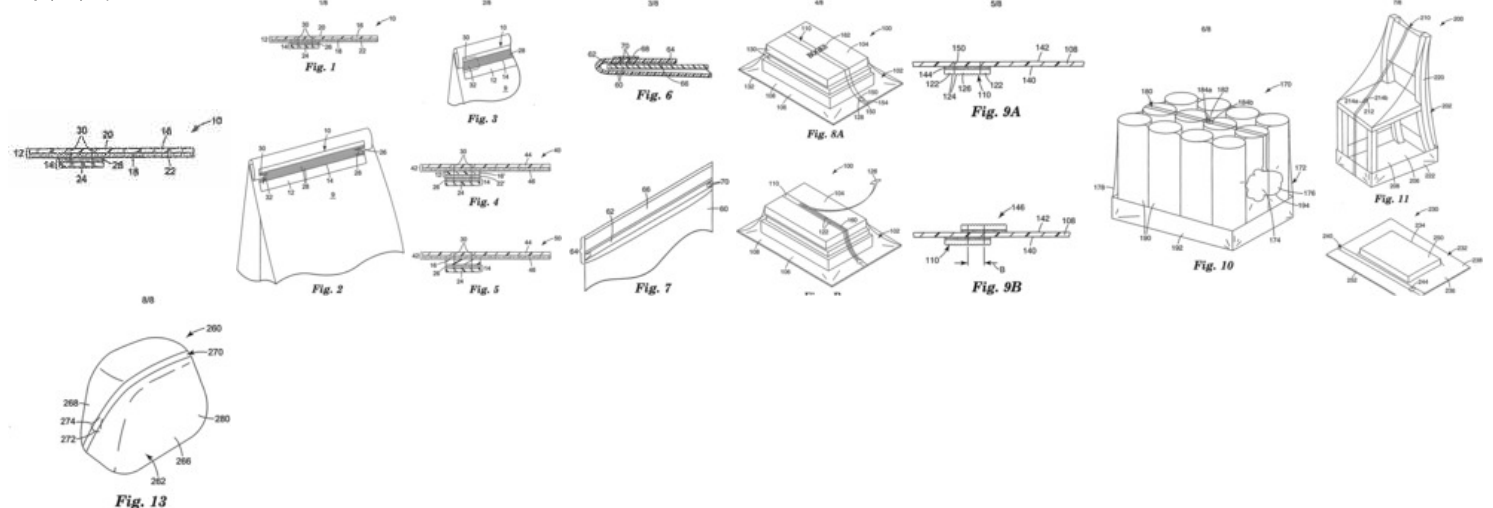


6.	Method and apparatus for water storage and transport	US2010254633	2009-04-01	ANDOCHICK SCOTT E	2010-10-07	2010-10-07
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A method and apparatus for water storage and transport uses a **container** constructed from one of more **flexible plastic** sheets. A number of chambers for holding water are formed within the **container**. Each chamber is separated from an adjacent chamber by a web of the **flexible plastic** sheet. The web of the **flexible plastic** sheet is perforated to allow adjacent chambers to be separated from one another. In use, the water in the chambers may be liquid or frozen.

