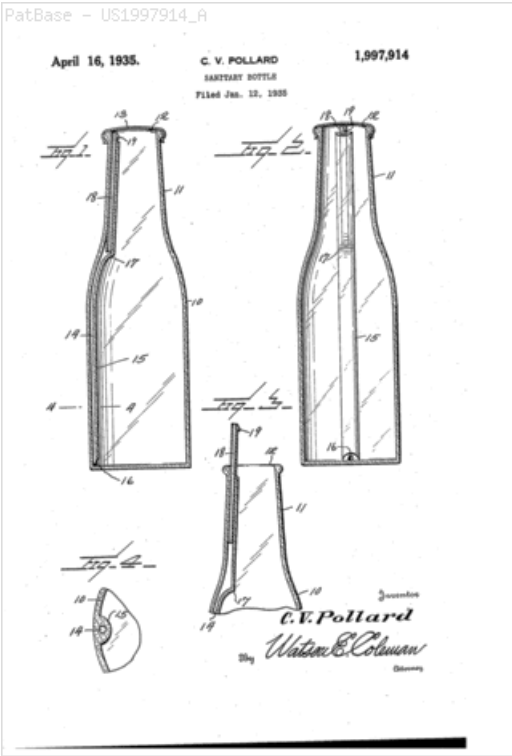


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1) Family number: 22153310 (US1997914A) © PatBase

Title: SANITARY BOTTLE
Abstract: 1. A bottle of the character described havin; sn integral duct extending from the upper end of the bottle to the bottom thereof along one side wall of the bottle, the upperend out this duct being 'sn-night. and a, tube inserted within the duct and withdrawahle therefrom,
Classifications:
International (IPC 8-9): B65D77/28 (Advanced/Invention); B65D77/24 (Core/Invention)
International (IPC 1-7): B65D23/00
CPC: B65D77/283
European: B65D77/28C
US: 215/389



Family:

Publication number	Publication date	Application number	Application date
US1997914 A	19350416	US19250001557	19250112

Priority:
US19250001557 19250112
Probable Assignee: POLLARD COCIL V
Assignee(s): (std): POLLARD COCIL V
Inventor(s): (std): POLLARD COCIL V

2) Family number: 894341 (US3486679A) © PatBase

Title: DISPOSABLE BEVERAGE CONTAINER WITH BUILT-IN SIPPING TUBE

Abstract: (Claim 1) 1. A disposable beverage serving container of the type described comprising a hollow body portion of polygonal cross section having a bottom wall on which the container may rest and upstanding walls extending to a top where a dispensing opening is provided, a built-in sipping straw disposed within said body and extending from the bottom to the top thereof, said straw having a main section extending from a point adjacent the bottom to the top of the body which is attached to an adjacent upstanding wall and having a sipping section adjacent the top connected to the main section for movement relative thereto, said main section having an inlet adjacent the bottom and said movable section having an outlet, and a closure member for said dispensing opening at the top movable relative to said dispensing opening to permit projection of the sipping section of the straw therethrough, said closure member being connected to said sipping section which is located inwardly thereof so that when it is moved to open said dispensing opening said sipping straw section is projected outwardly through said opening to a sipping position, at least certain walls of the container being prescored along selected fold lines so that the body is collapsed before filling with the built-in straw between the walls and protected thereby but being expansible to upright condition with the main section of the straw movable with the upstanding wall to which it is attached to its position extending from the bottom to the top of the body and with the closure member in closed position at the top thereof and having the sipping section of the straw connected thereto and located inwardly thereof.

Classifications:

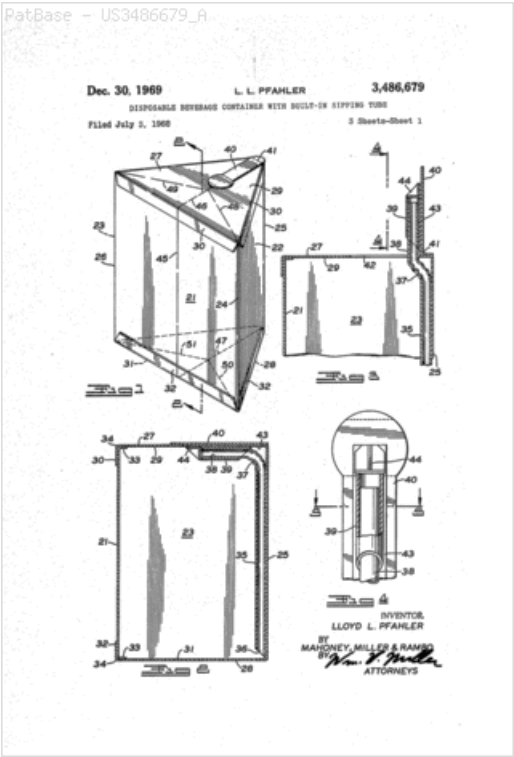
International (IPC 8-9): B65D77/28 (Advanced/Invention); B65D77/24 (Core/Invention)

International (IPC 1-7): A47G21/18 B65D23/00 B65D5/00

CPC: B65D77/283

European: B65D77/28C

US: 215/389 229/103.1 229/115 229/7



Family:

Publication number	Publication date	Application number	Application date
US3486679 A	19691230	US19680742230	19680703

Priority:

US19680742230 19680703

Probable Assignee: NICHOLAS M SAVKO

Assignee(s): (std): LLOYD L PFAHLER ; NICHOLAS M SAVKO

Inventor(s): (std): PFAHLER LLOYD L

Inventor(s): LLOYD L PFAHLER

3) Family number: 7685912 (US3799914A)

© PatBase

Title: STANDABLE FLEXIBLE CONTAINER WITH STRAW

Abstract: ABSTRACT OF THE DISCLOSURE A standable flexible container adapted for storing fluids and having side walls formed of a thin, preferably heat sealable, flexible sheet material. The container bottom is constructed so that when the container is filled, the bottom opens to form a broad base for supporting the container of fluid in a standing, upright position. An elongated dispensing member enclosed within the container extends between a lower fluid compartment and an upper, dispensing member storage compartment. The dispensing member has a folded, or foldable, top portion capable of being unfolded into a dispensing position, and a relatively straight bottom portion which extends into the lower compartment. The bottom portion of the dispensing member cooperates with the container side walls to form a fluid tight seal therewith and, in concert with a seal formed in the dispensing member, a hermetic seal is established which isolates stored fluid in the lower compartment.

Classifications:

International (IPC 8-9): B65D33/38 B65D75/00 B65D77/28 (Advanced/Invention);

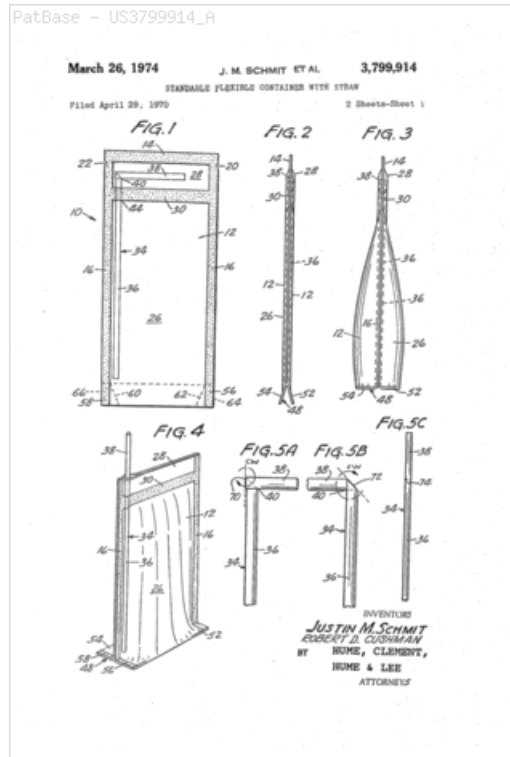
B65D33/36 B65D75/00 B65D77/24 (Core/Invention)

International (IPC 1-7): B65D31/06 B65D47/06 B65D75/48

CPC: Y10S215/90 Y10S383/904 B65D75/008 B65D77/283

European: B65D75/00E B65D77/28C

US: 215/376 215/389 215/900 229/103.1 383/104 383/200 383/904 426/115 426/410 426/8.5 426/85

**Family:**

Publication number	Publication date	Application number	Application date
US3799914 A	19740326	US19700032933	19700429

Priority:

US19700019951 19700316 US19700032933 19700429

Probable Assignee: JENOS INC

Assignee(s): (std): JENOS INC

Assignee(s): JENOS INC US ; PILLSBURY CO ; PILLSBURY CO PILLSBURY CENTER MINNEAPOLIS MN 55402 A CORP OF DE

Inventor(s): (std): CUSHMAN R ; SCHMIT J

Inventor(s): SCHMIT J US ; CUSHMAN R US

4) Family number: 8374221 (US4291814A)

© PatBase

Title: Container with drinking tube

Abstract: A beverage container has an internal vertical tube joined to an upper part of the container. An external L-shaped tube has one end interconnected to the container top in alignment with the internal vertical tube. The L-shaped tube can be rotated so that in one position the L-shaped tube overlaps the cover in a storage position and in a second position part of the L-shaped tube extends outwardly of the container for drinking. In the stored position, a porthole in the L-shaped tube is non-aligned with a porthole in the container. The portholes align when the L-shaped tube is rotated for drinking.

