

13 Documents

Publication numbers	Title	Current assignees
EP3403939 A1	Method, machine and devices for producing flexible 3d packaging, by means of folding a flap on itself	LOPEZ AROSTEGUI SAENZ GUILLERMO
FR2485486 A1	Double thickness corrugated cardboard container - has lid closed by flaps and opened by tear-out strip on three sides to form hinged lid	NICOLLET HUGUES
FR2169640 A5	Emballage pour liquides et marchandises similaires.	CHRISTENSSONS MASKINER & PATENTER 16130 STOCKHOLM
US3797726 A	Container for liquids with an openable pouring spout	ALTSTAEDTER VERPACK VERTRIEB
US3297227 A	Pouring spouts for containers	TETRA PAK
US3303077 A	Method and apparatus for manufacturing photographic products	POLAROID
GB-951232 A	Improvements in or relating to packs for use in the sale of merchandise	KLEINERT I B RUBBER
US3290856 A	Method of sealing containers with laminated closures	JAMES RIVER DELAWARE M, ...
EP2487027 A1	Method of manufacturing beverage container holders	INTEGRA LIFESCIENCES
US5784860 A	Sealed bag and container for accommodating electronic device, and method for facilitating storing and transporting electronic device using such sealed bag and container	SHARP
US3085734 A	Cartons	FOILS PACKAGING
EP1706268 A1	High speed digital printer unit	MEMJET TECHNOLOGY, ...
FR1410668 A	Package for the dispensing of a liquid	ROBERT SKARSTEDT AKTIEBOLAG

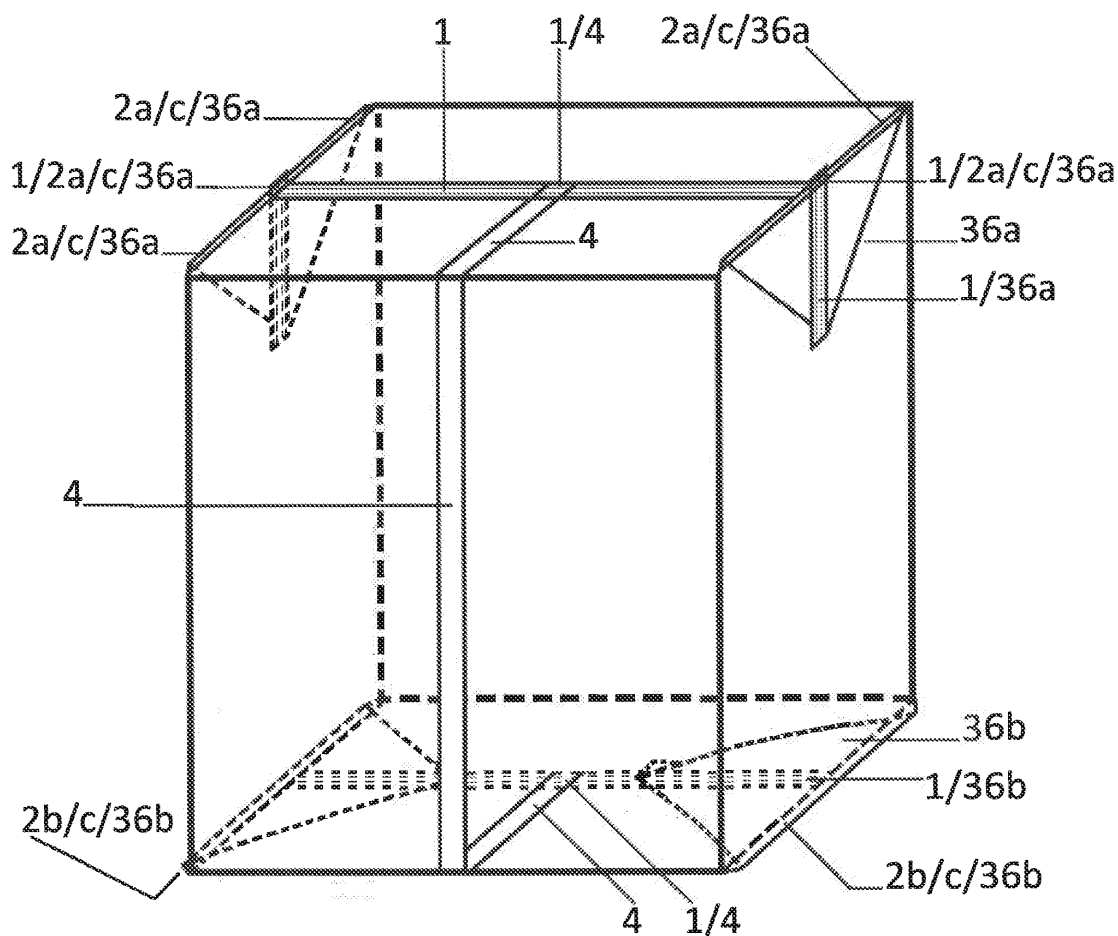
Family 1/13 - FAMPAT - ©Questel

Title

(EP3403939)

Method, machine and devices for producing flexible 3d packaging, by means of folding a flap on itself

Images



Publication data including kind & date

US20190161218	A1	2019-05-30	US20190161218
VN63011	A	2019-05-27	VN--63011
ZA201801467	B	2018-12-19	ZA201801467
EP3403939	A1	2018-11-21	EP3403939
BR112018002358	A2	2018-09-25	BR112018002358
IN201827008038	A	2018-08-10	IN201827008038
JP2018521922	A	2018-08-09	JP2018521922
CO2018002430	A2	2018-07-31	CO2018002430
CN108290643	A	2018-07-17	CN108290643
PH12018550010	A1	2018-07-09	PH12018550010
KR20180064376	A	2018-06-14	KR20180064376
BR112018002358	A1	2018-04-10	BR112018002358
AU2016303131	A1	2018-03-29	AU2016303131
IL257348	A	2018-03-29	IL-257348
WO2017/021570	A1	2017-02-09	WO201721570
CA2994618	A1	2017-02-09	CA2994618



Abstract

(EP3403939)

Procedures and devices to transform three dimensional flexible sealed containers of at least two faces or sides and which in their interior contain at least one fluid and, optionally or complementarily, solid or solids, granulates or powders, by **folding** at least once over **itself**, towards at least one direction: at least part of at least one **flap/triangular** shap (36) or strip (37) over at least part of another part of the same **flap/triangular** shape (36) or strip (37), alongside with also previously and/or posteriously there will be a seal of at least one part by at least one face or side of the **flap/triangular** body (36) or strip (37) generated and/or being this one **folded** at least once over **itself**. This system supposes improvements regarding the inalterability of the **container**, economic and ecological considerations by not having to **cut** the flaps or **triangular** shapes, keeping it intact, without fissures or tearings iin the initial **container** body, transformed in 3D. At the same time, the following advantages are important: -by guaranteeing the conservation and useful life of the **container** without porousness or leaks, from the moment of the 3D transformation until its later opening and consumption of the product contained within. -by not requiring any sort of adhesive or contact glue to attach or **fold** the **flap/triangular** shape (36) or strip (37). -by impeding that the Production Facility generates any defective **container** transformed in 3D. -by having the invention containers be more stable because the support face or side is wider and more consistent, having at least part of the **flap/triangular** shape (36) or strip (37) as a support surface in the base.

