

11 Documents

Publication numbers	Title	Current assignees
FI--62505 B	KAPSYL Foer BEHAOLLARE SPECIELLT KRYDDBURK	LUOPLAST
PL2014410327 A1	Closure for a bottle or another container	VIKI PLAST SPOLKA AKCYJNA
GB9601102 D0	Plastic dispensing lid for a drinkable water jar	ZHONGFU PLASTIC BOTTLE
IT8321096 D0	NEW CAPSULE FOR the HERMETIC STOPPING OF CONTAINERS	FRANCAISE DE RAFFINAGE
US4066180 A	Frangible cap for bottles	SANCHEZ ALEJANDRO C
PT--65127 A	Tear open bottle cap	AMERICAN FLANGE & MANUFACTURING
FR1122373 A	Bottle stopping device	WILLIAM JACQUES HERTER
US2002195 A	Scarf pin and holder	CHARLES L TROUT
CO7530061A1 A1	Sistema de dispensación de líquidos	C I DISEÑOS & SIST S
DE102012111738 A1	Container closure for upside down dispensing	BERICAP HOLDING
US20020195415 A1	Bottle cap	PORTOLA PACKAGING, ...

**KAPSYL Foer BEHAOLLARE SPECIELLT KRYDDBURK
FI--62505 B**

<u>Current assignees</u> LUPOPLAST*	<u>IPC - International classification</u> B65D-041/34* B65D-041/48
<u>Inventors</u> LINKIOE PEKKA ANTERO	
<u>Priority data including date</u> 1981FI-0004050 1981-12-16	

<u>Family</u>				
FI62505	B	1982-09-30	FI62505	C 1983-01-10

Closure for a bottle or another container PL2014410327 A1

Current assignees

VIKI PLAST SPOLKA AKCYJNA*

Inventors

KRASKA WLADYSLAW

Priority data including date

2014PL-0410327 2014-12-01

IPC - International classification

B65D-041/04	B65D-041/28	B65D-041/32*
B65D-041/48*	B65D-047/36	B65D-053/02

CPC - Cooperative classification

B65D-041/04/35	B65D-041/48*	B65D-047/36
B65D-053/02		

Family

[PL410327](#)

A1 2016-06-06

[PL226053](#)

B1 2017-06-30

[EP3028955](#)

A1 2016-06-08

(EP3028955)

A plastic closure for a bottle (13) or another container comprises a cylindrical cap (1) provided with a breakable strap holder (5) located on a lateral wall (6) of the cap, and an inwardly directed cylindrical adapter (3) and a cylindrical hollow plug (2), both coaxially formed in the centre of the cap and frangibly connected one to another. The cap (1) has, at its inner side, a rounded circumferential protrusion (7) located on said lateral wall (6), as well as a protruding elastic gasket (9), resting on the base (12) of the cap (1), in its corner edge (12'), provided with at least one resilient lip (10, 11) directed obliquely towards the cylindrical adapter (3).