Classifications:

International (IPC 8-9): B65D77/28 (Advanced/Invention);

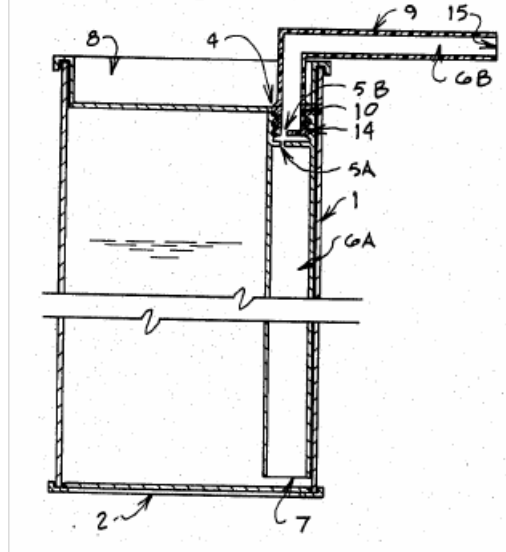
B65D77/24 (Core/Invention)

International (IPC 1-7): A47G19/22 B67D5/08

CPC: B65D77/28

European: B65D77/28

US: 215/229 215/389 220/709 220/90.4 222/529 222/530 222/534 229/103.1

**Family:**

Publication number	Publication date	Application number	Application date
US4291814 A	19810929	US19790087320	19791022

Priority:

US19790087320 19791022

Probable Assignee:

CONN J L

Assignee(s): (std):

CONN J L

Assignee(s):

CONN JOHN L

Inventor(s): (std):

CONN JOHN L

5) Family number: 5149856 (US5148971A)

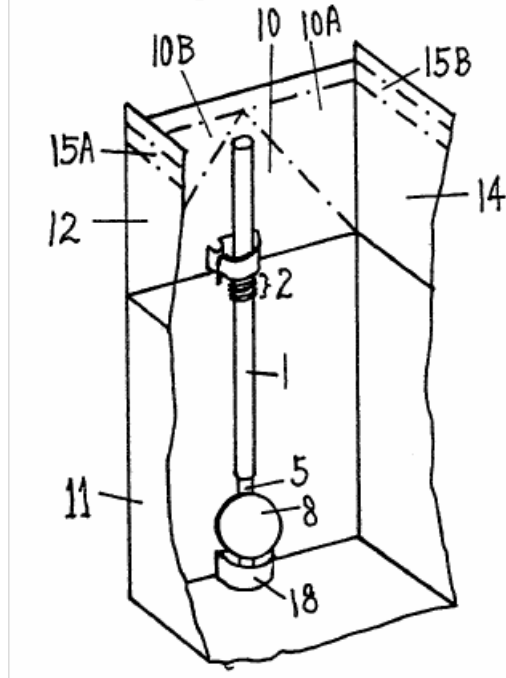
© PatBase

Title: Beverage carton with telescopic floating straw

Abstract: A drinking straw contained in a beverage carton having a flexible portion (2) and a buoy (8). The carbon has a clamp (17) and a straw retainer (18) that holds the straw vertically inside the carton. When the carton is opened the straw (1) comes up immediately to an ideal drinking position. The consumer has the option of extending the straw, which consists of two telescopically engaged tubes.

Classifications:**International (IPC 8-9):** B65D77/28 (Advanced/Invention);

B65D77/24 (Core/Invention)

International (IPC 1-7): B65D5/72**CPC:** B65D77/283**European:** B65D77/28C**US:** 215/1A 215/389 229/103.1 239/33**Family:**

Publication number	Publication date	Application number	Application date
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Priority:

US19910762432 19910919

Probable Assignee: AHN SI YOLL

Assignee(s): (std): AHN SI YOLL

Inventor(s): (std): AHN SI YOLL

6) Family number: 11245347 (US5897013A)

© PatBase

Title: Straw for drinking cup

Abstract: A straw assembly has a flexible first segment with at least one longitudinal glide ridge extending inwardly from a drinking end thereof, a retaining shoulder at a fixed distance from the drinking end, and an orienting finger extending from the retaining shoulder.

Classifications:

International (IPC 8-9): A47G19/22 B65D47/20 B65D47/22

B65D77/28 (Advanced/Invention);

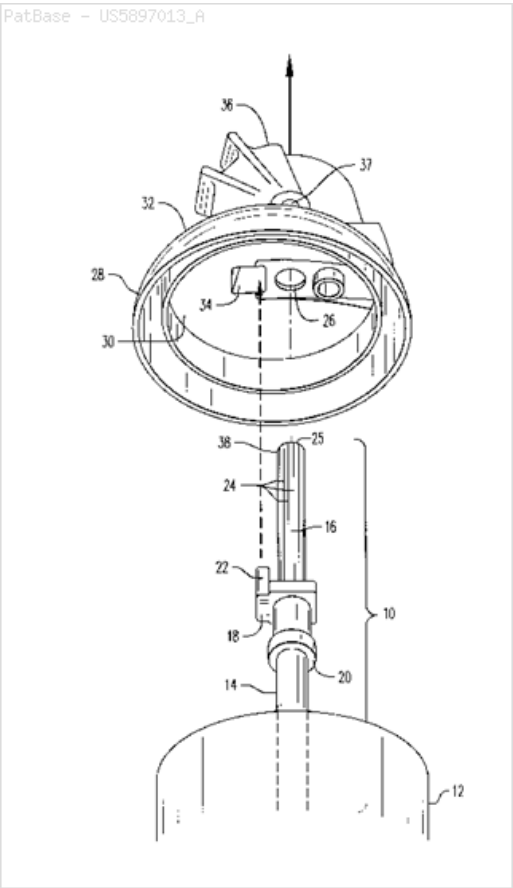
A47G19/22 B65D47/04 B65D77/24 (Core/Invention)

International (IPC 1-7): A47G19/22 B65D47/08

CPC: A47G19/2266 B65D47/2037 B65D77/283

European: A47G19/22B12 B65D47/20E2B B65D77/28C

US: 215/229 215/388 220/252 220/254 220/254.3 220/709 222/528 239/33



Family:

Publication number	Publication date	Application number	Application date
AU199869691 A1	19981111	AU19980069691	19980413
CA2286281 AA	19991005	CA19982286281	19980413
CA2286281 C	20070821	CA19982286281	19980413
US5897013 A	19990427	US19970834074	19970414
WO9846106 A1	19981022	WO1998US07410	19980413

Priority:

US19970834074 19970414 WO1998US07410 19980413

Probable Assignee: PLAYTEX PRODUCTS INC

Assignee(s): (std): PLAYTEX PRODUCTS INC

Assignee(s): WELLS FARGO BANK NA ; WELLS FARGO BANK ; WELLS FARGO BANK MINNESOTA NATIONAL ASSOCIATION ; WELLS FARGO BANK NA (AS COLLATERAL AGENT) ; WELLS FARGO BANK NA COLLATERAL AGENT AS ; WELLS FARGO BANK NA AS COLLATERAL AGENT ; CREDIT SUISSE FIRST BOSTON ADMINISTRATIVE AGENT AS ; CREDIT SUISSE FIRST BOSTON AS ADMINISTRATIVE AGENT ; GE CANADA FINANCE HOLDING CO ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; GENERAL ELECTRIC CAPITAL CORP ; MANGANIELLO FRANCIS X

Inventor(s): (std): MANGANIELLO FRANCIS X

Inventor(s): FRANCIS X MANGANIELLO

Agent(s): GIERCZAK EUGENE J A

Designated states: AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CU CY CZ DE DK EE ES FI FR GA GB GE GH GM GN GR GW HU ID IE IL IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT UA UG UZ VN YU ZW

Title: Beverage container

Abstract: A beverage container is disclosed. The disclosed beverage container comprises a container provided with a receiving space for containing a beverage; a submerged straw submerged within the container, and provided with a blocking member of a thin foil; a flexible tube capable of being deformed elastically and installed at the container so as to communicate with the submerged straw; a sucking straw installed at one end of the flexible tube and provided with a perforating portion capable of penetrating the blocking member, when necessary, with the flexible tube compressed so as to communicate with the submerged straw; and a sealing means detachably coupled to a sucking portion of the sucking straw so as to protect the sucking portion of the sucking straw from external contaminants.