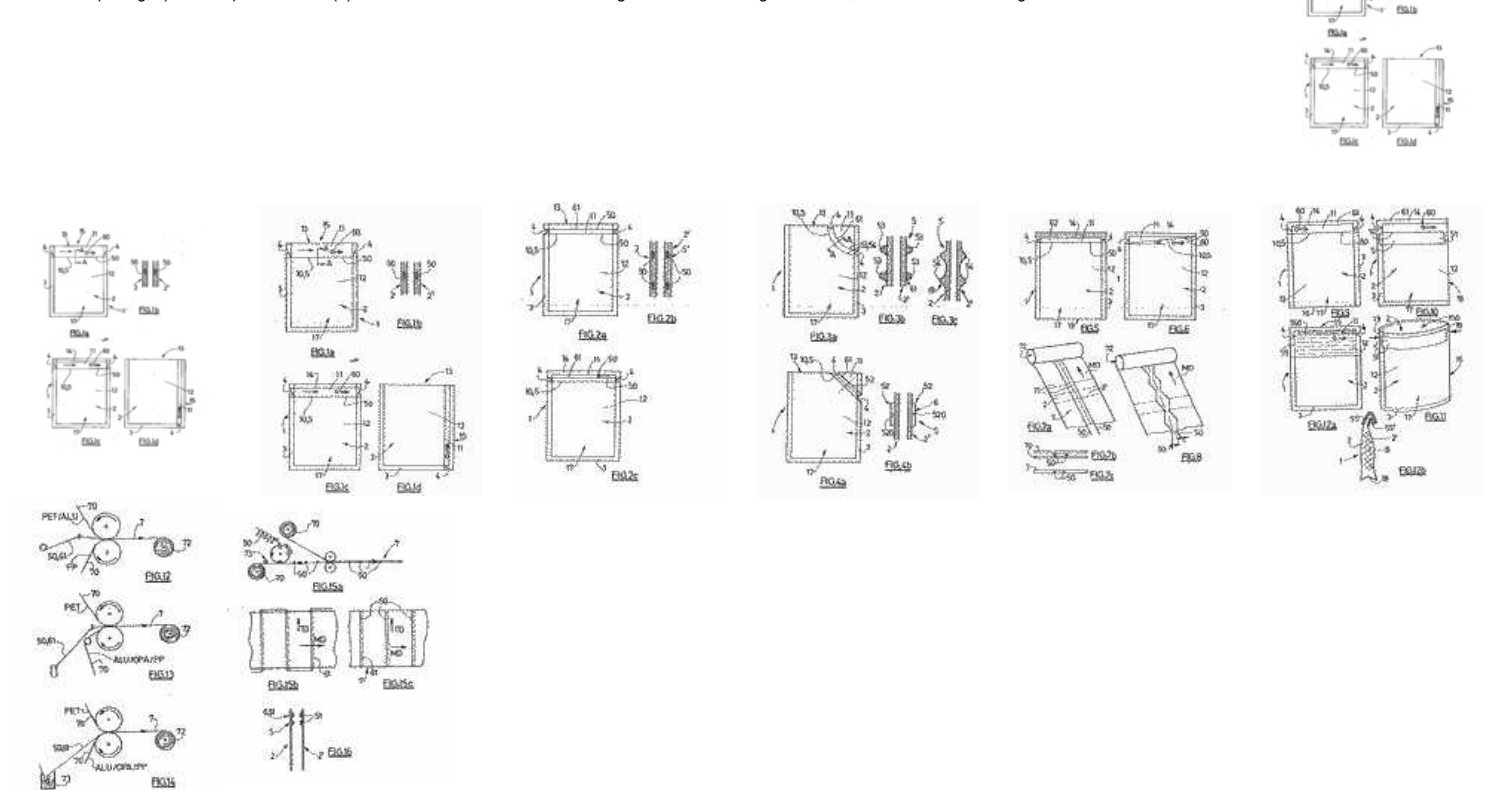


Plastic film packaging (102) for containing an article (104). The packaging (102) includes a continuous, tear-resistant film (108) and a tearable tape **strip** (110). The film (108) is formable to define an enclosed region (106) for containing an article (104). The tearable tape **strip** is secured to the film (108). In this regard, the tearable tape **strip** (110) is configured to controllably tear a opening through the film (108) for accessing the enclosed region (106) upon tearing of the tearable tape **strip** (110). By providing a continuous, tear-resistant film (108), the packaging (102) is available to safely contain a wide variety of different articles (104), while withstanding the rigors of most shipping a handling environments. Further, the tearable tape **strip** (110) allows an end user to easily open the packaging (102). In one preferred embodiment, a single tearable tape **strip** (110) is provided and is formed as an internally tearable, **reinforced** strapping tape adhered to an inner surface of the film (108).



8. **Package, such as a bag, with oriented tear-opening** FR2832698 2001-11-28 **ALCAN PACKAGING FOOD* SOPLARIL** 2003-05-30 2003-05-30

The invention concerns a package forming a **container** (1) comprising two side walls (2, 2'), a base (17) and a top opening (13), said **container** (1) being made from a hand tearable material, and comprising an incipient tear tab (4) for first opening of said package once it is filled and sealed. The invention is characterized in that: a) each side wall (2, 2') comprises at least a first stiffening element (5, 50, 51, 52, 53, 54) locally reinforcing said material (7), said stiffening element being selected such that the propagation energy of said incipient tear tab is lower than the rupture energy of said stiffening element; b) each side wall (2, 2') comprises means for guiding (6, 60, 61) said incipient tear tab on first opening; c) said incipient tear tab (4) is located between said first stiffening element and said guide means, so that the tear tab is guided.

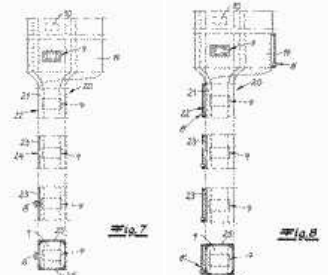
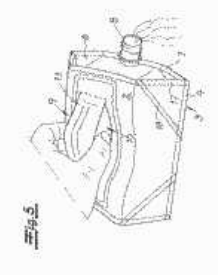
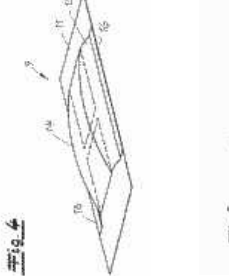
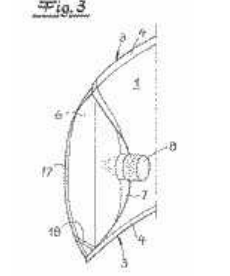
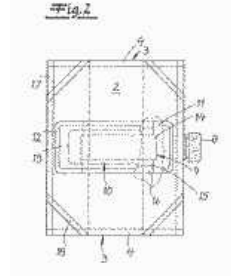
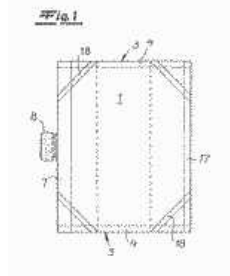
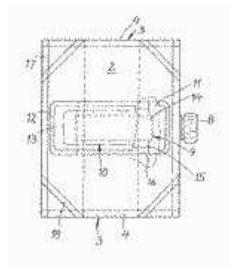
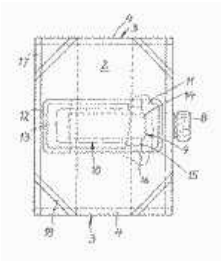


9. **Plastic film - for bags with bonded reinforcement strip with localised weak line** NL7105279 1971-04-20 1972-10-24 1972-10-24

Plastic film is provided with a **flexible reinforcement** which extends partly or wholly over the film, is bonded to the films and has a strongly localised weak line. Used for prodn of containers such as bags of the heat sealed type for packaging foods and fertiliser. The **reinforcement** provides a weak line extending in the direction for easily opening the **bag** by tearing.