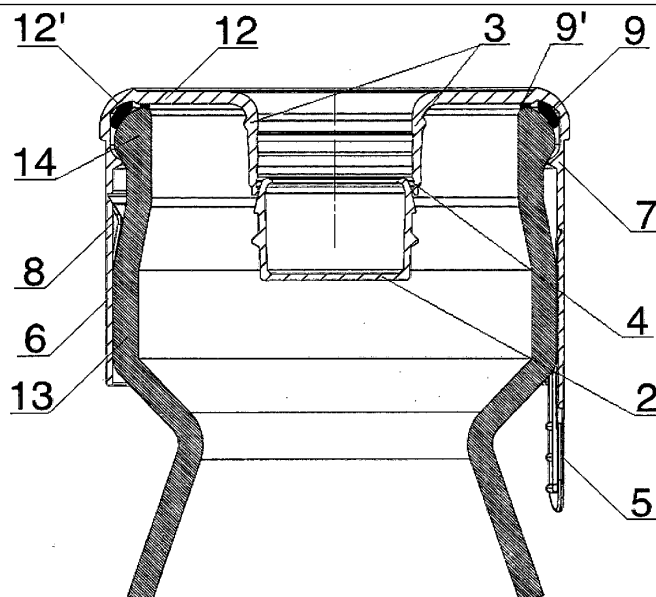


Fig. 5

Plastic dispensing lid for a drinkable water jar GB9601102 D0

Current assignees

ZHONGFU INDUSTRY
ZHONGFU PLASTIC BOTTLE*

Inventors

ZHANG HUA FU

Priority data including date

1995CN-U236131 1995-01-19

IPC - International classification

B65D-041/48* B65D-047/08 B65D-047/36
B67D-003/00

CPC - Cooperative classification

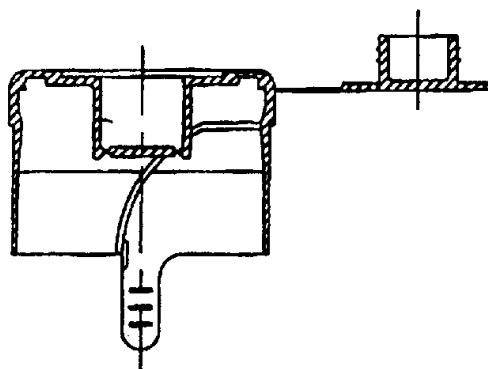
B65D-041/48/5 B65D-047/08/42 B65D-047/36
B67D-003/00/32*

Family

GB9601102	D0	1996-03-20	CN2240500	Y	1996-11-20
GB2297081	A	1996-07-24	JP3031206	U	1996-11-22
KR960027079	U	1996-08-17			

(GB2297081)

A plastic lid for a drinkable water jar comprises a lid body 1, an outlet 2, an outlet seal member 3 and an outlet plug 4. Said lid body 1, outlet 2, outlet seal member 3 and outlet plug 4 are integrally formed by a one piece moulding. A circular recess is formed on the upper part of the interior of said lid body, the width of said circular recess just fits the mouth of a water jar of large volume, enabling said lid to clip on the mouth of the water jar and preventing water in the jar from escaping. When water is required from the jar, the plug 4 is removed from the outlet and the jar turned upside down and placed onto a drinking device. An inlet tube in the drinking device breaks the outlet seal member 3 and allows water to enter the said device, now ready for dispensing. The advantages of the present invention are lower cost of production, easyness for the producer to clean and a tight seal water with the jar, ensuring thorough sterilization of said outlet.



NEW CAPSULE FOR the HERMETIC STOPPING OF CONTAINERS IT8321096 D0

Current assignees

FRANCAISE DE RAFFINAGE*

Inventors

LABAIG JEAN-JACQUES

MARTINEZ CHRISTIAN

SIARD MICHEL

Priority data including date

1982FR-0008908 1982-05-21

IPC - International classification

B65D-077/20*

CPC - Cooperative classification

B65D-041/02*

B65D-077/20/24

B65D-2577/205

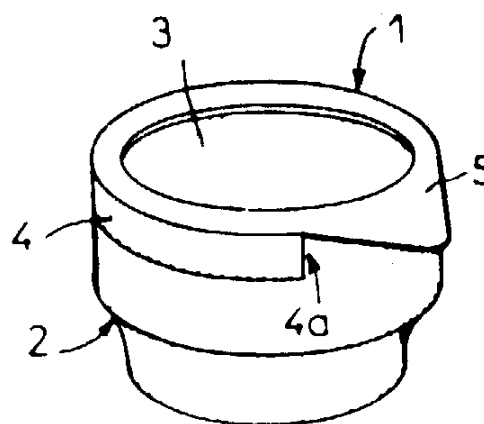
Family

IT8321096	D0	1983-05-13	FR2527175	A1	1983-11-25
DK227583	D0	1983-05-20	GB2120643	A	1983-12-07
GB8313719	D0	1983-06-22	NL8301770	A	1983-12-16
DE8314738	U1	1983-09-01	ES279985	U	1984-11-16
BE896783	A	1983-11-21	ES279985	Y	1985-06-01
DK227583	A	1983-11-22	IT1169413	B	1987-05-27

(FR2527175)

A cap for sealing containers comprises a bottom part 3, intended to adhere to the lips of the container opening, and a skirt 4 adjoining the bottom part and designed to adhere to the neck or body 2 of the container. The skirt 4 extends along only some of the periphery of the bottom part and, along the remainder of this periphery, the bottom part is adjoined by a gripping appendage 5 which projects laterally and can be turned down towards the neck or body of the container without adhering thereto. The gripping appendage may have a skirt portion (13) extending without interruption from or separated by notches (14) from the skirt. <IMAGE>

(From GB2120643 A)