Classifications:

International (IPC 8-9): B65D23/00 B65D41/04 B65D41/16 B65D41/20 B65D41/28 B65D47/06 B65D47/36 B65D51/24 B65D77/28

B65D83/00 (Advanced/Invention);

B65D77/28 (Advanced/Non-invention);

B65D23/00 B65D41/02 B65D41/04 B65D47/00 B65D47/06 B65D51/24

B65D77/24 B65D83/00 (Core/Invention)

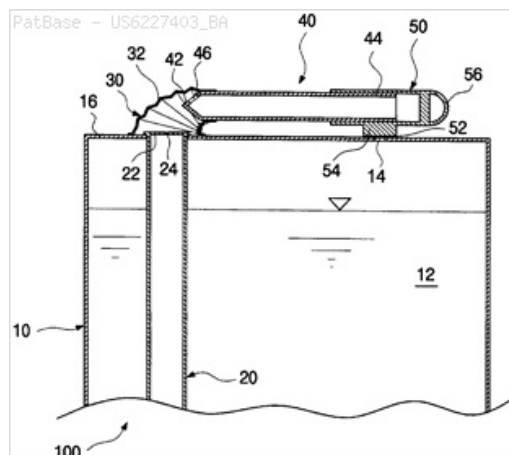
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CPC: B65D77/28 B65D77/283 B65D47/061 B65D47/122 B65D47/127

B65D2517/0049 B65D51/221 B65D85/72 B65D2205/025

European: B65D77/28 B65D77/28C

US: 215/388 220/707 220/709 220/710



Family:

Publication number	Publication date	Application number	Application date
AU200047842 A1	20001218	AU20000047842	20000515
AU200047842 A5	20001218	AU20000047842	20000515
JP2001002133 A2	20010109	JP20000154789	20000525
KR100360286 B1	20021104	KR19990046233	19991023
KR19990035033 U	19990906	KR19990009222U	19990527
KR20010038306 A	20010515	KR19990046233	19991023
KR200174603 Y1	20000315	KR19990022959U	19991023
KR200176923 Y1	20000415	KR19990024182U	19991105
US6227403 BA	20010508	US20000575781	20000522
WO0073169 A1	20001207	WO2000KR00467	20000515

Priority:

KR19990009222U 19990527 KR19990022959U 19991023 KR19990046233 19991023
 KR19990024182U 19991105 WO2000KR00467 20000515 WO2000KR00467 20000515

Probable Assignee: KIM JONG KI

Assignee(s): (std): JONG KI KIM ; KIM JONG KI

Inventor(s): (std): KIM JONG KI

Inventor(s): JONG KI KIM

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CR CU CY CZ DE DK DM DZ EE ES FI FR GA GB GD GE GH GM GN GR GW HR HU ID IE IL IN IS IT KE KG KP KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX NE NL NO NZ PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Title: INDIVIDUAL BEVERAGE CARTON WITH A STRAW THEREIN

Abstract: A liquid container of plastic coated boxboard, laminated cardboard or the like having a straw therein is disclosed. The container includes a container body, a holder, a straw and a seal. The container has an interior volume and a plurality of exterior walls. The holder is mounted with a liquid and gas tight seal in an exterior wall. The holder has an aperture formed therein. The holder is constructed such that liquid that enters the holder drains into the interior volume. A straw extends through the aperture in the holder with a snug fit. The straw has a stowed position and an in use position. The seal is for sealing the straw in the stowed position with a liquid and gas tight seal thereby sealing the liquid inside the container.

Classifications:

International (IPC 8-9): B65B61/18 B65B61/20 B65D23/00 B65D77/28

B65D85/72 (Advanced/Invention);

B65D23/00 B65D47/00 (Advanced/Non-invention);

B65B61/18 B65B61/20 B65D23/00 B65D77/24 B65D85/72 (Core/Invention)

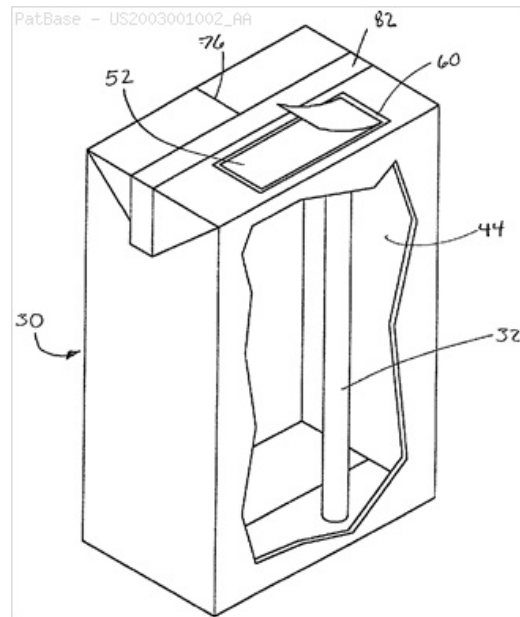
International (IPC 1-7): A47G19/22 B65B61/20 B65B9/20 B65D

B65D1/00 B65D23/00 B65D47/00 B65D77/28 B65D85/72

CPC: B65D77/28 B65B61/186 B65B61/205

European: B65B61/18D B65B61/20C B65D77/28

US: 215/355 215/358 215/388 220/705 220/705S 220/708 220/710

**Family:**

Publication number	Publication date	Application number	Application date
AT284813 E	20050115	AT20000929157T	20000512
AU199936963 A1	19991206	AU19990036963	19990513
AU200047370 A1	20001205	AU20000047370	20000512
AU200047370 A5	20001205	AU20000047370D	20000512
AU200214887 A1	20020527	AU20020014887	20011115
AU200214887 A5	20020527	AU20020014887	20011115
AU2002214887 AA	20020527	AU20020214887	20011115
CA2332611 AA	20001115	CA19992332611	19990513
CA2373529 AA	20011109	CA20002373529	20000512
CN1302273 A	20010704	CN1998006305	19990513
DE60016807 D1	20050120	DE20006016807	20000512
EP1084065 A1	20010321	EP19990919008	19990513
EP1265788 A2	20021218	EP20000929157	20000512
EP1265788 B1	20041215	EP20000929157	20000512
JP2002515384 T2	20020528	JP20000549519T	19990513
KR20010043691 A	20010525	KR20007012904	19990513
MXPA01011572 A1	20030910	MX2001PA11572	20000512
US2003001002 AA	20030102	US20020093104	20020308
US6116446 A	20000912	US19980080224	19980518
US6354062 BA	20020312	US20000712965	20001116
US6431434 BA	20020813	US19990401314	19990923
US6494332 BA	20021217	US20000700587	20001117
WO0069727 A2	20001123	WO2000CA00545	20000512
WO0069727 A3	20020926	WO2000CA00545	20000512
WO0240354 A1	20020523	WO2001CA01576	20011115
WO9959893 A1	19991125	WO1999CA00400	19990513

Priority:

US19980080224 19980518	WO1999CA00400 19990513	US19990401314 19990923
CA20002373529 20000512	WO2000CA00545 20000512	US20000712965 20001116
US20000700587 20001117	WO2001CA01576 20011115	US20020093104 20020308

Probable Assignee: HIDE A STRAW INC

Assignee(s): (std): BEVTEK INC ; GREYFIELD CONSTRUCTION CO LTD ; HAUGHTON GLENN WALLACE ; HAUGHTON KEITH LOUIS ; HIDE A STRAW INC ; SNAPPULL TECHNOLOGIES INC ; TETRASON DIVERSIFIED CORP ; HILLAR PETER CHRISTOPHER MICHA

Assignee(s): HILLAR PETER CHRISTOPHER MICHAEL ; HAUGHTON GLENN WALLACE ; BEVTEK INC GRAND CAYMAN ; BRAY ROBERT LOWELL ; ELMES JOSEPH PATRICK

Inventor(s): (std): HOUGHTON GLEM WALLACE ; HILLAR PETER CHRISTOPHER MICHA ; HAUGHTON KEITH LOUIS ; HAUGHTON GLENN WALLACE ; HILLAR CHRISTOPHER ; HAUGHTON GLENN WALLACE ; HAUGHTON WALLACE ; HAUGHTON LOUIS ; ELMES JOSEPH PATRICK ; BRAY ROBERT LOWELL

Inventor(s): GLEM WALLACE HOUGHTON ; GLENN WALLACE HAUGHTON ; KEITH LOUIS HAUGHTON ; PETER CHRISTOPHER MICHAEL HILLAR ; HILLAR PETER CHRISTOPHER MICHAEL

Agent(s): PATENT ATTORNEY SERVICES; HILL AND SCHUMACHER

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NL NO NZ PH PL PT RO RU SD SE SG SI SK SL SN SZ TD TG TJ TM TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Title: Straw with plug

Abstract: A straw comprises a cylindrical plug member having an opening at a top thereof, and a straw member which vertically extends through a bottom portion of the plug member and which is retractable in the longitudinal direction of the straw member, wherein the straw is adapted to fit the plug member with a top of a mouth of a beverage container so as to retain in a state where the straw is inserted into the beverage container. The straw is also adapted to allow a top of the straw member to be protruded from the mouth of the beverage container by extending the straw member and to allow the top of the straw member to be contained within the plug member by retracting the straw member so as to attach a cap of the beverage container.