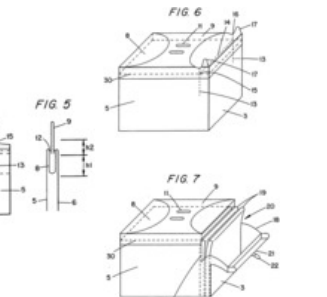
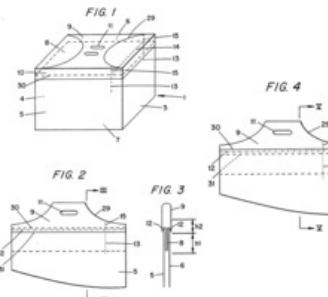
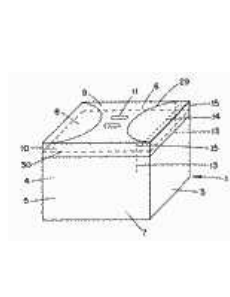
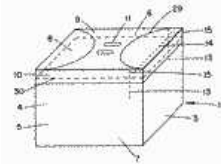
10.	Stand bag made of a heat sealable plastic film and method for its manufacture	CA2715240	2009-09-25	MONDI HALLE NORDENIA D HALLE NORDENIA DEUTSCHLAND HALLE* NORDENIA DOJCHLAND KHALLE	2011-03-25 2011-03-25
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The bag has a front wall and a rear wall (2) that are connected at longitudinal edges (3) by sealing seams (4). The front wall and an inwardly folded foil cover (6) are connected by transverse seal seams (7). A closure unit (8) e.g. pouring element, is arranged in a connection region between the front wall and the foil cover. The closure unit is connected with adjacent surfaces of the foil cover and the front wall in a liquid-tight manner. A foil carrying handle (9) is fastened at the rear wall and/or at an inwardly folded foil base, where the bag is made of heat sealable plastic film. An independent claim is also included for a method for manufacturing a stand up bag.

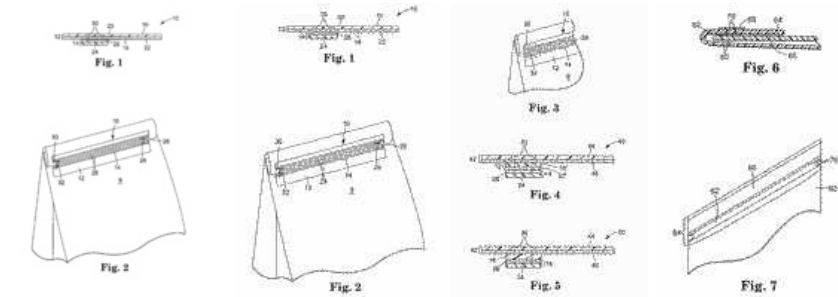
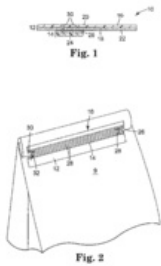


11.	Opening device for flexible bags for packaging compressible products.	FR2675118	1991-04-11	PEAUDOUCE*	1992-10-16 1992-10-16
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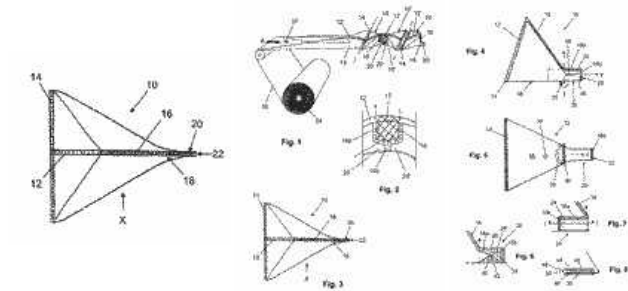
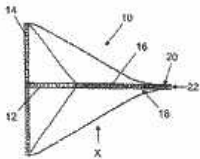
A substantially parallelepiped bag (1) including two front walls (5, 6), two side walls (3, 4), a bottom wall (7) and a top wall (8) is provided for packaging compressible products arranged vertically in at least one horizontal stack. Said bag is provided with an opening device consisting of a weakening line which forms a discontinuous outline and comprises a first pair of vertical perforated lines (13) in each front wall (5, 6), a second pair of perforated lines (15) extending from the first and provided essentially in the base portion (10) of the integral handle (9), and a third perforated line (14) in the top wall (8). The device is particularly useful for nappies.