Inventors

LÓPEZ-ARÓSTEGUI SÁENZ GUILLERMO

Latest standardized assignees - inventors removed

LOPEZ AROSTEGUI SAENZ GUILLERMO

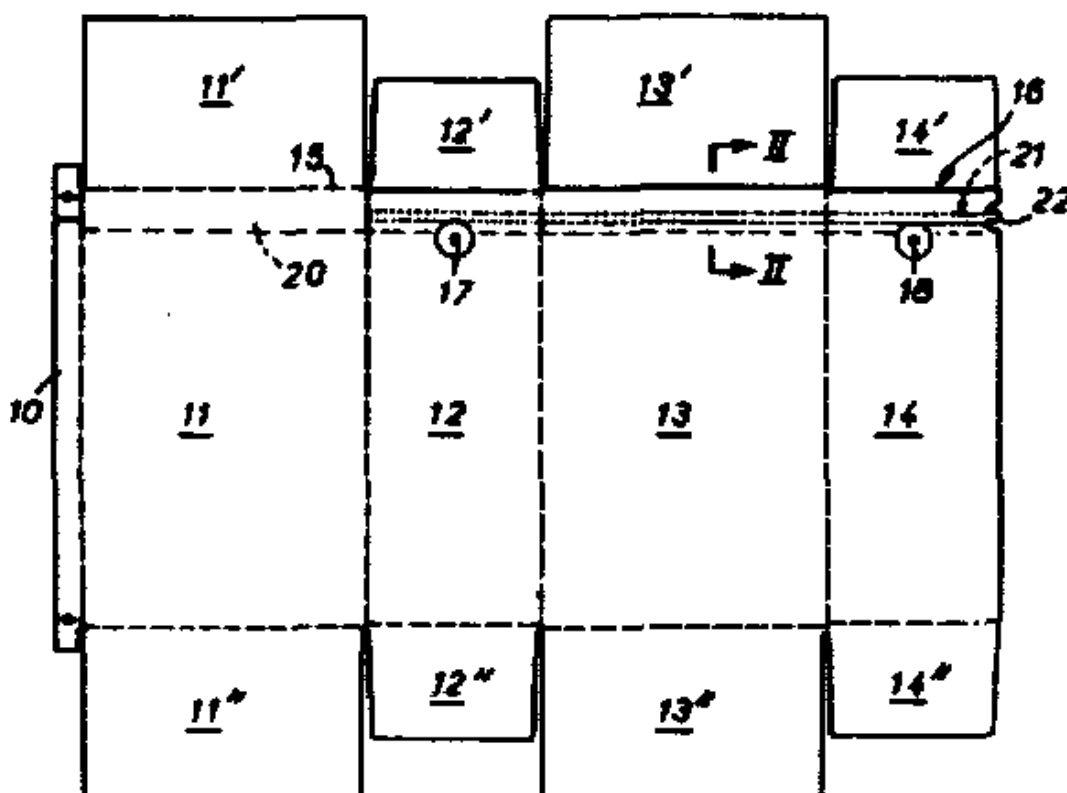
Family 2/13 - FAMPAT - ©Questel

Title

(FR2485486)

Double thickness corrugated **cardboard container** - has lid closed by flaps and opened by tear-out strip on three sides to form hinged lid

Images



Publication data including kind & date

FR2485486	B1	1985-04-26	FR2485486
FR2485486	A1	1981-12-31	FR2485486

**Abstract**

(FR2485486)

The **container** is rectangular in shape and is made from a double layer of corrugated **cardboard** and has a base integral with the sides. It is assembled by **folding** over extension flaps in the side and end walls of the **container** blank. The lid is similarly formed by **folding** inwards the end flaps (12',14') after the side **flap** (13') and closing the **container** with the opposite side **flap** (11'). The **container** may be opened by tearing out the strip (22) along the perforated lines (21) in order to form a lid hinged at the back edge. The carrying handle (19) is fixed to the ends.

Inventors

THOMAS MARC

Latest standardized assignees - inventors removed

NICOLLET HUGUES

Family 3/13 - FAMPAT - ©Questel

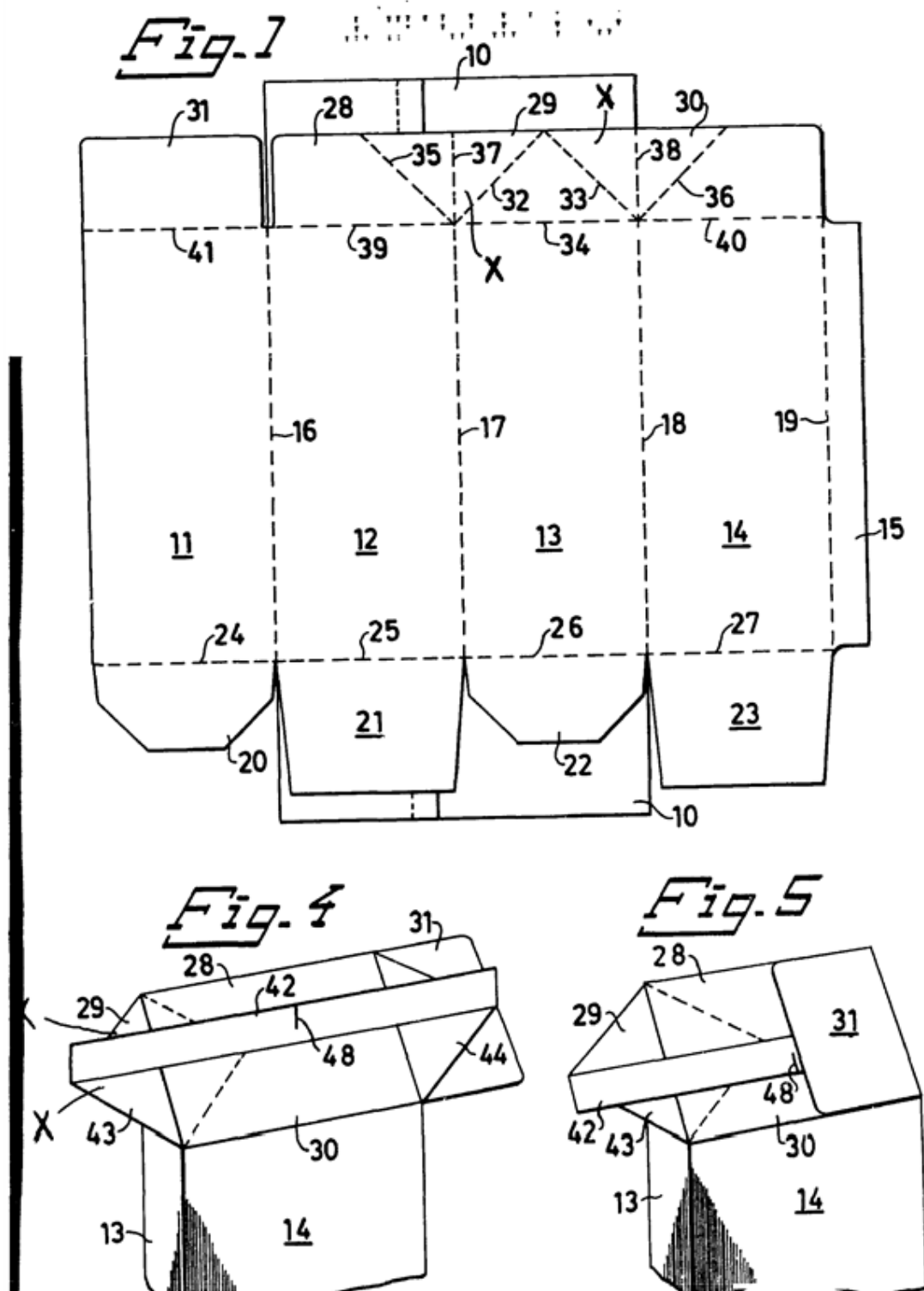
Title

(FR2169640)

Emballage pour liquides et marchandises similaires.