Classifications:

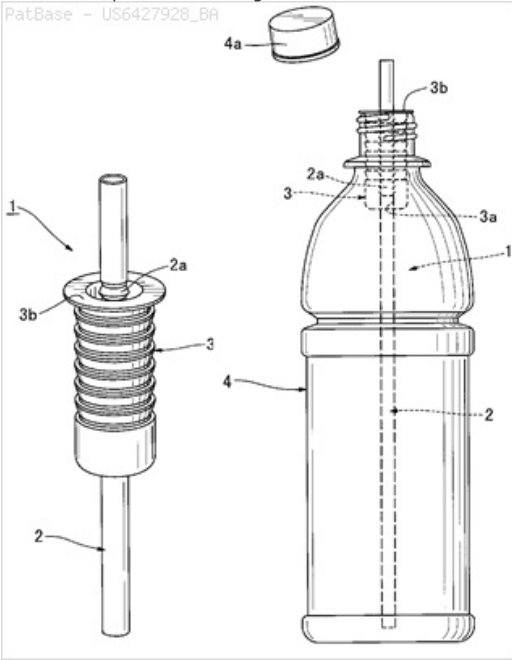
International (IPC 8-9): B65D51/24 B65D77/28 (Advanced/Invention);
B65D51/24 B65D77/24 (Core/Invention)

International (IPC 1-7): A47G21/18 B65D51/24

CPC: B65D77/283

European: B65D77/28C

US: 215/229 215/388 220/705 239/24 239/289 239/33



Family:

Publication number	Publication date	Application number	Application date
JP2001253463 A2	20010918	JP20000070077	20000314
JP3312899 B2	20020812	JP20000070077	20000314
US6427928 BA	20020806	US20000656424	20000906

Priority:

JP20000070077 20000314

Probable Assignee: KYOWA ELECTRIC AND CHEMICAL CO LTD

Assignee(s): (std): KYOWA ELECTRIC AND CHEM CO LTD ; KYOWA ELECTRIC AND CHEMICAL

Assignee(s): KYOWA ELECTRIC AND CHEMICAL CO LTD

Inventor(s): (std): HIROTA KASHICHI ; KANEDA MAKOTO

Title: STRAW WITH PLUG

Abstract: A straw comprising a straw member having an outer straw portion and an inner straw portion, the outer and inner straw portions being telescopically fitted with each other, the inner straw portion including an elastic upper section, and a cylindrical plug member having an opening at the upper end thereof. The inner straw portion is retained in the state inserted into a beverage container by mounting the plug member to the upper end of a mouth of the beverage container, and the upper section of the inner straw portion is bent by pressing with a beverage container cap so as to attach the beverage container cap to the beverage container, and the upper end of the inner straw portion is protruded from the upper end of the plug member by detaching the beverage container cap. A combination of straw and beverage container cap is also provided which can store the upper end of the inner straw portion, which protrudes from the upper end of the plug member, in the straw storing portion formed in a top plate of the cap of the beverage container to attach the cap of the beverage container.

Classifications:

International (IPC 8-9): A47G21/18 B65D25/02

B65D77/28 (Advanced/Invention);

A47G21/00 B65D25/02 B65D77/24 (Core/Invention)

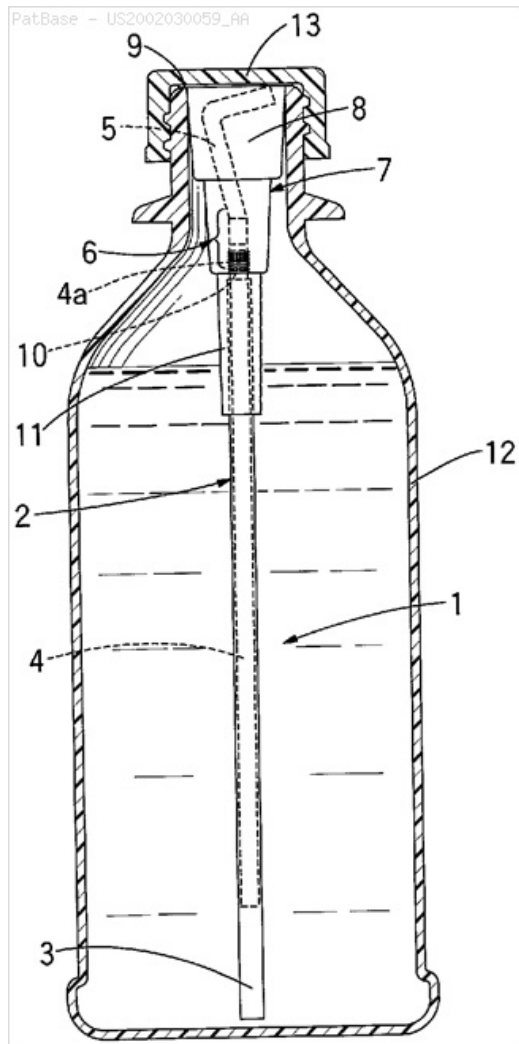
International (IPC 1-7): A47G21/18 B65D23/12 B65D25/02 B65D39/00

B65D41/00 B65D51/24 B65D77/28

CPC: B65D77/283

European: B65D77/28C

US: 215/229 215/388 220/704 220/705 239/33



Family:

Publication number	Publication date	Application number	Application date
JP2002087467 A2	20020327	JP20000278145	20000913
JP3483530 B2	20040106	JP20000278145	20000913
US2002030059 AA	20020314	US20010761723	20010118
US6375019 BA	20020423	US20010761723	20010118

Priority:

JP20000278145 20000913

Probable Assignee: KYOWA ELECTRIC AND CHEMICAL CO LTD

Assignee(s): (std): HIROTA KASHICHI ; KANEDA MAKOTO ; KYOWA ELECTRIC AND CHEM CO LTD ; KYOWA ELECTRIC AND CHEMICAL

Assignee(s): KYOWA ELECTRIC AND CHEMICAL CO LTD

Inventor(s): (std): HIROTA KASHICHI ; KANEDA MAKOTO

11) Family number: 28188908 (US2002040909A)

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Title: Cap body of beverage container

Abstract: A cap body of beverage container wherein a lid plate of lid body forming a connection mouth at a drinking straw member is mounted with an air hole between a hinge axle for rotatively supporting a cap and the connection mouth, and a straw unit for being connected to the connection mouth of the drinking straw member is formed thereunder with a closing unit for covering the air hole, while the cap is disposed with a bend member for bending the drinking straw member and a blocking protruder for blocking the air hole via the closing unit, whereby the drinking straw member can be bent to enable to close the cap with one touch operation and to surely block the air hole.

Classifications:

International (IPC 8-9): A47G19/22 B65D41/00 B65D41/26 B65D47/06 B65D47/08 B65D47/22 (Advanced/Invention);

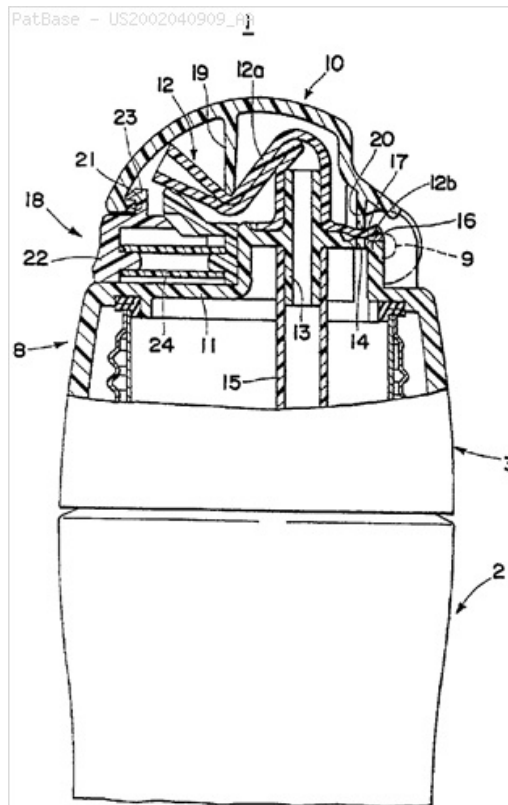
A47G19/22 B65D47/04 B65D47/06 B65D47/08 (Core/Invention)

International (IPC 1-7): A47G19/22 B65D41/00 B65D41/26 B65D43/14 B65D47/06 B65D47/08 B65D47/22 B65D77/28

CPC: A47G19/2266

European: A47G19/22B12

US: 220/256 220/259.1 220/709 220/835 220/847

**Family:**

Publication number	Publication date	Application number	Application date
CA2357171 AA	20020326	CA20012357171	20010911
CN1345683 A	20020424	CN20011023365	20010720
GB200121583 A0	20011024	GB20010021583	20010906
GB2367056 A1	20020327	GB20010021583	20010906
GB2367056 B2	20030723	GB20010021583	20010906
JP2002173162 A2	20020618	JP20010157162	20010525
JP4748433 B2	20110817	JP20010157162	20010525
US2002040909 AA	20020411	US20010938985	20010824
US6609624 BB	20030826	US20010938985	20010824

Priority:

JP20000291653 20000926 JP20010157162 20010525 CA20012357171 20010911

Probable Assignee: NIPPON SANSO CORP

Assignee(s): (std): NIPPON OXYGEN CO LTD ; NIPPON SANO K K

Assignee(s): NIPPON SANSO CORP ; TAKASHI GOTO ; YASUHIRO KOWA ; HATSUMOTO KUNIO ; MATSUYAMA SHIN ; NIPPON NSO CORPSA

Inventor(s): (std): KOWA YASUHIRO ; KUNIO HATSAMOTO ; KUNIO HATSUMOTO ; MATSUYAMA MAKOTO ; MATSUYAMA SHIN ; SHIN MATSUYAMA ; TAKASHI GOTO ; YASUHIRO KAKAZO ; YASUHIRO KOWA ; GOTO TAKASHI ; HATSUMOTO KUNIO

Inventor(s): KAKAZO YASUHIRO ; HATSAMOTO KUNIO

Agent(s): CLARK WILSON

12) Family number: 30046972 (US2003156766A)

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Title: Beverage container pouch

Abstract: A fluid container pouch is provided internally with a flexible straw to allow for the convenient and hygienic consumption of the beverage, or storage and use of other fluid materials. The fluid container pouch comprises at least first and second fluid chambers having at least two flow channels for fluid communication between said first and second fluid chambers. At least one of said flow channels comprises a flexible conduit, such as a flexible drinking straw. The fluid container pouch comprises two opposing pliable sidewalls, and the sidewalls are formed of a composite material, such as a polypropylene ply having a barrier layer of aluminum foil, a metalized coating, or polyethylene vinyl alcohol, on at least one side of said polypropylene ply.