Frangible cap for bottles US4066180 A

Current assignees

SANCHEZ ALEJANDRO C

Inventors

SANCHEZ ALEJANDRO C

Priority data including date

1976US-05748747 1976-12-09

IPC - International classification

B65D-041/52*

CPC - Cooperative classification

B65D-041/52*

PCL - US patent classification

PCLO: 215254000*

PCLX: 215317000

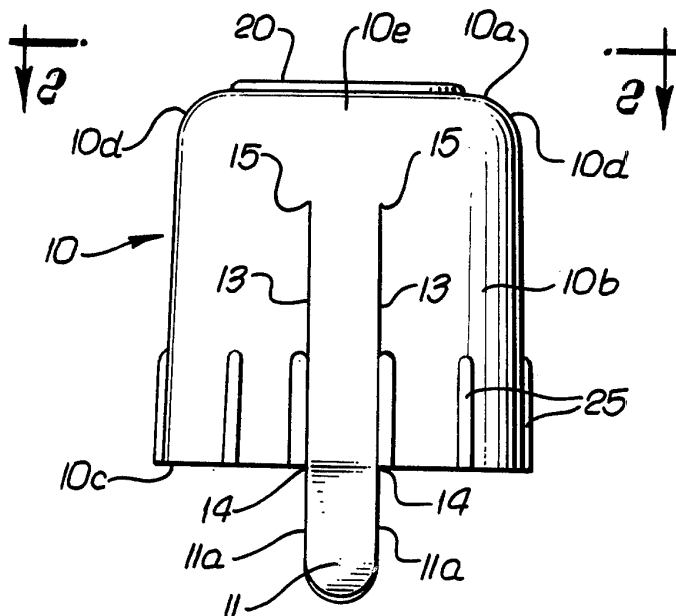
Family[US4066180](#)

A 1978-01-03

(US4066180)

A frangible sealing cap for a bottle neck comprises:

A. A PLASTIC CUP HAVING A TOP COVER AND A DEPENDING ANNULAR SKIRT, THE COVER AND SKIRT HAVING THIN WALLS, THE SKIRT BEING FREE OF ANNULARLY OUTWARD BULGE STRUCTURE, B.A PLASTIC PULL TAB INTEGRAL WITH THE SKIRT AND DEPENDING TO A LEVEL BELOW THE LOWERMOST LEVEL OF THE SKIRT, AND C.THERE BEING TWO WEAKENING SCORE LINES EXTENDING INTO, BUT INCOMPLETELY THROUGH THE SKIRT FROM THE OUTER SURFACE THEREOF, SAID LINES EXTENDING UPWARDLY TOWARD THE TOP COVER FROM POINTS PROXIMATE THE JUNCTURES OF THE SKIRT WITH OPPOSITE EDGES OF THE TAB.



Tear open bottle cap PT--65127 A

Current assignees

AMERICAN FLANGE & MANUFACTURING*
AMERICAN FLANGE & YOUR MANIFU ACTIVATOR
RING WHENEVER LETHE

Inventors

MOLLER THOMAS G

Priority data including date

1975US-05581881 1975-05-29
1976US-05667266 1976-03-15

IPC - International classification

B65D-041/32* B65D-041/34 B65D-041/42*

CPC - Cooperative classification

B65D-041/42*

PCL - US patent classification

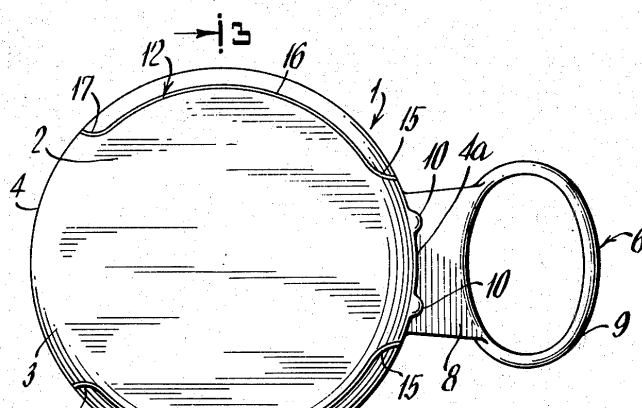
PCLO: 215254000* 215254000*

Family

PT65127	A	1976-06-01	PH12407	A	1979-02-07
US3974931	A	1976-08-17	CH608999	A5	1979-02-15
BE842094	A	1976-09-16	GB1549348	A	1979-08-08
IE43227	L	1976-11-29	AU508259	B2	1980-03-13
NO761831	A	1976-11-30	CA1078780	A	1980-06-03
DK234776	A	1976-11-30	IE43227	B1	1981-01-14
SE7605935	L	1976-11-30	SE417417	B	1981-03-16
FI761286	A	1976-11-30	MX3692	E	1981-04-29
NL7605331	A	1976-12-01	JPS5659548	U	1981-05-21
DE2623889	A1	1976-12-02	EG13539	A	1981-12-31
FR2312417	A1	1976-12-24	ATA390776	A	1982-04-15
BR7603497	A	1977-01-04	YU131176	A	1982-06-30
US4003488	A	1977-01-18	AT368975	B	1982-11-25
AR208600	A1	1977-02-15	FI64109	B	1983-06-30
ZA7602726	B	1977-04-27	FI64109	C	1983-10-10
ES448325	A1	1977-07-16	DK146619	B	1983-11-21
IN142874	B	1977-09-03	NO151782	B	1985-02-25
PT65127	B	1977-10-11	IT1069284	B	1985-03-25
JPS52125084	A	1977-10-20	JPS6030195	Y2	1985-09-11
AU1373876	A	1977-11-10	JPS6293046	U	1987-06-13
NZ180788	A	1978-03-06	DE2623889	C2	1990-05-31
GR60313	B	1978-05-08	JPH0676085	U	1994-10-25
FR2312417	B1	1978-11-17			