Images

Veröffentlichungstag: 11. Mai 1983



Publication data including kind & date

DE2302484	C2	1983-05-11	DE2302484
JP980366	C	1979-12-18	JP-980366
JPS5414549	B2	1979-06-07	JP79014549
FI51451	C	1977-01-10	FI--51451
FI51451	B	1976-09-30	FI--51451
GB1410113	A	1975-10-15	GB1410113
IT978362	B	1974-09-20	IT-978362
AU5119973	A	1974-07-18	AU7351199
JPS4912980	A	1974-02-04	JP49012980
SE363610	B	1974-01-28	SE-363610



CH544701	A	1973-11-30	CH-544701
FR2169640	A5	1973-09-07	FR2169640
DE2302484	A1	1973-08-02	DE2302484
NL7300940	A	1973-07-26	NL7300940



Abstract

(FR2169640)

1410113 Lined cartons; packaging CHRISTENSSONS MASKINER & PATENTER AB 12 Jan 1973 [24 Jan 1972] 1680/73 Headings B8P and B8C A carton erected from a blank and tubular lining, Fig. 1, and including an individual top closure flap 31 and three connected and creased top closure flaps 28-30, is closed at its top end by forming a fin seal 42 in the lining 10, folding the top closure flaps 28 and 30 inwardly to produce a slot in which the fin seal 42 is clamped, simultaneously folding the top closure flap 29 outwardly about crease 34 and on to itself along creases 32, 33 to enclose an ear which has been formed in the lining, folding the top closure flap 31 and an associated ear 44 of the lining on to the top closure flaps 28, 30 and folding the top closure flap 29 and the enclosed lining ear against side wall 13 or the top of the carton. The top closure flap 29 is held in position by a glued piece of paper (49, Fig. 6, not shown). The carton is opened by removing the piece of paper (49) and tearing-off the exposed portion of the fin seal; which latter operation is facilitated by a cut 48 in the fin seal. A pouring spout is produced, Fig. 7 (not shown), in the opened carton by inwardly pressing the upper regions of opposed side walls 12, 14 to cause bending about creases 32, 33, 35-38. The lining is adhered to the top closure flaps 28-30. The cardboard blank may be covered by polyethylene and the lining may be polyethylene coated aluminium foil.

(From GB1410113 A)

Inventors

CHRISTENSSON, OD WIKAR, STOCKHOLM, SE

Latest standardized assignees - inventors removed

CHRISTENSSONS MASKINER & PATENTER 16130 STOCKHOLM

Family 4/13 - FAMPAT - ©Questel

Title

(US3797726)

Container for liquids with an openable pouring spout

Images

FIG.1

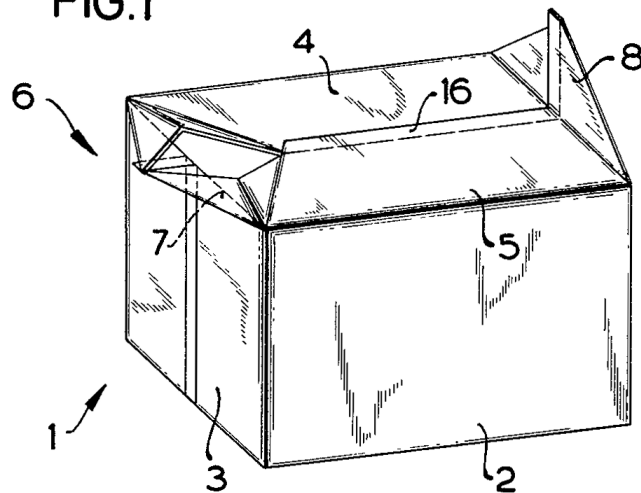


FIG.2a

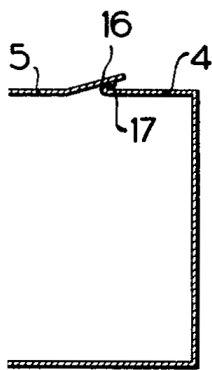


FIG.2b

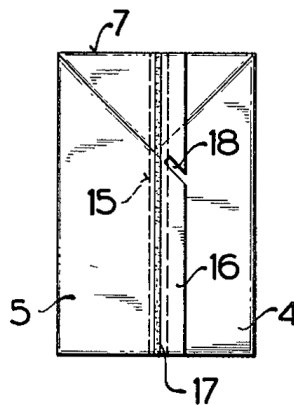


FIG.2c

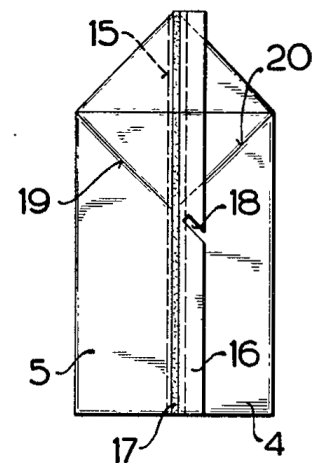


FIG.2d

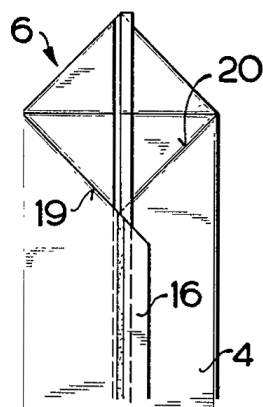


FIG.2e

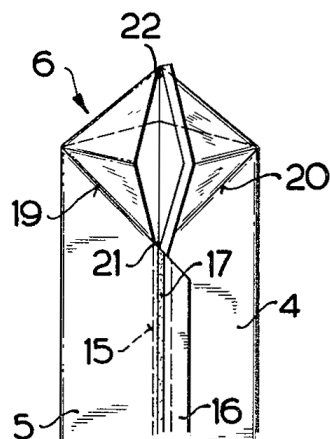
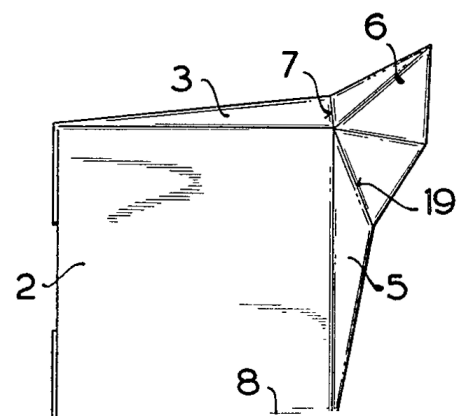


FIG.2f



Publication data including kind & date

NO136569	C	1977-09-28	NO-136569
NO136569	B	1977-06-20	NO-136569
DK133272	C	1976-09-20	DK-133272C
DK133272	B	1976-04-20	DK-133272
PL82923	B1	1975-10-31	PL--82923



AU464941	B2	1975-09-11	AU-464941				
AT323048	B	1975-06-25	AT-323048				
SU470106	A3	1975-05-05	SU-470106				
ES179701	Y	1974-10-01	ES-179701Y				
FR2121525	B1	1974-09-27	FR2121525				
CA952499	A	1974-08-06	CA-952499				
US3797726	A	1974-03-19	US3797726				
CH546184	A	1974-02-28	CH-546184				
SE361641	B	1973-11-12	SE-361641				
GB1336081	A	1973-11-07	GB1336081				
AU3700071	A	1973-06-21	AU7137000				
IT949371	B	1973-06-11	IT-949371				
ES179701	U	1973-01-01	ES-179701U				
FR2121525	A	1972-08-25	FR2121525				
FR2121525	A1	1972-08-25	FR2121525				
NL7200215	A	1972-07-13	NL7200215				
BE777676	A	1972-05-02	BE-777676				

Abstract

(US3797726)

In a **container** for liquids a sealed connecting edge strip is provided in the top of the **container** and the edge strip can be opened to form a pouring spout. The connecting edge strip is formed by a pair of edge strips sealed together along a connecting seam spaced inwardly from the free edges of the edge strips. To facilitate opening the spout, a **cut** is formed in the connecting edge strip from its free edge toward the connecting seam with the **cut** extending obliquely of the connecting seam. The **cut** can extend through one or both of the edge strips. In one embodiment a perforated line extends alongside the connecting seam in one of the edge strips on the opposite side of the connecting seam from the free edge of the edge strip. The pouring spout is openable along the perforated line by pulling up on the connecting strip from the location of the **cut** toward the end of the connecting strip which forms the end of the pouring spout. In a second embodiment the **cut** is formed through both of the edge strips and an additional perforated line is provided in the other edge strip commencing at the obliquely arranged **cut**.

Further, in the second embodiment a **cut** line is provided in the outer surface of the one of the edge strips and it is spaced from and extends along the perforated line in that strip and, preferably, the **cut** line is located on the opposite side of the perforated line from the connecting seam.