Classifications:

International (IPC 8-9): B32B15/08 B32B27/28 B65D17/28 B65D30/08

B65D30/14 B65D30/22 B65D33/10 B65D33/36 B65D75/58

B65D77/28 (Advanced/Invention);

B65D75/00 (Advanced/Non-invention);

B32B15/08 B32B27/28 B65D17/28 B65D30/08 B65D30/10 B65D30/22

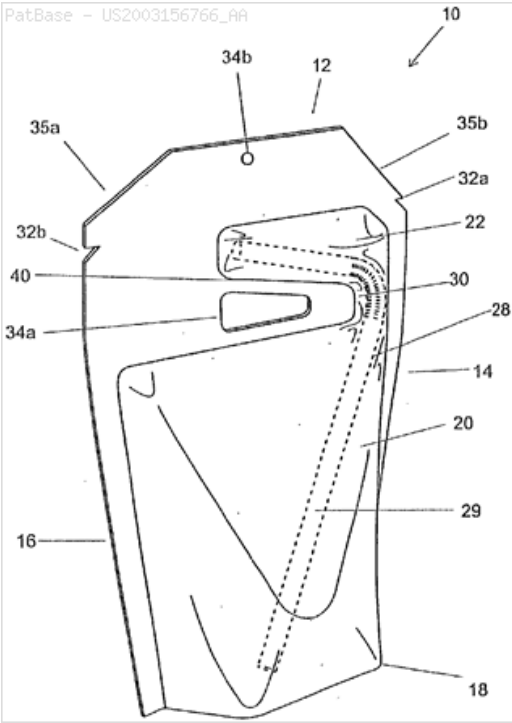
B65D33/06 B65D33/36 B65D75/52 B65D77/24 (Core/Invention);

B65D75/00 (Core/Non-invention);

A61J (Subclass/Invention)

International (IPC 1-7): A47G19/22 A61J B32B15/08 B32B27/28

B65D17/28 B65D30/08 B65D30/14 B65D30/16 B65D30/22 B65D33/10
B65D33/14 B65D33/36
CPC: B65D77/283 B65D75/008 B65D75/5811
European: B65D75/58B1 B65D77/28C L65D75/00E
US: 220/705 383/104 383/113 383/122 383/200 383/38 383/9



Family:

Publication number	Publication date	Application number	Application date
AU2003219798 AA	20030909	AU20030219798	20030219
CA2439862 AA	20030828	CA20032439862	20030219
CA2439862 C	20070109	CA20032439862	20030219
CA2542075 AA	20060407	CA20042542075	20041012
MXPA04008069 A1	20050908	MX2004PA08069	20030219
US2003156766 AA	20030821	US20020078870	20020219
US2004118859 AA	20040624	US20030683238	20031010
US6652144 BB	20031125	US20020078870	20020219
WO03070585 A1	20030828	WO2003US04880	20030219
WO05034835 A2	20050421	WO2004US33599	20041012
WO05034835 A3	20051117	WO2004US33599	20041012

Priority:

US20020078870 20020219 WO2003US04880 20030219 US20030683238 20031010
WO2004US33599 20041012

Probable Assignee: ROLZ PARTNERS INC

Assignee(s): (std): STEFANDL ROLAND E ; SUPER CHILL BEVERAGE GROUP INC

Assignee(s): SUPER CHILL BEVERAGEGROUP INC ; ROLZ PARTNERS INC

Inventor(s): (std): STEFANDL ROLAND E ; ROLAND E STEFANDL

Agent(s): MCFADDEN FINCHAM; OSLER HOSKIN AND HARCOURT LLP

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NA NE NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

13) Family number: 43169255 (WO09051552A1)

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Title: A PASSAGE FOR FLUIDS IN A METHOD FOR MAKING A PACKAGE AND SUCH A PACKAGE

Abstract: The present invention relates inter alia to a method for providing a package (1) for liquid products (2), e.g. food products such as readily flowing salad dressing, with at least one throughflow portion (14) through which product (2) under the influence of an applied pressure can be caused to flow out from said package (1), and to such a package. The package (1) has walls (3, 4) made of flexible material. The throughflow portion (14) is formed by opposite portions (5, 6) of the walls (3, 4) of the package being fastened tightly to one another.

Classifications:

International (IPC 8-9): B31B19/64 B65D75/58 (Advanced/Invention);

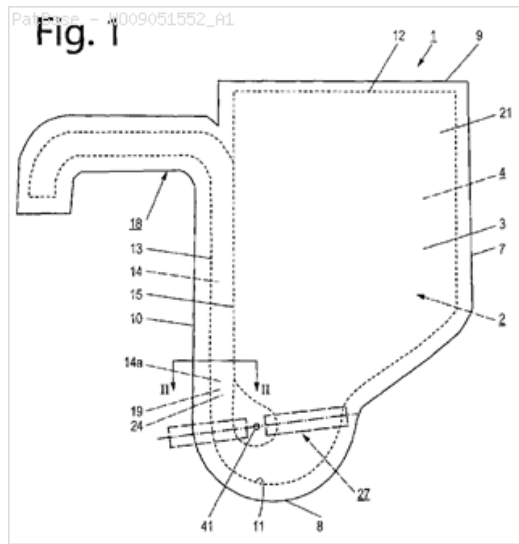
B31B19/64 (Advanced/Non-invention);

B31B19/00 B65D75/52 (Core/Invention);

B31B19/00 (Core/Non-invention)

CPC: B65D75/5866 B31B70/84 B31B70/64

European: B31B19/64 B65D75/58G1



Family:

Publication number	Publication date	Application number	Application date
SE200702313 A	20090417	SE20070002313	20071016
SE200702313 L	20090417	SE20070002313	20071016
WO09051552 A1	20090423	WO2008SE51161	20081013

Priority:

SE20070002313 20071016

Probable Assignee: ASEPT INT AB

Assignee(s): (std): ASEPT INT AB ; DRENNOW STEN

Assignee(s): ASEPT INTERNATIONAL AB

Inventor(s): (std): DRENNOW STEN

Inventor(s): STEN DRENNOW

Agent(s): ZACCO SWEDEN AB

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MW MX MY MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

14) Family number: 48235585 (US2012181284A)

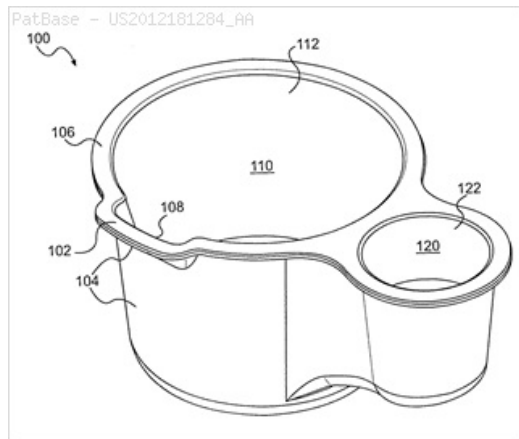
© PatBase

Title: INSTANT SELF-HEATING CONTAINERS

Abstract: Instant self-heating containers include a combinable reactant and activator used to generate an exothermic reaction for heating contents of the container. One instant self-heating container includes a target container, a pierceable activator container and a reaction chamber. Piercing the activator container causes activator to combine with the reactant and cause an exothermic reaction that heats the target container. The container may be used as depilatory wax dispenser. Another instant self-heating container includes an outer housing containing a contents pouch and a reactant, and capped by a lid having an activator chamber. Rupturing the activator chamber allows activator to combine with the reactant in an exothermic reaction to heat the contents pouch. Another instant self-heating container includes a flexible outer tube containing contents to be heated, a flexible reaction vessel, and a frangible activator vessel. Bending the outer tube causes the activator vessel to rupture and cause an exothermic reaction.