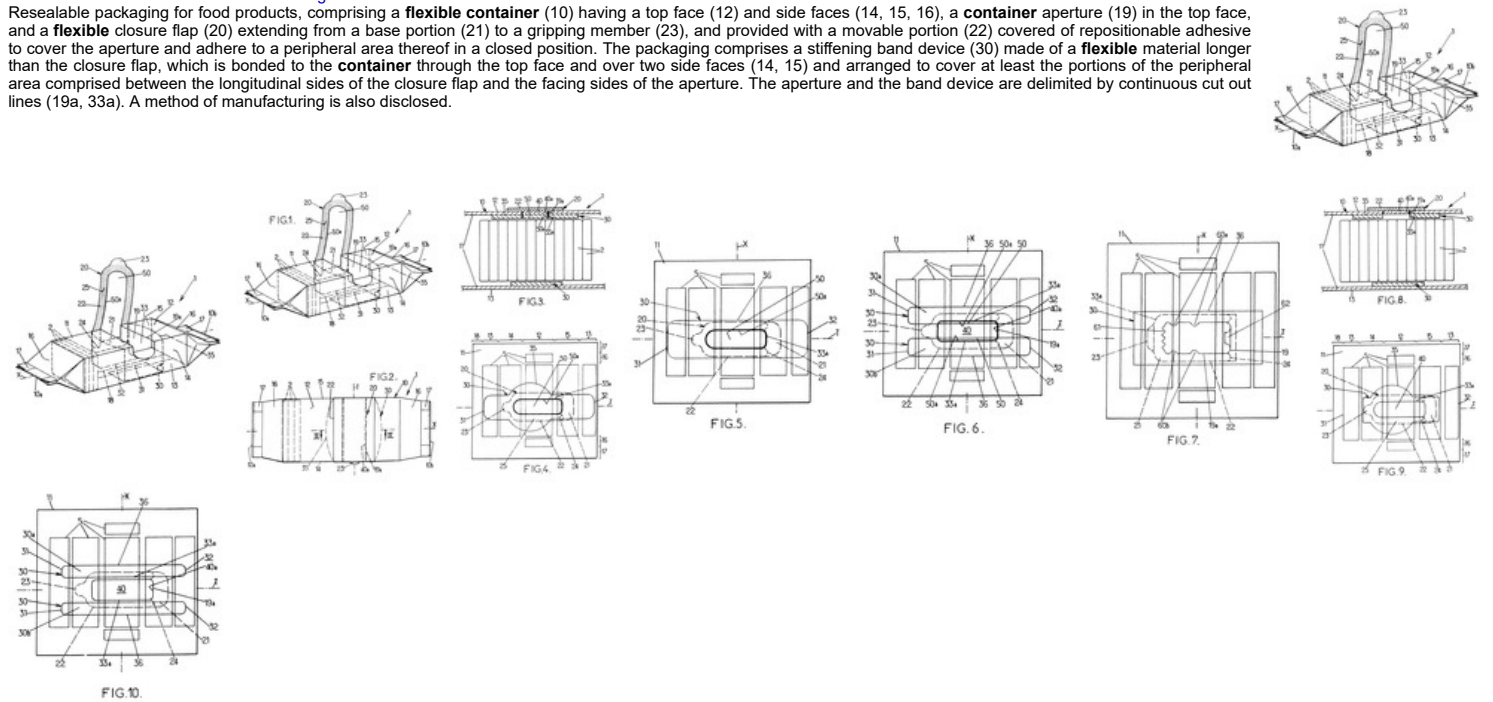
A tape (10) for use in closing a **container** (9) having opposing ends includes a base layer (12) and a tearable tape **strip** (14). The base layer includes a tear resistant backing (16) having a first side (18) and a second side (20), and an adhesive (22) coated on at least part of the first side of the backing. The tearable tape **strip** is located on the first side of the backing and has a first side and a second side. The tearable tape **strip** permits tearing of itself and the tear resistant backing with a given force notwithstanding that the tear resistant backing is otherwise not cleanly tearable. The tearable tape **strip** tears through the base layer when the tape is removed from the **container**. The tape can include a tab (32) at one of the ends of the tape. The tab is formed by nicks (30) extending from at least one of the ends of the tape and is located at least partially through the tearable tape **strip** which facilitate beginning tears. The invention is also a **container** including the tape and a **container** having means for adhering its flap (64) to the **container** to close the **container** and a tearable tape **strip** on the flap.