Inventors

REIL W

Latest standardized assignees - inventors removed

ALTSTAEDTER VERPACK VERTRIEB

Family 5/13 - FAMPAT - ©Questel

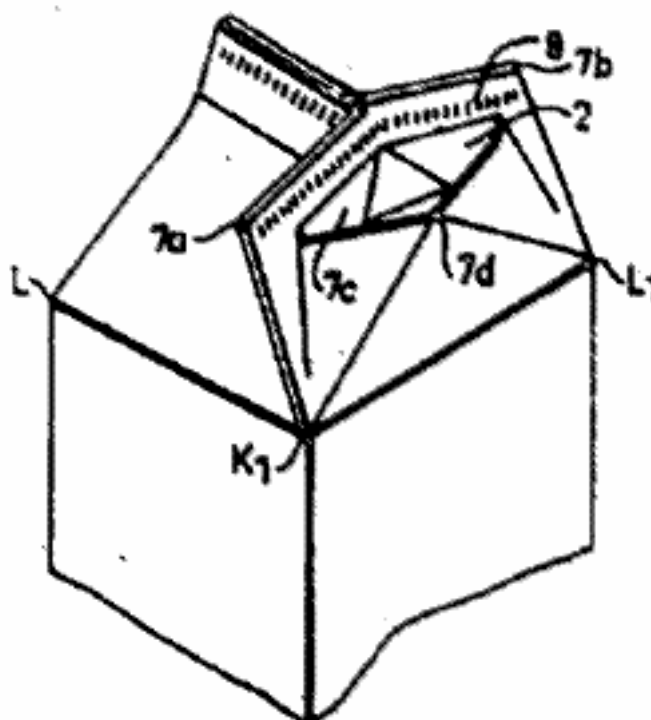
Title

(US3297227)

Pouring spouts for containers

Images

FIG. 7.



Publication data including kind & date

NL146450	B	1975-07-15	NL-146450
DK126581	B	1973-07-30	DK-126581
FI45006	C	1972-02-10	FI--45006
FI45006	B	1971-11-01	FI--45006
SE329968	B	1970-10-26	SE-329968
NO118141	B	1969-11-10	NO-118141
IL22752	A	1969-03-27	IL--22752
DE1289481	B	1969-02-13	DE1289481
GB1067602	A	1967-05-03	GB1067602
US3297227	A	1967-01-10	US3297227
FR1450445	A	1966-08-26	FR1450445
NL6500444	A	1965-07-19	NL6500444
BE658317	A	1965-04-30	BE-658317



Abstract

(US3297227)

1,067,602. Cartons with pouring spouts. H. I. WALLSTEN. Jan. 11, 1965 [Jan. 16, 1964], No.1126/65. Heading B8P. A paperboard &c. **container** with infolded **triangular** panels at its top section has at least one slit and/or row of perforations in or adjacent the **triangular** panel at one side, and this slit &c., internally and/or externally of the **container** is covered by a sealing strip removal of which renders the slit &c. accessible for pouring while at the same time a portion of the **triangular** panel below the slit &c. is **foldable** out to a spout for pouring. The blanks may be made in a continuous web, the **folding** being such as to form a bottom for a **container** and simultaneously a top for the subsequent **container**, the web then being **cut** between the two containers. The **container** may be coated inside and/or outside with a plastics, wax &c. layer, and aluminium or plastics foil may be used as the cover strips, Figs. 8b, 9b and 9c (not shown). By the use of cold-sealing adhesives the **container** may be resealed after use.

(From GB1067602 A)

Inventors

WALLSTEN HANS I

Latest standardized assignees - inventors removed

TETRA PAK

Family 6/13 - FAMPAT - ©Questel

Title

(US3303077)

Method and apparatus for manufacturing photographic products

Images

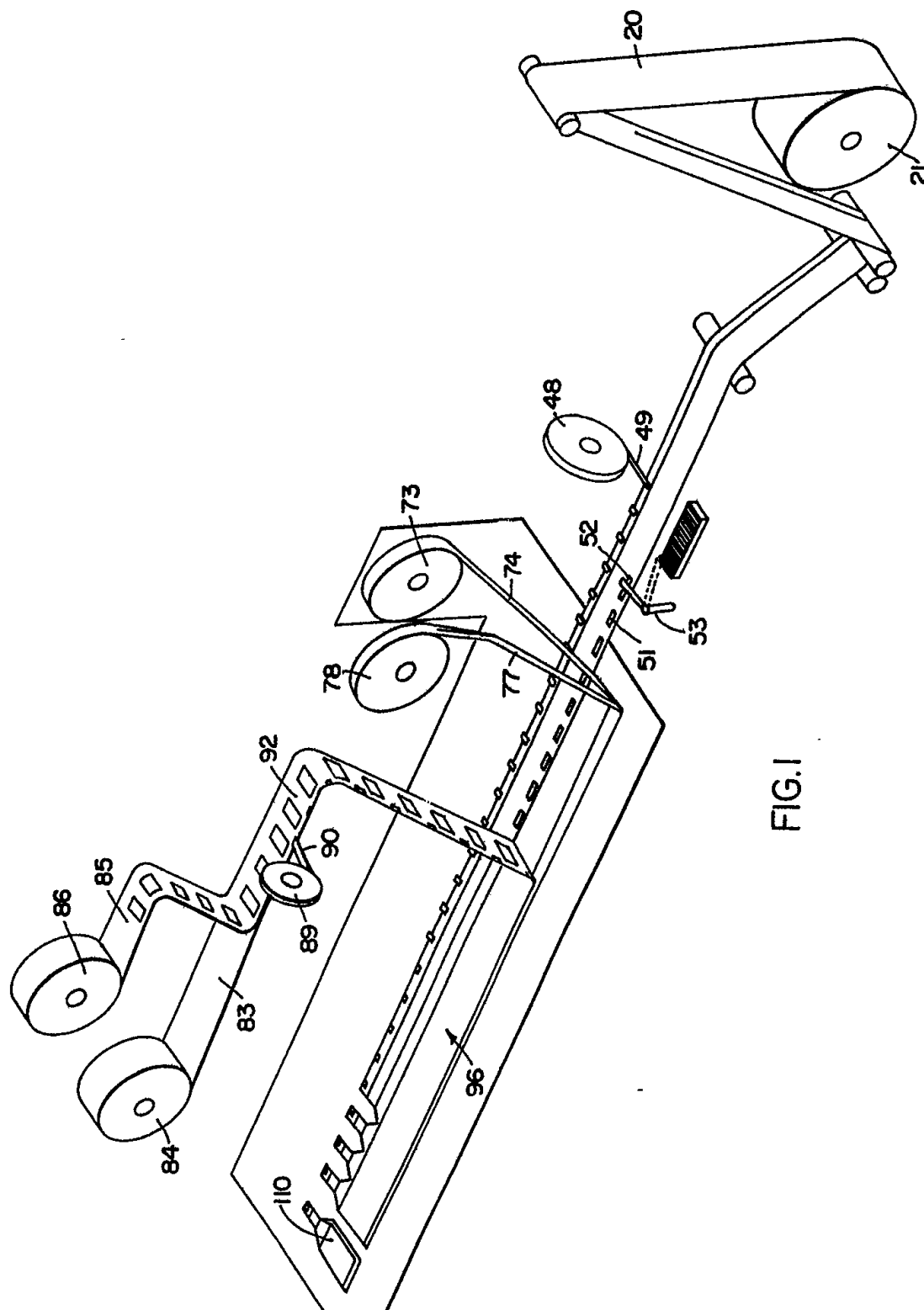


FIG.1

Publication data including kind & date

SE308065	B	1969-01-27	SE-308065
US3303077	A	1967-02-07	US3303077
CH396627	A	1965-07-31	CH-396627



GB986291

A 1965-03-17 GB-986291

Abstract

(US3303077)