Classifications:

International (IPC 8-9): A45D26/00 A45D40/26 A47J36/24 A47J36/28 A61K8/92 A61Q9/04 B65D25/04 B65D35/38 B65D35/46 B65D81/32 B65D81/34 F24J1/00 F24V30/00 (Advanced/Invention); B65D81/34 (Advanced/Non-invention)
CPC: B65D81/3484 A45D26/0014 B65D35/46 B65D35/38 A45D40/261 A47J36/28 F24V30/00
European: A47J36/28
US: 126/262 126/263.06 126/263.08 126/263.09 206/222 220/500 401/1



Family:

Publication number	Publication date	Application number	Application date
AU2010276525 AA	20110203	AU20100276525	20100726
AU2010276525 BB	20150115	AU20100276525	20100726
AU2015201879 AA	20150430	AU20150201879	20150414
AU2015201879 BB	20160616	AU20150201879	20150414
AU2016228257 AA	20161006	AU20160228257	20160915
AU2016228257 BB	20161103	AU20160228257	20160915
CA2804267 AA	20130102	CA20102804267	20100726
CA2804267 C	20151208	CA20102804267	20100726
EP2459038 A1	20120606	EP20100804930	20100726
EP2459038 A4	20140709	EP20100804930	20100726
JP2013500216 T2	20130107	JP20120522931T	20100726
JP2015083498 A2	20150430	JP20140238748	20141126
JP2016185825 A2	20161027	JP20160100974	20160520
JP5657662 B2	20150121	JP20120522931T	20100726
JP5941521 B2	20160629	JP20140238748	20141126
JP6078679 B2	20170208	JP20160100974	20160520
US2012181284 AA	20120719	US20100387213	20100726
US2013213383 AA	20130822	US20130843619	20130315
US2014014088 AA	20140116	US20130031359	20130919
US2017153043 AA	20170601	US20160360854	20161123
US8561792 BB	20131022	US20100387213	20100726
US8955676 BB	20150217	US20130031359	20130919
US9516973 BB	20161213	US20130843619	20130315
US9879882 BB	20180130	US20160360854	20161123
WO11014449 A1	20110203	WO2010US43217	20100726

Priority:

US20090228586P	20090726	US20090228592P	20090726	AU20100276525	20100726
JP20120522931	20100726	JP20120522931T	20100726	JP20140238748	20100726
US20100387213	20100726	WO2010US43217	20100726	US20120387213	20120409
WO2010US43217	20120409	US20130843619	20130315	US20130031359	20130919
AU20150201879	20150414	JP20160100974	20160520	AU20160228257	20160915
US20160360854	20161123				

Probable Assignee: FOREVER YOUNG INT INC

Assignee(s): (std): FOREVER YOUNG INTERNATIONAL INC ; FOREVER YOUNG INT INC ; YOUNG DANIEL ; FOREVER YOUNG INTERNATIONAL INC ; YOUNG DANIEL L

Assignee(s): FOREVER YOUNG INTERNATINAL INC

Inventor(s): (std): YOUNG DANIEL L ; YOUNG DANIEL ; DANIEL YOUNG

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; SIM AND MCBURNEY; AIRD AND BERLIS IP PARTNERSHIP LTD; MICHALSKI HUETTERMANN AND PARTNER; MIYOSHI HIDEKAZU; GORDON AND REES LLP; LAURIE A; GORDON REES SCULLY MANSUKHANI LLP; TROUTMAN SANDERS LLP; GIFFORD BROOKS III ET AL

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

15) Family number: 48435483 (US2011056946A)

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Title: VENT OPENING MECHANISM

Abstract: An improved drink can is disclosed wherein the drink can has a drink opening and a vent opening which are positioned opposite from each other with respect to a central portion of a top end of a drink can. The tab is attached to the central portion and can be pulled upward to open the drink opening then pushed back downward to open the vent opening. To aid in opening the vent opening with the tab, the vent opening may have a ridge to provide additional leverage when the tab pushes downward on a score line that defines the vent opening. The tab may be enlarged so that upon breakage of the score line to the vent opening, the tab contacts the top end of the can and does not allow the user's finger to proceed into the vent opening and possibly cut the user's finger.

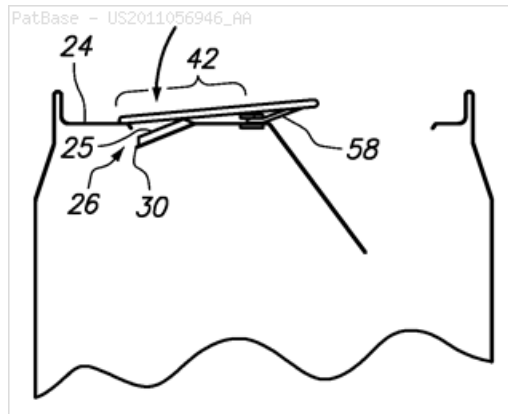
Classifications:

International (IPC 8-9): B21D51/38 B65B43/00 B65B69/00 B65D1/16 B65D17/00 B65D17/32 B65D17/34 B65D41/32 B65D47/32 (Advanced/Invention)

CPC: B21D51/383 B65D41/32 B65D2517/0014 B65D2517/0094 B65D47/32 B65D1/165 B65B69/00 B65D2517/0013 B65D17/401 B65D17/4012 B65D17/404

European: B65D17/16B2 L65D517/00Y2C L65D517/00Y8B

US: 1/1 220/271 413/17 53/492



Family:

Publication number	Publication date	Application number	Application date
US2011056946 AA	20110310	US20100859504	20100819
US2013161328 AA	20130627	US20130770950	20130219
US2013333335 AA	20131219	US20130972691	20130821
US2015251823 AA	20150910	US20150717800	20150520
US8397935 BB	20130319	US20100859504	20100819
US8573432 BB	20131105	US20130770950	20130219
US9051081 BB	20150609	US20130972691	20130821
WO11031681 A1	20110317	WO2010US48011	20100907

Priority:

US20090276373P 20090910 US20100859504 20100819 US20130770950 20130219
US20130972691 20130821 US20150717800 20150520

Probable Assignee: EMANUELE ARTHUR JOSEPH III**Assignee(s):** (std): CHURCH ROBERT CLARKE ; EMANUELE III ARTHUR JOSEPH**Assignee(s):** EMANUELE ARTHUR JOSEPH III**Inventor(s):** (std): CHURCH ROBERT CLARKE ; EMANUELE III ARTHUR JOSEPH**Agent(s):** STETINA BRUNDA GARRED AND BRUCKER

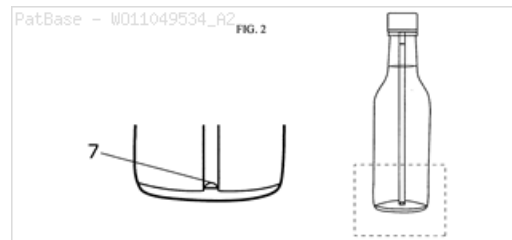
Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

16) Family number: 48789528 (WO11049534A2)

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Title: CONTAINER CONTAINING SEPARATED LIQUIDS

Abstract: A container containing various liquids, which will mix after opening. The following invention has a hollow tube (inner container) fixed to the outer container. The hollow tube contains the second liquid, which is separated from the first liquid in the outer container. When opening the container, the second liquid in the hollow tube will be dispensed and mix with the first liquid in the outer container. After removing the hollow tube, users may also consume the mixed liquid by using the hollow tube as a straw.

Classifications:**International (IPC 8-9):** B65D81/32 (Advanced/Invention)**CPC:** B65D81/3222**Family:**

Publication number	Publication date	Application number	Application date
WO11049534 A2	20110428	WO2010TH00027	20100803
WO11049534 A3	20110714	WO2010TH00027	20100803

Priority:

TH20091004701 20091020

Probable Assignee: SANGKAVATANA ROMCHAT**Assignee(s):** (std): SANGKAVATANA ROMCHAT**Inventor(s):** (std): SANGKAVATANA ROMCHAT

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

17) Family number: 49884018 (US2011266281A)

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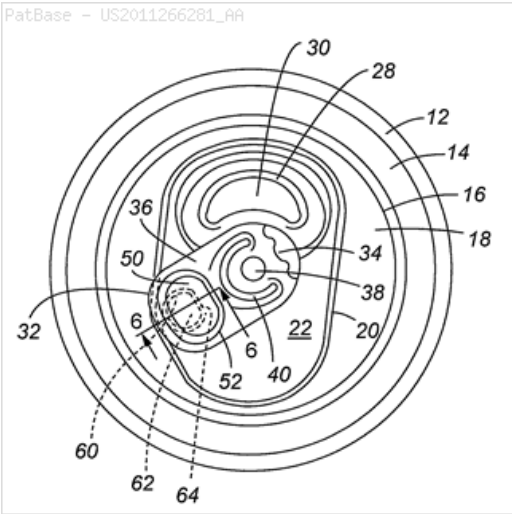
Title: BEVERAGE CONTAINER LID WITH MOUTH OPENING AND SEPARATE PUSH IN VENT

Abstract: A container lid includes a conventional main or pour opening and a vent opening spaced from the main opening. A vent score defines the shape of the vent opening, and a vent panel covers the vent opening. The vent panel has a raised convex shape. The lower surface of the tab handle includes a protruding portion, seen as a concave shaped element when viewed from above the container lid. The protruding portion of the tab handle can be aligned with the vent panel so application of a downward force on the tab handle transfers force to the vent panel and breaks the vent score. The shapes of the vent panel and concave element of the tab handle can be adjusted for selective and controlled force transfer to create the vent opening.