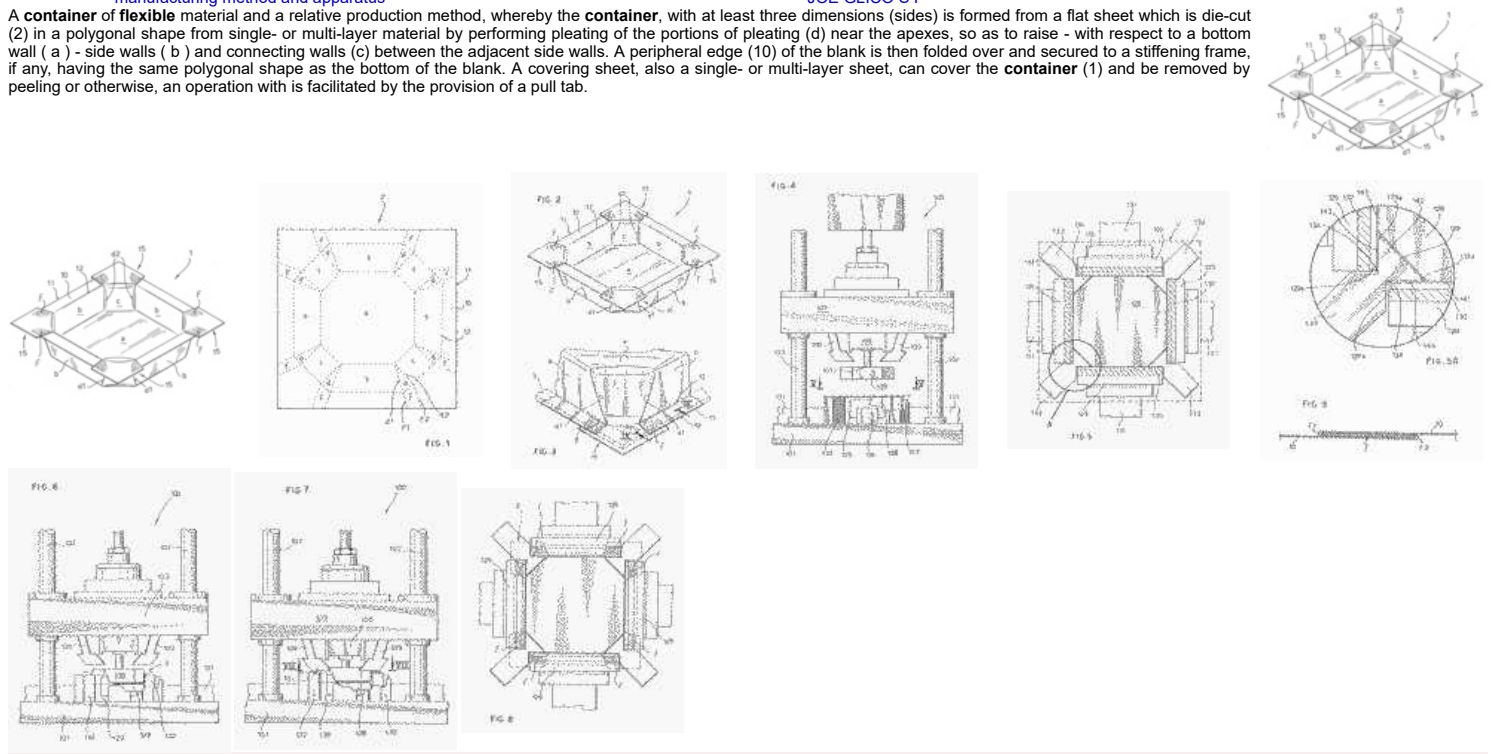
The invention relates to a tetrahedron-shaped packaging **bag** (10) made of a **flexible** film material and comprising in the region of a tetrahedron corner (18) of the **bag** (10), a pouring part (20) which protrudes from the **bag** in an essentially tubular manner and which is closed on the free end (22) thereof. The opening cross-section in the region of the transition between the **bag** (10) and the pouring part (20) is stabilised by a **reinforcement** (30) in the film material of the **bag** (10), said **reinforcement** extending in a manner transversal to the pouring direction (y) opposite the tetrahedron corner (18).



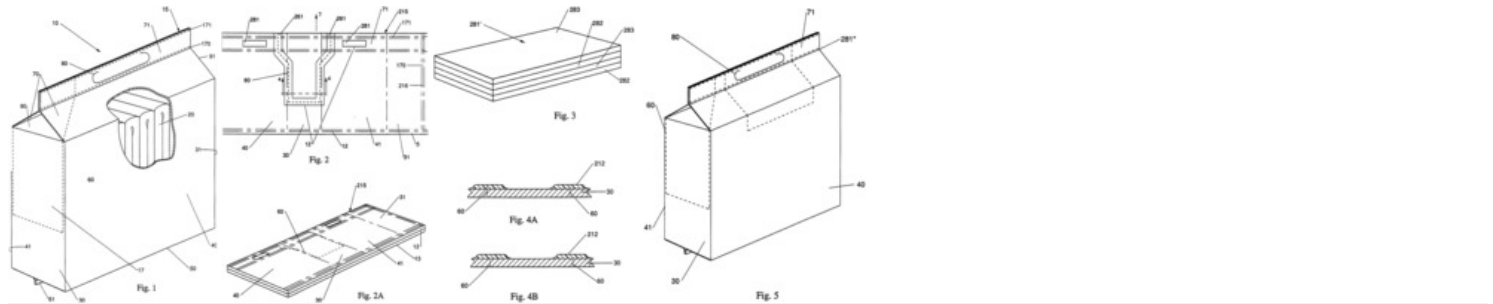
Resealable packaging for food products, comprising a **flexible container** (10) having a top face (12) and side faces (14, 15, 16), a **container aperture** (19) in the top face, and a **flexible** closure flap (20) extending from a base portion (21) to a gripping member (23), and provided with a movable portion (22) covered of repositionable adhesive to cover the aperture and adhere to a peripheral area thereof in a closed position. The packaging comprises a stiffening band device (30) made of a **flexible** material longer than the closure flap, which is bonded to the **container** through the top face and over two side faces (14, 15) and arranged to cover at least the portions of the peripheral area comprised between the longitudinal sides of the closure flap and the facing sides of the aperture. The aperture and the band device are delimited by continuous cut out lines (19a, 33a). A method of manufacturing is also disclosed.



A **container** of **flexible** material and a relative production method, whereby the **container**, with at least three dimensions (sides) is formed from a flat sheet which is die-cut (2) in a polygonal shape from single- or multi-layer material by performing pleating of the portions of pleating (d) near the apexes, so as to raise - with respect to a bottom wall (a) - side walls (b) and connecting walls (c) between the adjacent side walls. A peripheral edge (10) of the blank is then folded over and secured to a stiffening frame, if any, having the same polygonal shape as the bottom of the blank. A covering sheet, also a single- or multi-layer sheet, can cover the **container** (1) and be removed by peeling or otherwise, an operation with is facilitated by the provision of a pull tab.