986,291. Laminates and laminating; seaming non - metallic sheet material. INTERNATIONAL POLAROID CORPORATION. Nov. 23, 1962 [Dec. 4, 1961], No. 44423/62. Headings B5K and B5N. [Also in Divisions B6 and G2] Units of photosensitive photographic material comprising a photosensitive sheet, a backing sheet, a "leader" " and a **container** of fluid processing material from which the material may be released by pressure are made from continuous webs of paper, plastic or other material carrying spaced processing-fluid containers and adhered together along longitudinal lines to form a composite web from which the units are **cut**. The photosensitive sheet which is enclosed in a light-tight housing until incorporation in the composite web, may comprise film base or paper carrying silver halide or other emulsion, or ferric salts or diazonium compounds. Adhesion between the webs may be secured by **heat**-sensitive material such as plasticized cellulose nitrate, ethyl cellulose or. polythene or by using the **heat** softening properties of the webs themselves or their coatings. A unit may comprise a photosensitive sheet 111, Fig. 16, attached at one edge to a "leader" " sheet 113 carrying a processing- fluid **container** 51 and having a Z-shaped **fold** at 119, and attached at the opposite edge to a strip 121 longitudinally **folded** and having in its **folded** edge 122 a notch 124. Attached to sheet 113 at 118 is a backing sheet 114, which may comprise a support 112 for a silver halide image-reversal layer, and an apertured paper sheet 116 secured thereto. The sheet 116 carries spacer elements 125, 126 of paper or **cardboard** and is adhered to the strip 121. The " leader " sheet 113 is **cut** away on each side to form a narrower tongue 110 and carries a tab 120 of metal sheet or foil **folded** on **itself**. In making the product, a web 20, Fig. 2, is drawn from a spool 21 and **folded** longitudinally into Z-section by a device at 22 (see Fig. 6). The **folded** portion has applied to it at spaced intervals tabs, e.g. of metal sheet or foil, supplied as a web 49 and **cut** and pressed on by a device 50. The tabs project beyond the edge of the web and are later turned in by means 95. Capsules of processing fluid 51 are placed at spaced intervals near the opposite edge of the web by an oscillatory vacuum transfer device 52, 53, and are secured by **heat** and pressure by a device 55 within a light-tight housing 54. A web 74 of light-sensitive material also within the housing is drawn from a roll 73 and attached along one edge to the edge of the web 20; to the opposite edge of the web 74 is attached a paper web 77 which is drawn from a roll 78 and passed through a device 79 in which it is **folded** longitudinally and has a notch **cut** into one **folded** edge at intervals. A paper web 85 has rectangular apertures **cut** in it by a device 87 and is joined at 88 to a web 83 which may be a plain flexible backing web or a web of image-reversal material. The double web has spacing tabs, which may be rectangular or may be tapered on their inner edges, attached to it at intervals by a device at 91, and passes through a light trap 93 into the housing 54 where it is attached to web 20 along a line spaced from the edge of the latter, so that the capsules 51 are covered by the attached web, and is also attached at its other edge to the border web 77 of the photosensitive web 74. The composite web then passes to a die block 104, which punches out portions of web 20 to form the tongues 110 (Fig. 16), and to a knife 105 which **cuts** the web laterally into finished units. The webs may be advanced through the apparatus continuously, preferably by rollers, heating, pressing and **cutting** being effected by rotary devices. Preferably, however, all webs are advanced intermittently by gripper feed mechanism 97, shown in detail in Fig. 14 (see below). Light-traps at the entries to the lighttight housing 54 may be of the directionchange type but that at 55, Fig. 2, has the construction shown in Fig. 8 (see below). The gripper-feed mechanism.-Fig. 14 comprises a pair of jaws 99 reciprocated on a guide bar 102 and a pair of non-reciprocating jaws 103, 109, jaw 103 being mounted on a vertically moved frame 106 which also carries the airblock 104 and knife 105 (see Fig. 2). The pairs of jaws are operated in succession respectively to grip and advance the web 96 and to hold it during the return stroke of the reciprocating jaws. On closure of the holding jaws 103, 109 the die-block 104 and knife 105 operate to punch out portions of, and **cut** units from, the web as described above. The light-trap, Fig. 8, comprises vertically reciprocal panels 56, 62, having rubber or like edging strips 60, 72, the panel 62 being mounted on a reciprocal carriage 70 at the entry to a light-tight telescopic housing 66, 68. The panels are so timed that one is closed while the other is open. Thus panel 56 is closed during movement of panel 62, in open position, to the right, whereafter panel 62 closes and moves to the left with web 20, panel 56 being open during this period. The web-**folding** device, Figs. 6 and 7, comprises a base plate 23 carrying pivoted **triangular** plates 26, 33, 40, which are securable in appropriate angular positions, as by link-work and clamp screws beneath plates 26 and 33 and by a set screw 41 for plate 40. A pillar 42 has a **slot** with shaped sides 43, 44 in its upper part. The web 20 (Fig. 7) is drawn over plate 26, its edges being down-turned,

passed under plate 40 to produce a central reverse **fold** and carried through the **slot** 43, 44, on emergence from which it is flattened on plate 33 to produce a Z-shaped longitudinal **fold**. Specifications 684,592, 706,901, 921,921, 921,927 and U.S.A. Specifications 2,435,720 and 2,554,889 are referred to.

(From GB986291 A)

Inventors

BAGGS JR ARTHUR E

Latest standardized assignees - inventors removed

POLAROID

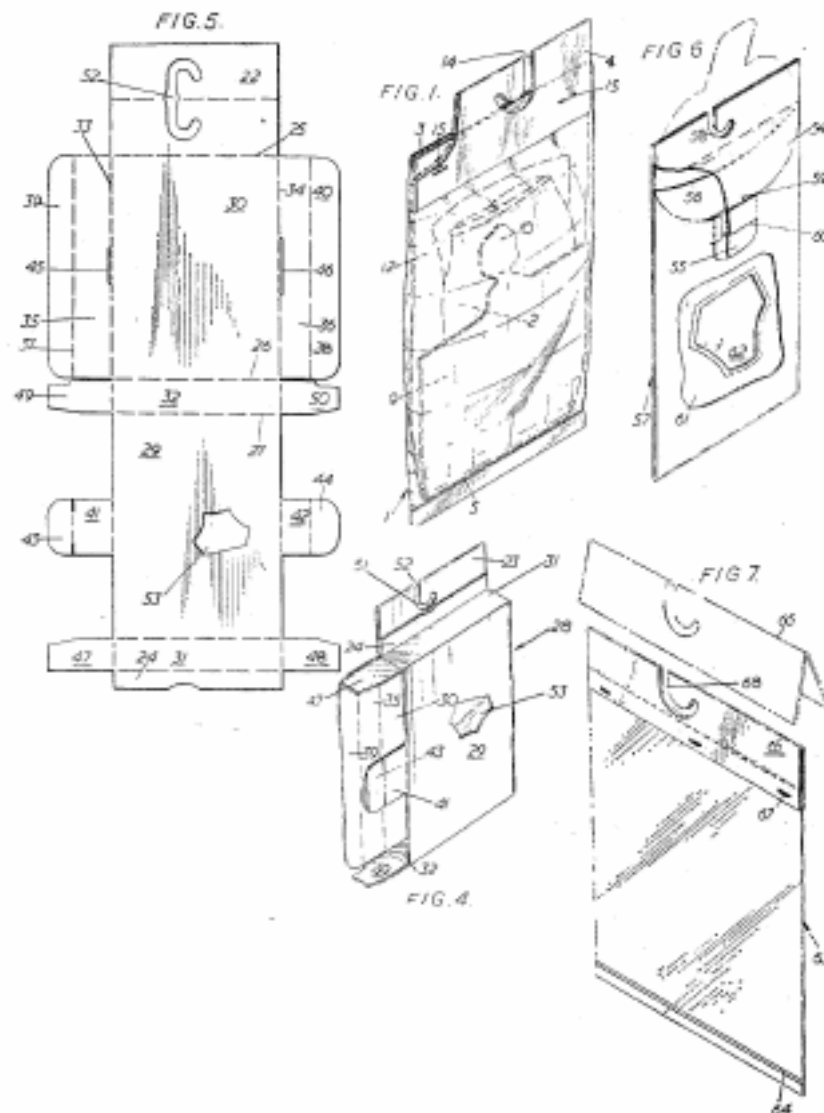
Family 7/13 - FAMPAT - ©Questel

Title

(GB-951232)

Improvements in or relating to packs for use in the sale of merchandise

Images



Publication data including kind & date

[GB951232](#)

A 1964-03-04 GB-951232



Abstract

(GB951232)