(US4003488)

A tear open bottle cap formed of lightweight sheet metal having a circular top panel surrounded by a cylindrical skirt connected thereto by a radiused juncture portion. An integrally formed pull member extends away from the skirt edge with a score line commencing at either side of the pull member extending upwardly across the cap skirt. The score



lines diverge outwardly away from each other within the radiused juncture portion and continue part way about the periphery of the cap top panel in a circular path. The terminal portions of the score lines extend outwardly into the cap skirt at spaced positions opposite the pull member. An annular sealing gasket is disposed within said cap top so as to lie just radially inwardly of the circular scoring.

Bottle stopping device FR1122373 A

Current assignees

WILLIAM JACQUES HERTER

Inventors

JACQUES HERTER WILLIAM

Priority data including date

1956US-03571515 1956-03-14

IPC - International classification

B65D-039/08* B65D-041/18 B65D-041/48

CPC - Cooperative classification

B65D-039/08 B65D-041/18* B65D-041/48

Y10S-215/01 Y10S-215/901

PCL - US patent classification**PCLO:** 215043000***PCLX:** 215250000 215321000 215901000

215DIG001

Family[FR1122373](#)

A 1956-09-05

[US2886198](#)

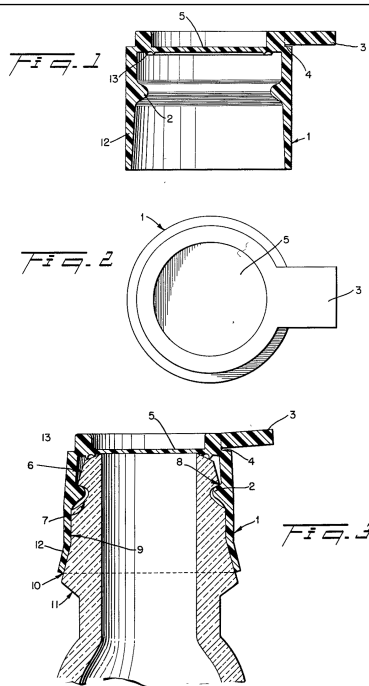
A 1959-05-12

[DE1033065](#)

B 1958-06-26

[FR70924](#)

E 1959-09-30



Scarf pin and holder

US2002195 A

Current assignees

CHARLES L TROUT

Inventors

TROUT CHARLES L

Priority data including date

1934US-01748799 1934-10-18

IPC - International classification

A44B-006/00*

CPC - Cooperative classification

A44B-006/00* Y10S-029/067 Y10T-024/1962

Y10T-024/312 Y10T-024/346

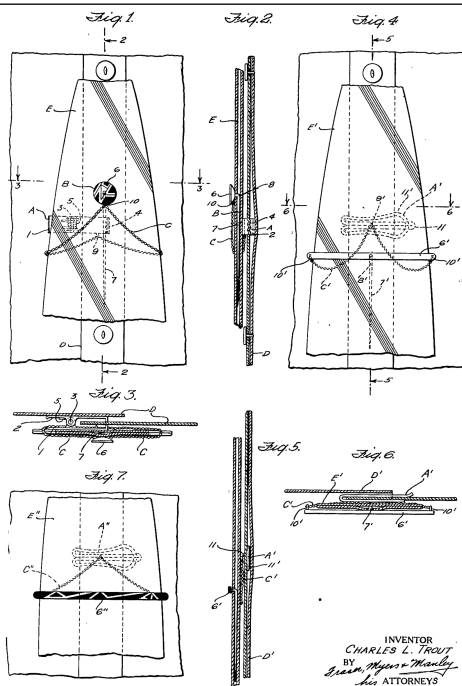
PCL - US patent classification

PCLO: 024066200*

PCLX: 024299000 024351000 029DIG067

Family[US2002195](#)