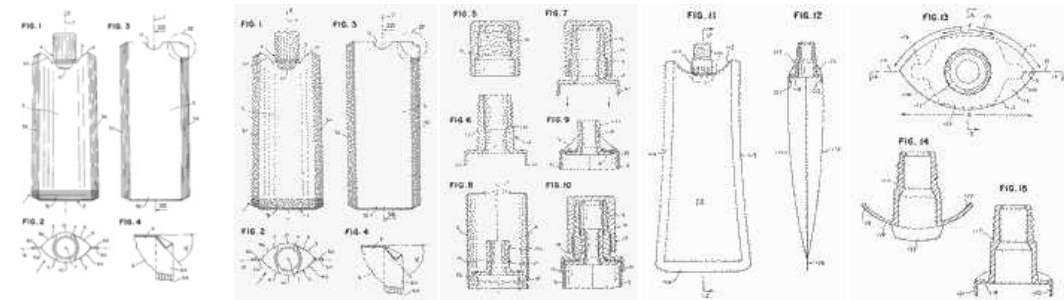
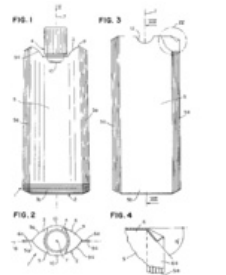


A more environmentally compatible package (10) containing one or more stacks of compressed **flexible** articles (20). For products such as single use absorbent baby diapers, catamenial pads, incontinent briefs and the like, the degree of compression within the **bag** may be as much as 50 % or more when compared to the uncompressed thickness of the articles. In a particularly preferred embodiment, the **bag** totally encloses a stack of compressed **flexible** articles and exhibits a substantially rectilinear shape. The **bag** preferably includes an integral carrying device (71). The side panels (30 and 31) and the front and back panels (40, 41) of the **bag** are subject to tension imposed by the stack of compressed **flexible** articles. A line of weakness at least partially spanning a tensioned side panel of the **bag** is provided and functions as an opening device. The line of weakness is coated with a layer of reinforcing material preferably comprised of polyvinyl alcohol to prevent premature rupturing of the opening device. The opening device (17) allows the compressive forces acting upon the **flexible** articles contained in the **bag** to be at least partially released when the opening feature is activated by the end user. Partial separation or complete removal of a portion of the tensioned side panel (17) of the **bag** allows the coinciding portion of the stack of compressed articles to project in a fan-like array through the aperture thus created to permit easy one-at-a-time or multiple removal. Polyvinyl alcohol of the type used to **reinforce** the opening feature may, if desired, also be used as a sealant for assembling the **bag** and to provide additional support for the carrying device.



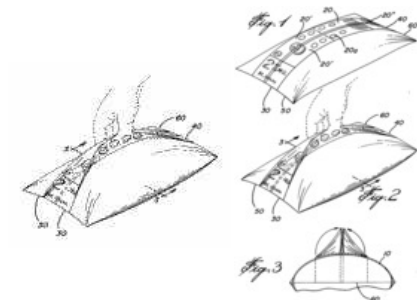
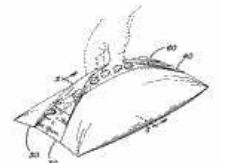
17. Bag tube and process for manufacturing it WO9840286 1998-03-10 H OBRIST* OBRIST 1998-09-17 1998-09-17

Plastic tube container for paste or viscous materials, made in sheet material, has an end wall (113) and two side walls (111, 112). The side walls are joined, forming outwardly projecting edge seams (114, 115). The shoulder section has an outlet (117) that can be closed. It also includes a curved flange (118) conforming with and connected to the end wall (113). The flange extends out towards a central zone of each side wall. It also extends out along the end wall, towards the edge seams. Also claimed is manufacture of the tube.

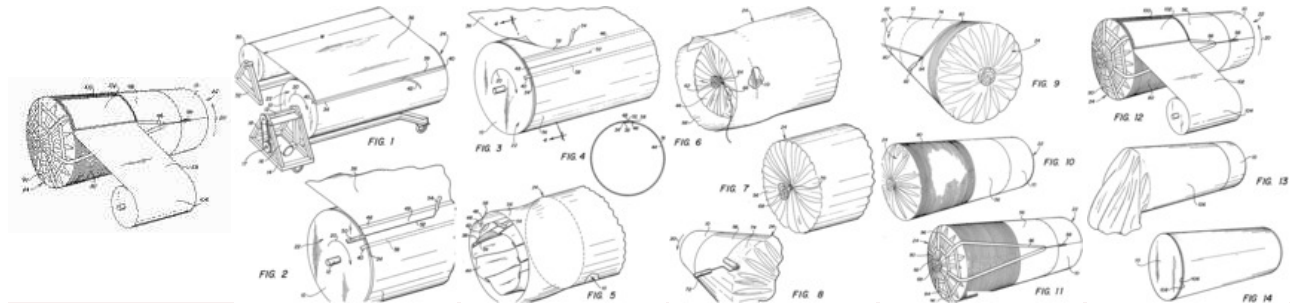
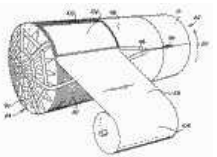


18. Pouch handle US4555804 1984-07-12 TWINPAK* 1985-11-26 1985-11-26

A **flexible container** including an elongated **strip-handle** having elongated outer edge portions, the **strip-handle** extending across a major outer surface of the **container**, the **strip-handle** being secured adjacent the ends thereof to the **container**, the improvement comprises, securing means located intermediate the ends of the **strip-handle** and located inboard of the elongated outer edge portions, fastening the **strip-handle** to the **container**, thereby providing additional securing of the **strip-handle** to the **container**, but still permitting the outer edge portions to remain unattached to the **container**. Also disclosed, is a method of securing an elongated **strip-handle** to a **flexible container**.