Classifications:

International (IPC 8-9): B65B43/38 B65D17/00 B65D17/34
B65D51/16 (Advanced/Invention);

B65D41/32 (Advanced/Non-invention)
CPC: B65D17/165 B65D41/32 B65D2517/0092 B65D17/4012
European: B65D17/16B2 L65D517/00Y8A
US: 1/1 215/370 215/902 220/231 220/254.2 220/254.3 220/254.4
220/266 220/267 220/267.1 220/268 220/270 220/271 220/906 222/478
53/492 53/492S



Family:

Publication number	Publication date	Application number	Application date
CA2834330 AA	20131025	CA20112834330	20110119
CA2834330 C	20170912	CA20112834330	20110119
US2011266281 AA	20111103	US20100769010	20100428
US2014158685 AA	20140612	US20140178356	20140212
US8678221 BB	20140325	US20100769010	20100428
US9162795 BB	20151020	US20140178356	20140212
WO11136860 A1	20111103	WO2011US21620	20110119

Priority:

US20100769010 20100428 WO2011US21620 20110119 US20140178356 20140212

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC

Assignee(s): (std): COORS BREWING CO ; CROWN PACKAGING TECHNOLOGY INC ; TOMS RAY ALAN ; THIEMANN DANIEL ALAN

Assignee(s): DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS ; COORS BREWING COMPANY

Inventor(s): (std): THIEMANN DANIEL ALAN ; TOMS RAY ALAN

Agent(s): GOWLING LAFLEUR HENDERSON LLP; GOWLING WLG CANADA LLP; BAKER AND HOSTETLER LLP; JOHNSON BRENT P

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PE PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

18) Family number: 56023829 (USD701425S)

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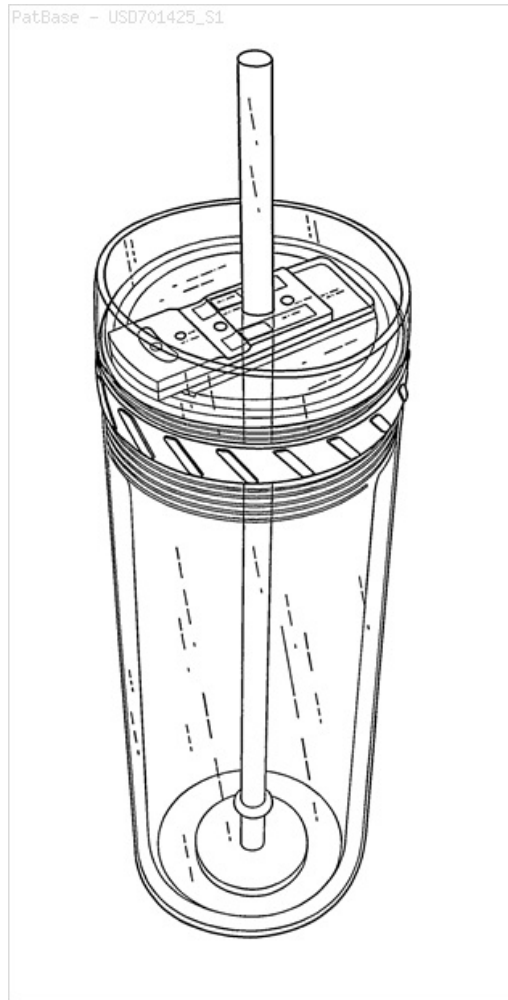
Title: MUG

Abstract: I claim the ornamental design for a mug, as shown and described.

Classifications:

US: D7/510

Locarno class: 07/01

**Family:**

Publication number	Publication date	Application number	Application date
■ USD701425 S1	20140325	US20120441123F	20121231

Priority:

US20120441123F 20121231

Probable Assignee:

PEARSON ARTHUR SCOTT

Assignee(s): (std):

PEARSON ARTHUR SCOTT

Assignee(s):

SWEDA CO LLC

Inventor(s): (std):

PEARSON ARTHUR SCOTT

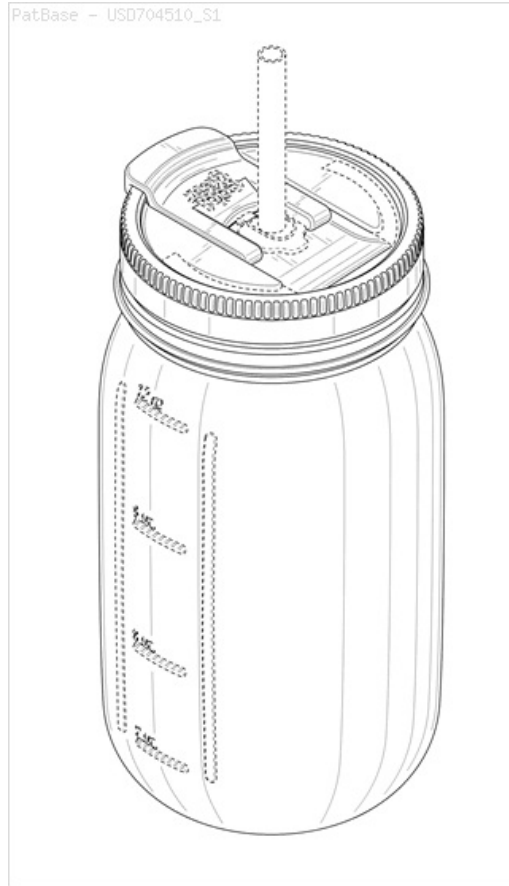
Agent(s):

CLEMENT

19) Family number: 56400795 (USD704510S)

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Title: BOTTLE**Abstract:** The ornamental design for a bottle, as shown and described.**Classifications:****US:** D7/510**Locarno class:** 07/01

**Family:**

Publication number	Publication date	Application number	Application date
■ USD704510 S1	20140513	US20120439727F	20121214

Priority:

US20120439727F 20121214

Probable Assignee: COOL GEAR INT LLC**Assignee(s):** (std): COOL GEAR INT LLC**Assignee(s):** CERBERUS BUSINESS FINANCE LLC COLLATERAL AGENT AS**Inventor(s):** (std): ROTH DONNA ; MASON JOHN**Agent(s):** STEVEN M; ADAM P; EDWARDS WILDMAN PALMER LLP**20) Family number: 56531081** (US2014144870A)

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Title: WATER BOTTLE WITH POPPET VALVE

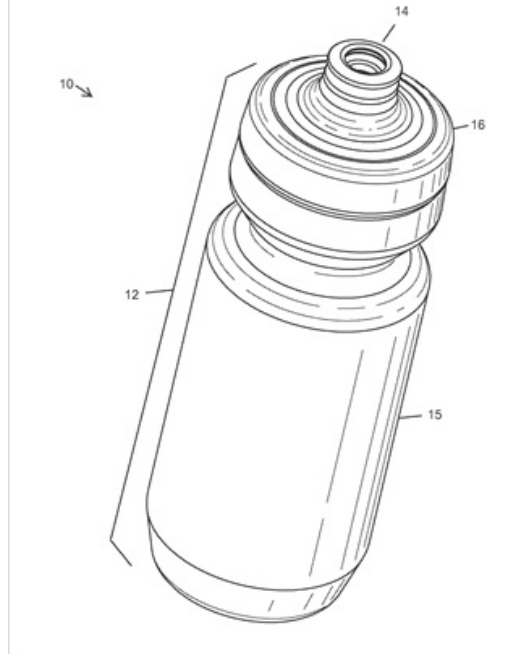
Abstract: A liquid-dispensing container includes a housing and a poppet mounted to the housing and movable along an axis between an open position and a closed position. The poppet includes a base portion comprising a relatively rigid material and an elastomeric portion comprising an elastomeric material having a tensile elastic modulus less than the elastic modulus of the rigid material. The elastomeric portion can include an outer section engaged with an outer surface of the base portion and an inner section integrally formed with the outer section and forming a self-closing valve. In one construction, the self-closing valve includes a cylindrical section having a tapered wall thickness. Preferably, the outer section includes a circumferential seal (e.g., a groove) and a circumferential clearance adjacent the circumferential seal. The outer section can further include a retention cleat having a retention surface at an acute angle relative to the axis.