951,232. Merchandise display and storage. I. B. KLEINERT RUBBER CO. May 5, 1960 [May 22, 1959; March 3, 1960], Nos. 17563/59 and 7641/60. Heading A4T. [Also in Divisions B6, B8 and G5] In Fig. 1, one end of a section of polythene tube is **heat** sealed at 5, and into the open end 3 is inserted a cardboard blank of which one end 9 is **folded** back on the main portion 12 to receive the content of the **pack**. The protruding part 4 of the blank has a C-shaped **cut-out**, and is **folded** to lie

outside the tube and to form an aperture 14 in the shape of a U with one arm foreshortened. The entry to the U may be flared, to facilitate passing the U over a rail from which the **pack** is to be suspended, the rail then seating in the short arm of the U, which extends along the vertical centre line of the **pack**. The blank is secured to the tube, and the tube is closed, by staples 15. Fig. 4 shows a carton provided with similar suspension means, constructed from a blank of **cardboard** or similar flexible material shown in Fig. 5. The blank is adapted to **fold**, as by scoring, along the broken lines, so that the part 30 becomes the back, 32 the bottom, 29 the front, with a window 53 covered by transparent material, and 31 the top. Part 24 is secured to part 22, which is **folded** to form the aperture 51. The sides are closed by flaps 47, 49 shown in Fig. 4, and a side panel 35, an extension 39 of which is **folded** to lie in contact with the inner face of the front 29. A tongue 41 is then **folded** to lie along the outer face of panel 35, and its rounded free end 43 is passed through a **slot** 45 at the juncture between panel 35 and the back 30, to lie inside the **pack** and keep the side closed. The other side of the **pack** is similarly closed. In Fig. 6, the **pack** is formed by **folding** a long blank about a transverse line, and securing the sides by staples to form an envelope 57. One end of the blank is concave as at 56, and the other end is **folded** upon and glued or stapled to **itself** to form the aperture 58 and to leave free a closure **flap** 54 having a tongue 55 which may be inserted through slits 59, 60. Either face or both faces, may have a transparent window 62. In Fig. 7, a section of polythene tube is **heat** sealed at 64, and a sheet of thin card is **folded** along line 66 to form the aperture 68, and is then placed over the open end of the filled tube, and secured thereto by staples 67.

Inventors

ROWE CHARLES GORDON

Latest standardized assignees - inventors removed

KLEINERT I B RUBBER

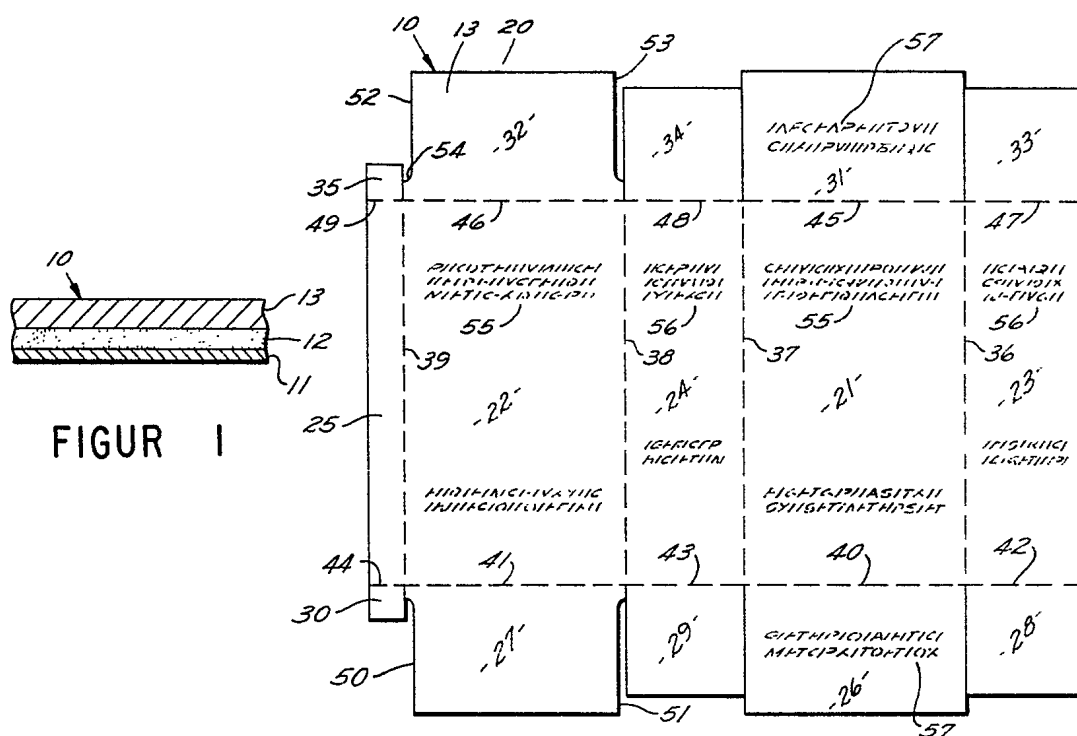
Family 8/13 - FAMPAT - ©Questel

Title

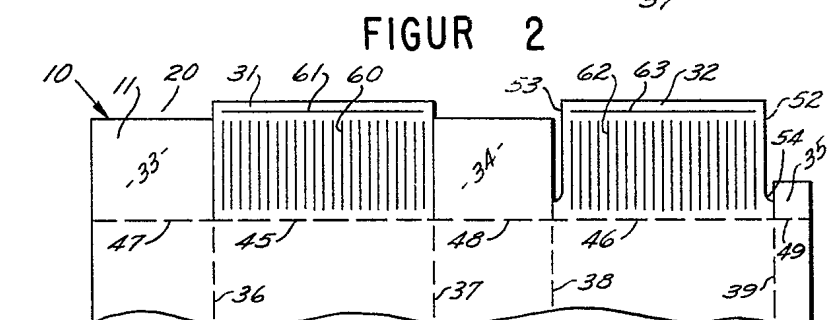
(US3290856)

Method of sealing containers with laminated closures

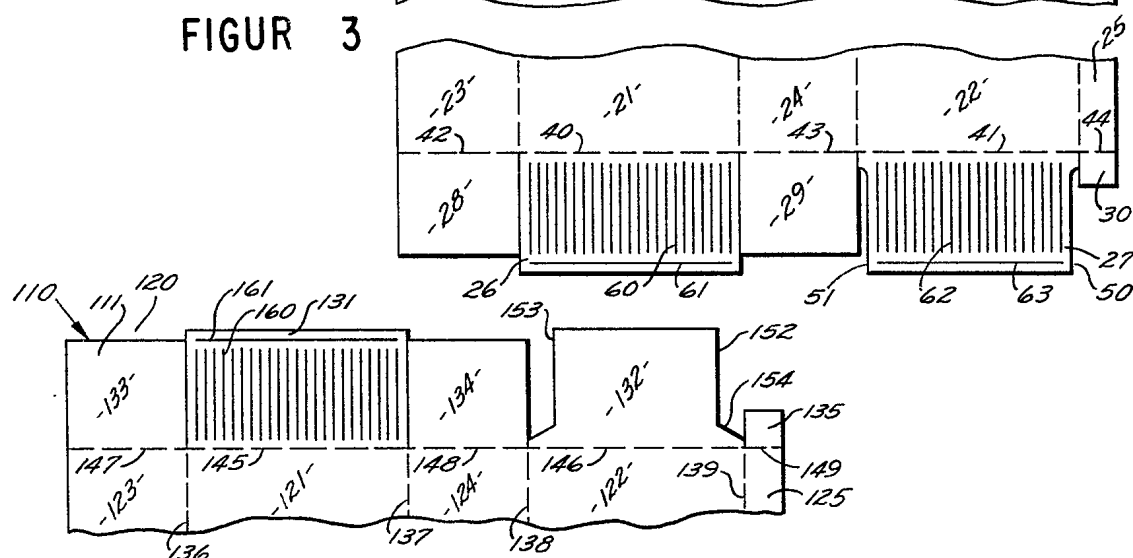
Images



FIGUR 1



FIGUR 2



Publication data including kind & date

US3290856	A	1966-12-13	US3290856
CH422499	A	1966-10-15	CH-422499
CH420969	A	1966-09-15	CH-420969
GB1011796	A	1965-12-01	GB1011796
GB1011800	A	1965-12-01	GB1011800