Disclosed is a receptacle for transporting, storing and dispensing flowable materials. The receptacle has an outer covering formed from a single sheet of material wrapped to form a cylinder with its edges attached together in an overlapping arrangement by double-sided adhesive tape. A polyester filament is positioned inside the outer protective cover in the form of a helix. The filament is adhesively attached between the interior of the outer cover and the exterior of an inner bag. A support sling is provided of polyester webbing material having an inner ring for supporting the bottom of the receptacle and a larger outer ring. Three loops of webbing material are attached to the inner and outer rings in a spaced circumferential arrangement. The loops are of sufficient length to extend up between the outer cover and interior bag and are adhesively attached therebetween. The inner bag has inner and outer walls formed from a single sheet of polyethylene material wrapped in a spiral with the edges of the sheet attached by double-sided adhesive tape to a dividing portion on the sheet material. The outer wall is attached by non-curing mastic material. The outer wall is attached by non-curing mastic material to the interior of the outer protective covering. The inner bag is closed at its upper and lower ends by removable wire ties and the lower end extends through the center of the smaller ring of the sling.



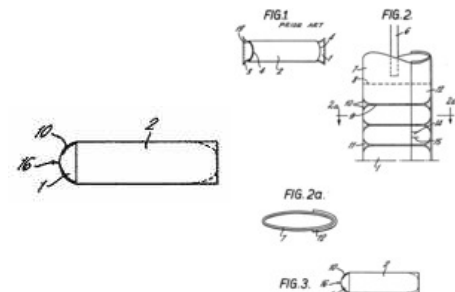
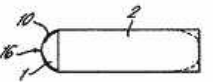
20. Packing container intended for pressurized contents BE823458

1973-12-17

RIGELLO PAK
SOBREFINA
SOBREFINA S A
TETRA PAK*

1975-04-16 1975-04-16

In a pressurized packing container having an inner tubular container of plastic material and an outer casing of non-elastic material, which tubular container, after being filled, is to be sealed off along two transverse seals spaced from one another, an improved sealing is realized by causing the transverse seals to have a curved or angled contour at at least one of their end points.



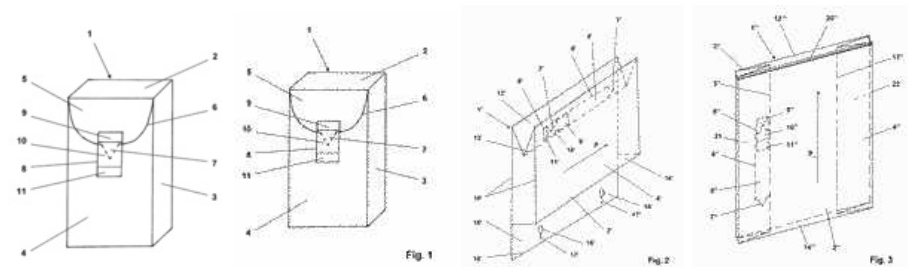
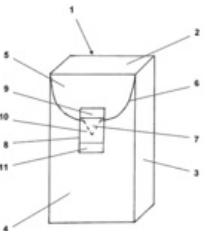
21. Packaging bag WO2009124616

2008-04-09

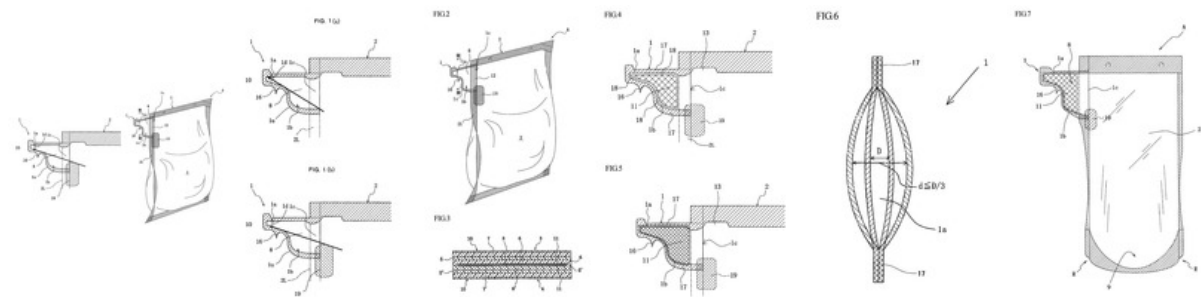
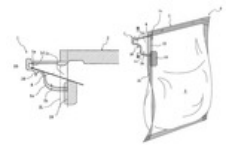
LEMO MASCHB
LEMO MASCHINENBAU*

2009-10-15 2009-10-15

The invention illustrates and describes a packaging bag, particularly a foil packaging for hygiene products, comprising a packaging body (1, 1', 1''), in which a tab (5, 5', 5'') is defined by a perforation (6, 6', 6''), and an adhesive strip (8, 8', 8''), which is fixed to the tab (5, 5', 5'') and a region of the packaging body (1, 1', 1'') adjoining thereon and extends across the perforation (6, 6', 6'') such that the tab (5, 5', 5'') can be separated from the region of the packaging body (1, 1', 1'') adjoining the tab (5, 5', 5'') by pulling off the adhesive strip (8, 8', 8'') in order to form a removal opening, wherein the tab (5, 5', 5'') at the edge region thereof provided with the adhesive strip (8, 8', 8'') has a tearing aid (7, 7', 7'') protruding into the adjoining region of the packaging body (1, 1', 1''), said aid being located substantially beneath the adhesive strip (8, 8', 8'').