Classifications:

International (IPC 8-9): A45F3/16 A45F3/18 A47G19/22 A61J11/00 B65D47/04 B65D47/06 B65D47/20 B65D47/24 (Advanced/Invention)

CPC: A47G19/2272 A61J11/002 B65D47/06 B65D47/2031 A45F3/18 B65D47/247

US: 1/1 215/387

**Family:**

Publication number	Publication date	Application number	Application date
■ CN103922022 A	20140716	CN201310757022	20131128
■ ITRM20130614 A1	20140529	IT2013RM00614	20131107
■ NL2011835 A1	20140602	NL20132011835	20131125
■ NL2011835 B1	20160715	NL20132011835	20131125
■ TW201433517 A	20140901	TW20130141944	20131118
■ TWI594928 B	20170811	TW20130141944	20131118
■ US2014144870 AA	20140529	US20120687808	20121128
■ US9060592 BB	20150623	US20120687808	20121128

Priority:

US20120687808 20121128

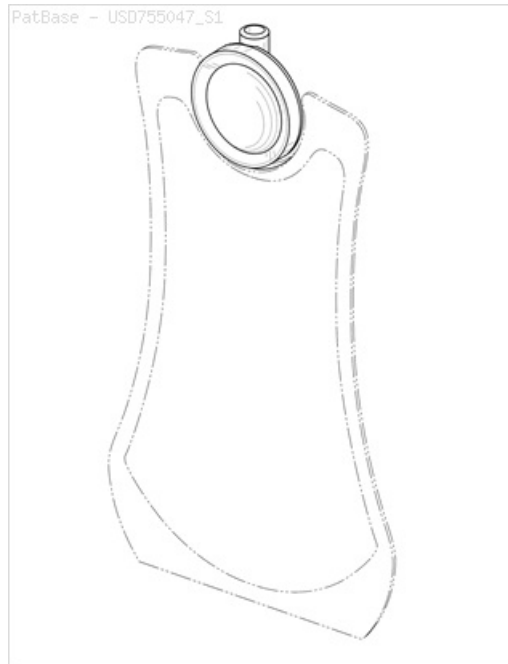
Probable Assignee: SPECIALIZED BICYCLE COMPONENTS INC**Assignee(s):** (std): SPECIALIZED BICYCLE COMPONENTS ; SPECIALIZED BICYCLE COMPONENTS INC**Inventor(s):** (std): BROSIUS MARK ; MARK BROSIUS**Agent(s):** MICHAEL BEST AND FRIEDRICH LLP**21) Family number: 57762191** (USD755047S)

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Title: PUMP FOR A CONTAINER

Abstract: Source: JP1513729S **Machine translation:** The article is provided in the upper portion discharging the contents packaging container by the pump. The portion represented by a solid line design registration to receive as partial design it is a part. In each figure represented in the surface portion the entire surface of the thin line, to identify the shape of the three-dimensional it is intended for.

Classifications:**US:** D9/448**Locarno class:** 09/07 09/05



Family:

Publication number	Publication date	Application number	Application date
■ CN302900882 S	20140806	CN201330622220F	20131213
■ IN258724 S	20141107	IN20130258724F	20131213
■ IN258725 S	20141107	IN20130258725F	20131213
■ JP1513729 S	20141215	JP20130029290F	20131213
■ JP1513730 S	20141215	JP20130029291F	20131213
■ USD727147 S1	20150421	US20130457911F	20130613
■ USD755047 S1	20160503	US20150519390F	20150304

Priority:

US20130457911F 20130613 US20150519390F 20150304

Probable Assignee: MEADWESTVACO CALMAR NETHERLANDS BV

Assignee(s): (std): MEADWESTVACO CALMAR NETHERLANDS BV

Assignee(s): WESTROCK DISPENSING SYSTEMS R AND D NETHERLANDS R AND D BV

Inventor(s): (std): BOES ERWIN ; HAN DE MAN EELCO ; KOSTER STEFAN

Agent(s): MEADWESTVACO INTELLECTUAL PROPERTY GROUP; WESTROCK INTELLECTUAL PROPERTY GROUP

22) Family number: 57415484 (US2014263333A)

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Title: VENTED BEVERAGE CAN AND CAN END

Abstract: A beverage can end has a vent that includes a button. The vent is actuated by downward force of a pull tab that is transmitted to the vent score through the button.

Classifications:

International (IPC 8-9): B21D51/44 B65D17/00 B65D17/32

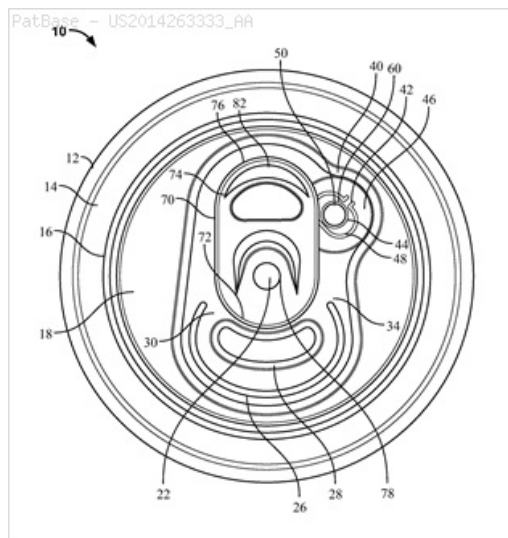
B65D51/16 (Advanced/Invention);

B65D17/00 B65D17/32 (Core/Invention)

CPC: B65D51/1683 B65D51/1672 B65D2517/0014 B65D2517/0062

B65D2517/0082 B65D2517/0094 B65D17/4012

US: 1/1 220/271



Family:

Publication number	Publication date	Application number	Application date
BR112015023167 A2	20170718	BR20151123167	20140310
CA2905292 AA	20150910	CA20142905292	20140310
CN105473455 A	20160406	CN201480028150	20140310
EP2969794 A1	20160120	EP20140719891	20140310
JP2016518984 T2	20160630	JP20160500987T	20140310
MX2015012259 A1	20151201	MX20150012259	20140310
TH158320 A	20161129	TH20151005228	20140310
US2014263333 AA	20140918	US20130075622	20131108
US9403628 BB	20160802	US20130075622	20131108
WO14159208 A1	20141002	WO2014US22524	20140310

Priority:

US20130782316P 20130314 US20130075622 20131108 WO2014US22524 20140310

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC

Assignee(s): (std): CROWN PACKAGING TECH INC ; CROWN PACKAGING TECHNOLOGY INC

Assignee(s): DEUTSCHE BANK NEW YORK BRANCH COLLATERAL AGENT AG AS ; DOSHI VIVEK ; FIELDS BRIAN ; KEANE BRENDAN

Inventor(s): (std): BRENDAN KEANE ; BRIAN FIELDS ; DOSHI VIVEK ; FIELDS BRIAN ; KEANE BRENDA ; KEANE BRENDAN ; VIVEK DOSHI

Inventor(s): BRENDA KEANE

Agent(s): GOWLING LAFLEUR HENDERSON LLP; LIND ROBERT; INO SARI; NISHIJIMA TAKAKI; MATSUSHITA MITSURU; KURASAWA ICHIRO; DESHIMARU TAKESHI; BAKER AND HOSTETLER LLP; FULLMER HAROLD H

Designated states: AE AG AL AM AO AT AU AZ BA BB BE BF BG BH BJ BN BR BW BY BZ CA CF CG CH CI CL CM CN CO CR CU CY CZ DE DK DM DO DZ EC EE EG ES FI FR GA GB GD GE GH GM GN GQ GR GT GW HN HR HU ID IE IL IN IR IS IT JP KE KG KM KN KP KR KZ LA LC LI LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM PA PE PG PH PL PT QA RO RS RU RW SA SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TH TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

23) Family number: 60394787 (US2015264943A)

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Title: FLAVOR DISPENSING SYSTEMS

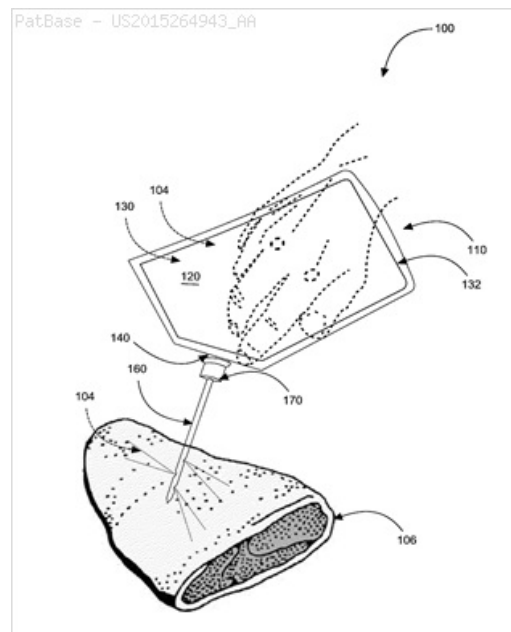
Abstract: An apparatus for marinating foods; the flavor dispensing system is used to improve the ease, convenience and reliability of dispensing flavorings into comestibles. The device is a flexible container with marinade or other fluid stored within the flexible container, and a dispensing needle suitable for injection dispensing. The container assembly serves to safely store the dispensing needle within the confines of the flexible container during non-use periods. The flexible container is able to be sealed to promote content longevity in store-shelf life.

Classifications:

International (IPC 8-9): A22C17/00 A22C9/00 A23L1/22 A23L1/318 A23L13/70 A23L27/00 A47J43/16 (Advanced/Invention)

CPC: A47J43/16 A23V2002/00 A22C17/0053 A22C9/001 A23L1/22008 A23L1/3182 A23L13/72 A23L27/70

US: 1/1 206/232 426/281 99/532 99/533

**Family:**

Publication number	Publication date	Application number	Application date
US2015264943 AA	20150924	US20150594132	20150111
US2015264967 AA	20150924	US20150594133	20150111
US9462815 BB	20161011	US20150594132	20150111

Priority:

US20140955799P 20140320 US20150594132 20150111 US20150594133 20150111

Probable Assignee: ADAMS REX

Assignee(s): (std):	ADAMS REX ; WOLD EDWIN
Inventor(s): (std):	ADAMS REX ; WOLD EDWIN
Agent(s):	INTEGRITY PATENT GROUP PLC; EDWIN