AT243673	B	1965-11-25	AT-243673
FR1338435	A	1963-09-27	FR1338435
FR1338436	A	1963-09-27	FR1338436
NL282414	A	0	NL-282414D



Abstract

(US3290856)

1,011,800. Packages. PETROLITE CORPORATION. Aug. 22, 1962 [Aug. 23, 1961; April 16, 1962], No. 32271/62. Addition to 1,011,796. Drawings to Specification. Heading B8C. [Also in Division B5] A **container** comprises a **container** body and an unarticulated closure member at least one of these being of the laminated sheet material of the parent Specification, the closure member being sealed to the body by the exudation of the thermoplastic adhesive from one or more avenues of exit in edge regions of the sheet material. The **container** may be a circular tub (Figs. 5-10, not shown, or a single or double compartment tray (Figs. 2-9, not shown), the closure member being a flat sheet of the laminate which may be provided with a transparent window by removal of a portion of the outer plies, or by providing a tearaway portion in the outer ply, the window either being formed by the adhesive layer or by a further inner film layer of glassine, regenerated cellulose, cellulose acetate vinyl, or polystyrene. A multi-**container** strip may be filled with contents and covered with a strip of the laminated sheet which is then **cut** into individual closure members with a heated blade which simultaneously effects the sealing of the closure members to the containers.

Inventors

RUMBERGER GEORGE G

Latest standardized assignees - inventors removed

JAMES RIVER DELAWARE M

FORT JAMES

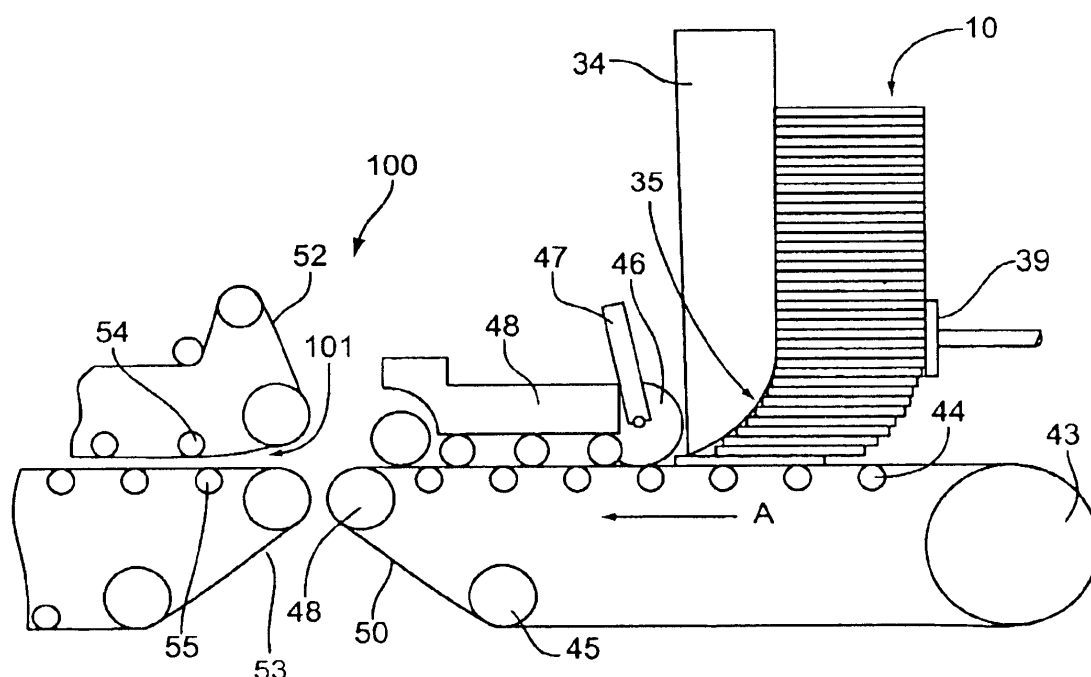
Family 9/13 - FAMPAT - ©Questel

Title

(EP2487027)

Method of manufacturing beverage **container** holders

Images



CY1112834	T1	2016-02-10	CY1112834				
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WO03/018303	A1	2003-03-06	WO200318303				
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GB0219023	D0	2002-09-25	GB200219023				

Abstract

(EP2487027)

A machine and method for producing beverage **container** holders of consistently high quality at high production rates and at an economical cost is disclosed herein. Beverage **container** holders (500) can be produced on the machine using the method disclosed herein at a rate of 50,000 beverage **container** holders per hour. The initial step of introducing the blanks (810) into the machine's conveying mechanism assures that the blanks are properly aligned and have a predetermined spacing there between, which avoids jamming of the machine and the resulting work stoppage (Fig. 2). The process includes steps for pre-breaking or pre-folding the flaps (Fig. 5) which enable the final **folding** of the flaps to be performed with the necessary reliability and speed. All except the final step of the manufacturing process are performed while the blanks are being conveyed at a constant high rate along the length of the machine.

Inventors

COOK MATTHEW R

Latest standardized assignees - inventors removed

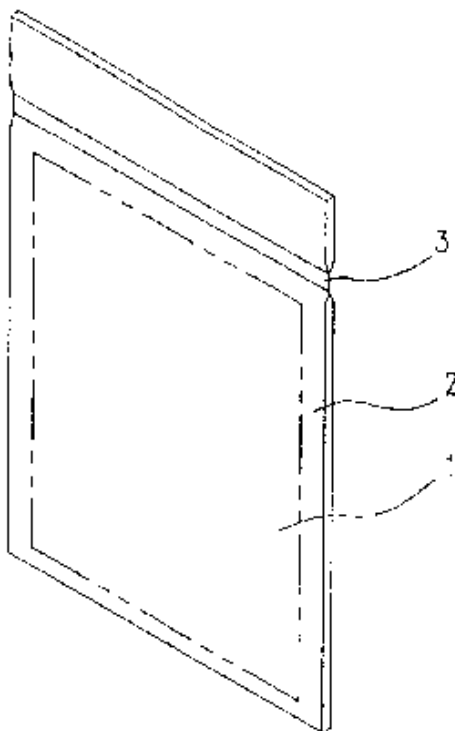
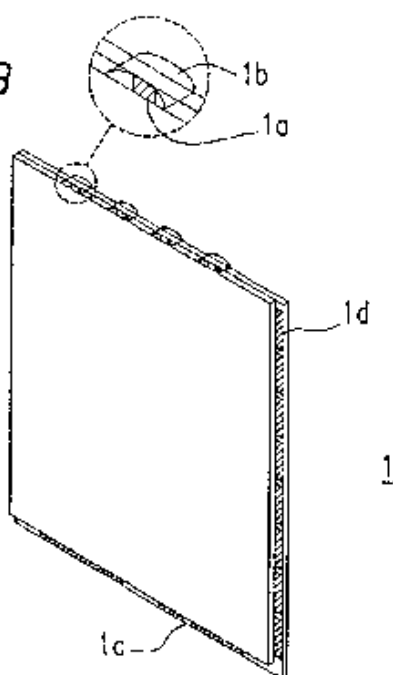
INTEGRA LIFESCIENCES

Family 10/13 - FAMPAT - ©Questel

Title

(US5784860)

Sealed bag and **container** for accommodating electronic device, and method for facilitating storing and transporting electronic device using such sealed bag and **container**

Images*FIG. 1A**FIG. 1B*

JP3328129	B2	2002-09-24	JP3328129				
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KR970001168	A	1997-01-21	KR19970001168				

Abstract

(US5784860)

A sealed bag for vacuum-packing an electronic device in the state of being evacuated and partially thermally fused at an opening thereof includes a multi-layer film including; a first anti-static layer; a thin metal layer; an insulative layer; and a second anti-static layer. A **container** includes a case for accommodating at least two such sealed bags. The case is provided with a charge protective layer on an inner surface thereof; a housing for accommodating at least two cases; and a master carton for accommodating at least one housing.