[Task] It is to provide a **flexible package bag** equipped with a film-shape non-return nozzle wherein a pouring amount of a liquid packed material can be stabilized by rectifying a pouring flow of the liquid packed material and also the liquid packed material can be poured smoothly even if the amount of the liquid packed material in the **bag** is small, and further the pouring performance and breaking resistance of the **bag** can be improved by reinforcing the film-shaped non-return nozzle. [Solution for task] A **flexible package bag** formed by fusion-joining a base end portion of a film-shaped non-return nozzle having an outer non-return function of preventing penetration of ambient air into the **bag** to inner surfaces of a side portion of a main package **bag** body composed of **plastic** laminate films and projecting therefrom, characterized in that a seal section for rectification/**reinforcement** formed by fusing two opposed **plastic** laminate films is disposed at a position near to the main package **bag** body including a lower portion of a fused section to the base end portion of the film shaped non-return nozzle.



23. Package for dispensing sheet-like articles

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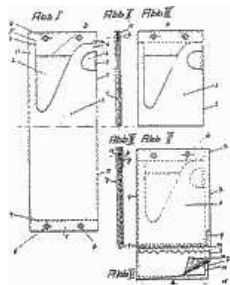
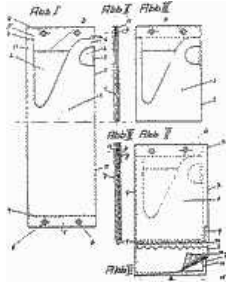
1987-08-21

HEISIG WILHELM 8122 PENZBERG*

1987-10-15 1987-10-15

one by one

The invention relates to a package for dispensing flat or sheet-like articles, preferably disposable aprons, one by one, which articles are extended at one end by a preferably continuous edge **strip** (5) which can be torn from the article along a perforated or otherwise weakened tearing line (4), are placed individually folded or unfolded in a stack (1) and connected to one another at the edge **strips** (5), the stack (1) being folded in such a way that the other ends (16, 17) of the articles lie near to said edge **strips** (5) and the package having suspension holes (6) and preferably a **reinforcement** (13), preferably made of cardboard or stiff paper, on which the edge **strips** (5) are mounted, the other end (16, 17) of each article being extended by a second edge **strip** (5') which is connected to the article in a tear-off manner, like the first one (5), the second edge **strips** (5') lying one above the other in the stack (1) together with the first edge **strips** (5) and, if appropriate, the **reinforcement** (13), arranged between the first and second edge **strips** (5, 5'), forming an attachment panel, and the suspension holes (6) being arranged in the attachment panel. <IMAGE>



24. Container for compressed tobacco

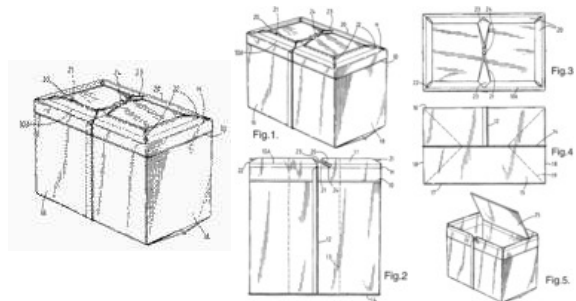
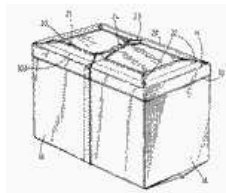
GB9314689

1993-07-15

GALLAHER*

1993-08-25 1993-08-25

A **container**, for a compressed block of tobacco, the **container** comprising a rectangular bottom, front, rear and two side walls (15, 16, 17, 18), of which at least the front, rear and side walls are formed of pliable, non-shape sustaining fabric, the front, rear and side walls each having along its upper edge a **strip** forming a flap (20) which is arranged to be folded inwards to provide a partial top wall, the flaps providing a tubular guide (11) containing at least one drawstring (21) which is exposed at notches (23, 22) part-way along each of the front and rear walls and at the corners of the partial top wall, whereby the drawstring(s) may be pulled up at at least one of the portions exposed in the front and rear wall notches to pull the flaps inwards, and means (24) for readily connecting the portions exposed in the front and rear wall notches to hold the drawstring(s) pulled up to a predetermined extent.



A flexible paper popcorn package in the form of an easily expandable, nontrapping bag (18) is disclosed including a bottom wall (20) and a top wall (22) interconnected together adjacent their circular outer peripheries (20a, 22a) by first and second interconnection portions (26a, 26b). In one preferred form, the top wall (22) is formed by first and second wall portions (22b, 22c) interconnected together by a peelable closure seal (28). In another preferred form, the top wall (22) is formed from a first portion (22d) having an access opening closed by a closure portion (22e) interconnected by a seal (40) including the peelable closure seal portion (40a) to the first portion (22d). In still another preferred form, the bottom and top walls (20, 22) are interconnected together by their interconnection to gusseted side panels (50, 52), with the peelable closure seal being formed in the interconnection between the bottom and top walls (20, 22). The bottom and top walls (20, 22) expand into an opposing double domed shape as the popcorn kernels are being popped in the microwave oven. This domed shape of the bottom wall (22) keeps the unpopped popcorn huddled closer together and enhances the bag (18) to rock to maximize gravimetric separation. The bag (18) provides a serving bowl function when the peelable closure seal has been opened providing access to the interior of the bag (18) and specifically to the popped popcorn located therein.