A 1935-05-21



Sistema de dispensación de líquidos CO7530061A1 A1

<u>Current assignees</u> C I DISEÑOS & SIST S* <u>Inventors</u> LOPEZ VESGA SANTIAGO <u>Priority data including date</u> 2014CO-0189948 2014-08-28	<u>IPC - International classification</u> B65D-041/32 B65D-041/48*
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<u>Family</u> CO7530061 A1 2016-02-29
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(CO7530061A1)

La presente invención es un sistema de intercambio de líquido y gas que está compuesta por un cuerpo en forma de casquete cilíndrico con una recámara de forma rectangular y una manija dosificadora de compuerta. La parte central o interna del cuerpo tiene un cilindro dividido en dos partes, al que se ensambla la cámara reguladora de aire. En el fondo del cilindro hay un orificio que regula la entrada del aire. Cuando la manija se hala, el orificio queda abierto, con una apertura específica. Este orificio es en donde se inserta el punzón de los dispensadores de agua fría y caliente. La presente invención puede ser utilizada también como un tapón cooler. La efectividad de esta funcionalidad se garantiza ya que esta invención consta de un empaque, ubicado en la parte interna superior del cuerpo.

Container closure for upside down dispensing DE102012111738 A1

<u>Current assignees</u> BERICAP HOLDING*	<u>IPC - International classification</u> B65D-047/36 B67D-003/00*
<u>Inventors</u> KRAUTKRÄMER GÜNTER	<u>CPC - Cooperative classification</u> B65D-047/36 B65D-051/18/5 B65D-051/24/5 B65D-2251/0031 B65D-2251/0056 B65D-2251/0075 B67D-003/00/32*
<u>Priority data including date</u> 2012DE-10111738 2012-12-03 2013WO-EP74625 2013-11-25	

<u>Family</u>			
DE102012111738	A1	2014-06-05	BR112015012034 A1 2016-08-02
WO2014086612	A1	2014-06-12	EP2925666 B1 2016-09-28
CN104822620	A	2015-08-05	RU2015126545 A 2017-01-12
EP2925666	A1	2015-10-07	PL2925666 T3 2017-01-31
CN104822620	B	2016-04-06	BR112015012034 A2 2017-07-11

(EP2925666)

The invention relates to a container closure for overhead draining, which comprises a closing cap (1) for placing onto a container neck, wherein the closing cap has an approximately cylindrical cap jacket (2) and a circular-disk-shaped head plate (3), which has a central opening (4), from which an inwardly directed pipe stub (5) extends, in which a closing plug (6) is latched, wherein the closing plug (6) also can be brought into latching engagement with a drain pipe and can be moved into the container interior. In order to create a corresponding container closure which, after the first use, cannot be readily brought back into the seemingly same state which the container closure was in before the first use, even if a corresponding label is adhesively bonded to the head plate again, according to the invention a sealing disk (7), which is fixed on the pipe stub (5) and has a sealing membrane (8) that can be torn out, is provided in the pipe stub (5) above the plug (6).

Bottle cap US20020195415 A1

<u>Current assignees</u> PORTOLA ALLIED TOOL PORTOLA PACKAGING <u>Inventors</u> KIM SUNGSUK S LUCH DANIEL <u>Priority data including date</u> 2001US-09893181 2001-06-26 2001US-09970534 2001-10-03 2002WO-US19425 2002-06-17 2003US-10742416 2003-12-19	<u>IPC - International classification</u> B65D-041/32* B65D-041/34* B65D-041/48 B65D-053/00 <u>CPC - Cooperative classification</u> B65D-041/48* B65D-2101/0053 B65D-2251/205 <u>PCL - US patent classification</u> PCLO: 215254000* 215254000* 215254000* PCLX: 215253000 215341000 220266000 220270000
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Family					
US2002195415	A1	2002-12-26	MXPA03011870	A	2004-03-26
US2002195414	A1	2002-12-26	CN1518516	A	2004-08-04
WO03002421	A1	2003-01-09	US2004173563	A1	2004-09-09
CA2449494	A1	2003-01-09	EP1399368	A4	2006-05-24
US6681947	B2	2004-01-27	CN1289359	C	2006-12-13
EP1399368	A1	2004-03-24	US7281636	B2	2007-10-16

(EP1399368)

A bottle cap (30) may include an improved sealing bead (46) configured to engage a container crown proximal the maximum diameter thereof. The bottle cap may include an improved tear tab (52) including a line of weakness (48, 49) extending along a skirt (32) upward from a bottom edge (36) of the bottle cap and onto a top (31) of the bottle cap. The bottle cap may include a liner retainer (34).