Inventors

FUJIKAWA HISASHI

YONEDA YOUKI

Latest standardized assignees - inventors removed

SHARP

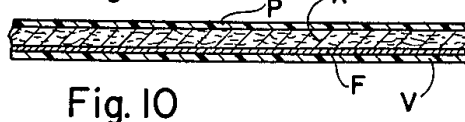
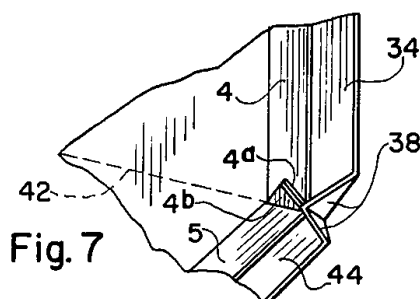
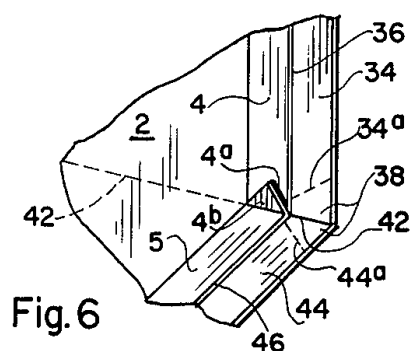
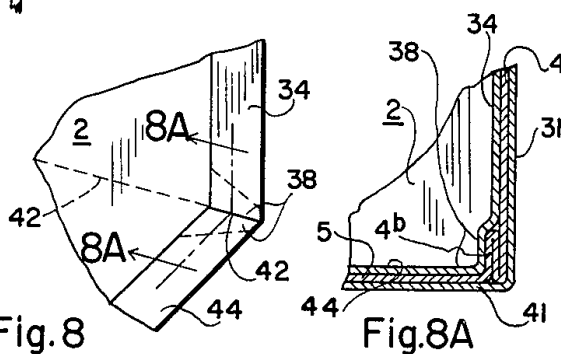
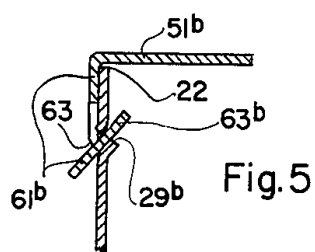
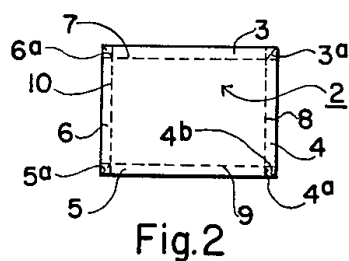
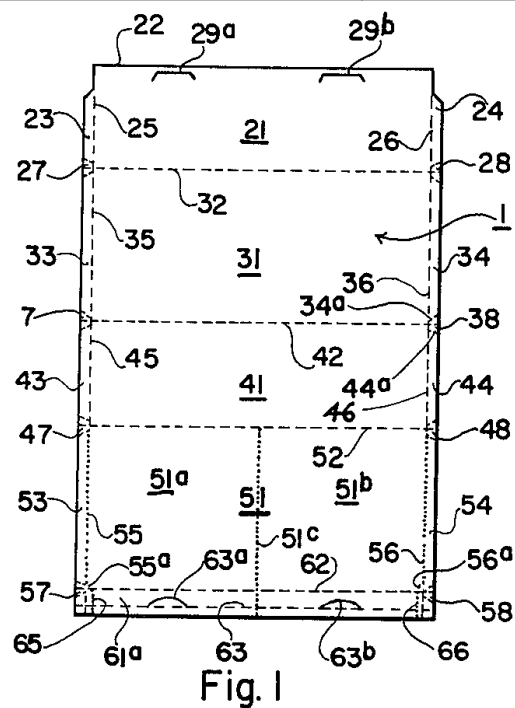
Family 11/13 - FAMPAT - ©Questel

Title

(US3085734)

Cartons

Images



INVENTOR.
DON B. KAUFFELD

BY
Alexander F. Dowell
ATTORNEYS

Publication data including kind & date

US3085734	A	1963-04-16	US3085734
FR1323933	A	1963-04-12	FR1323933

Inventors

KAUFFELD DON B

Latest standardized assignees - inventors removed



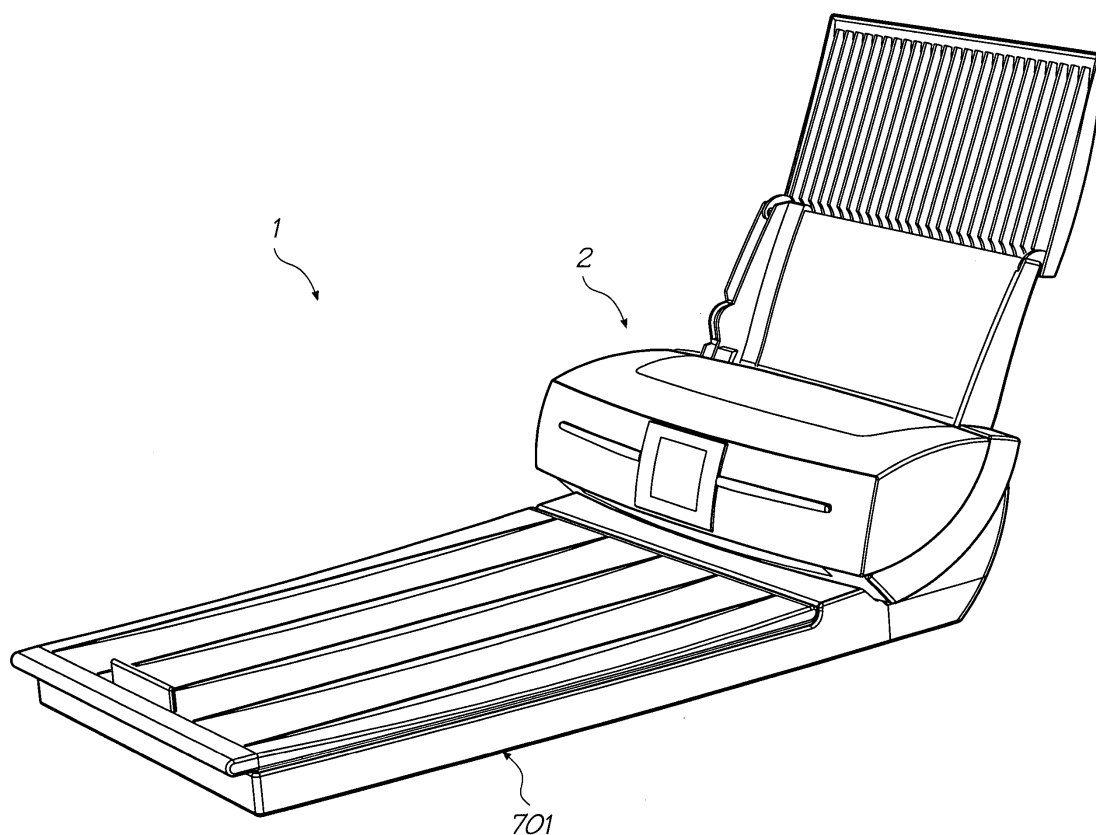
FOILS PACKAGING

Family 12/13 - FAMPAT - ©Questel

Title

(EP1706268)

High speed digital printer unit

Images**Publication data including kind & date**

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US9044956	B2	2015-06-02	US9044956
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Abstract

(EP1706268)

An printer unit is provided comprising a body having a media input assembly for supporting media for printing (34), a media output assembly for collecting printed media and a print engine (70) adapted to be mounted to said body and having a printhead for printing an image on a surface of the media. The printhead being a pagewidth printhead that is removable from the print engine.

Inventors

SILVERBROOK KIA

Latest standardized assignees - inventors removed

MEMJET TECHNOLOGY

ZAMTEC

Family 13/13 - FAMPAT - ©Questel

Title

(FR1410668)

Package for the dispensing of a liquid

Publication data including kind & date[FR1410668](#) A 1965-09-10 FR1410668**Latest standardized assignees - inventors removed**

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