

Search history

Search 1: STAC=(bottle and closure and first and (use or oppening)) and PD<20150211 and IC=(B65D) (Results 841)

Search 2: STAC=(bottle and closure and first and (use or oppening) and band and pourer) and PD<20150211 and IC=(B65D) (Results 2)

Search 3: STAC=(bottle and closure and first and (use or oppening) and pourer) and PD<20150211 and IC=(B65D) (Results 16)

Title: **CLOSURE** DEVICE FOR **BOTTLES** WITH EVIDENCE OF **FIRST** OPENING

Abstract: The present invention relates to a **closure** device for **bottles** with evidence of **first** opening where before the **first** opening the **closure** shows a capsular with a perimetral line, and after the **first** opening, a separation line visually evidencing said **first** opening now appears where the perimetral line was previously located.

Classifications:

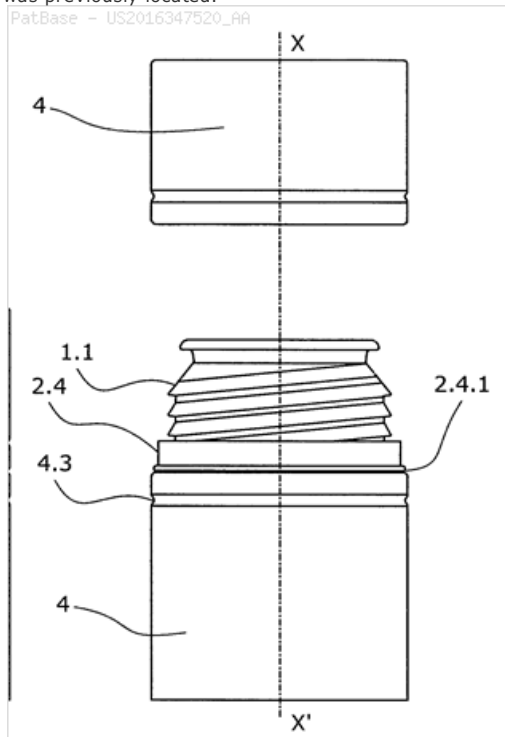
International (IPC 8-9): B65D47/12 B65D49/02

B65D55/02 (Advanced/Invention)

CPC: B65D2101/0023 B65D55/026 B65D47/123 B65D49/02

B65D2101/00

US: 215/258



Family:

Publication number	Publication date	Application number	Application date
BR112016000134 A2	20170725	BR20161100134	20140704
CO16024069 A2	20160510	CO20160024069	20160203
CO7600661 A2	20160510	CO20160024069	20160203
DE602014011274 D1	20170817	DE201460011274T	20140704
DOP2016000002 A	20160331	DO20160000002	20160105
EA029468 B1	20180330	EA20160090169	20140704
EA201690169 A1	20160630	EA20160090169	20140704
EP2821350 A1	20150107	EP20130382276	20130705
EP3016878 A1	20160511	EP20140735962	20140704
EP3016878 B1	20170628	EP20140735962	20140704
ES2634904 T3	20170929	ES20140735962T	20140704
IN201617003942 A	20160722	IN201617003942	20160204
MX2016000053 A1	20160309	MX20160000053	20140704
PH2016500033 A	20160328	PH20160500033	20160105
TR201710923 T4	20170821	TR20170010923T	20140704
US2016347520 AA	20161201	US20140902949	20140704
WO15001084 A1	20150108	WO2014EP64321	20140704

Priority:

EP20130382276 20130705 EP20140735962 20140704 WO2014EP64321 20140704

Probable Assignee: COMPANIA DE TAPONES IRRELLENABLES SA

Assignee(s): (std): CIA DE TAPONES IRRELLENABLES S A ; COMPANIA DE TAPONES IRRELLENABLES S A ; TAPONES IRRELLENABLES

Assignee(s): COMPANIA DE TAPONES IRRELLENABLES SA ; CIA DE TAPONES IRRELLENABLES SA

Inventor(s): (std): DAVID TORRENT ORTEGA ; ORTEGA DAVID TORRENT ; TORRENT ORTEGA DAVID

Agent(s): ANDREA TOBOS MATEUS; ABG PATENTES SL; ARIAS JUAN; ERKAN SEVINC; CALVO RAMON PABLO

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

Title: VALVE ON A **POURER** REGULATING DISCHARGE FROM A **BOTTLE**

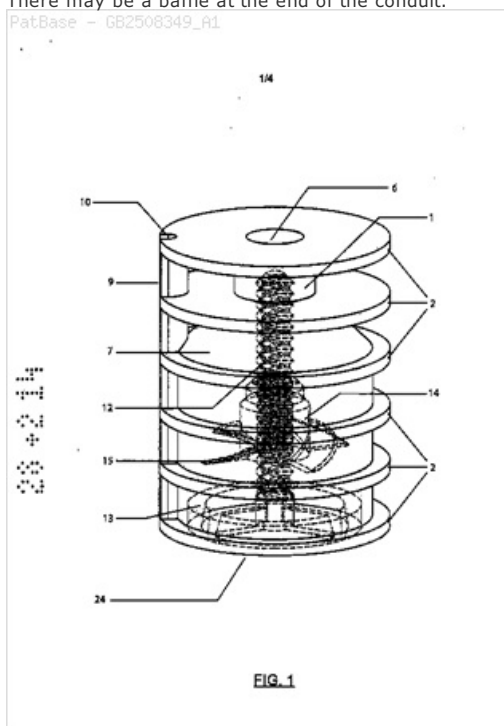
Abstract: A **pourer** has radial sealing flanges 2 through which a conduit 6 and air vent 10 pass; a chamber 5 in the conduit has an annular valve seat 7 against which a hub 14 seals. The hub is mounted on a threaded shaft 12 and vanes 15 of a turbine cause relative rotation between shaft 12 and hub 14, moving the hub towards the valve seat, in response to liquid flowing through the turbine. One or two revolutions could be sufficient to close the valve. The turbine may have two or four inclined rotationally symmetric blades. The vent may be formed in the threaded shaft. The conduit and vent can be entirely contained between the sealing flanges or extend out from either end. There may be a baffle at the end of the conduit.

Classifications:

International (IPC 8-9): B65D47/32 (Advanced/Invention)

CPC: B65D47/32 B65D47/043

PatBase - GB2508349_A1



Family:

Publication number	Publication date	Application number	Application date
GB201221391 A0	20130109	GB20120021391	20121128
GB2508349 A1	20140604	GB20120021391	20121128

Priority:

GB20120021391 20121128

Probable Assignee: DISRUPTIVE DOSING LTD

Assignee(s): (std): DISRUPTIVE DOSING LTD

Assignee(s): DISRUPTIVE DOSING LIMITED

Inventor(s): (std): ROBINSON ADAM MICHAEL ; SLEVIN PETER JOSEPH

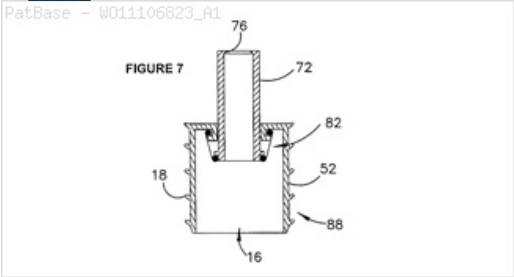
Inventor(s): ADAM MICHAEL ROBINSON ; PETER JOSEPH SLEVIN

Title: DISPENSER AND/OR CLOSURE

Abstract: A spill proof **pourer** is described having an annular body portion for insertion into the neck of a container, most suitably, a wine **bottle**, to form an inner insert for contact with the wine when pouring wine from the wine **bottle**. The insert extends beyond the top of the wine **bottle** so as to provide a lip or similar at the extreme distal or free end for contact by the wine when being poured from the wine **bottle** which prevents the wine from contacting the outer or end of the **bottle** where droplets can accumulate. The insert can take a variety of different forms and include a cylindrical membrane. The advantage of the spill-proof **pourer** is that leakage, wastage or spillage of the wine when being poured from the **bottle** is prevented since the insert forms a lip around the inside of the top of the **bottle**.

Classifications:

International (IPC 8-9): B65D25/42 B65D25/44 B65D39/00 B65D47/40 (Advanced/Invention)
CPC: B65D25/42 B65D25/44 B65D41/045 B65D41/0457 B65D41/0464 B65D41/62 B65D47/061
European: B65D25/42 B65D25/44 B65D41/04D2 B65D41/04D3 B65D41/04D4 B65D41/62 B65D47/06A



Family:

Publication number	Publication date	Application number	Application date
AU2011223485 AA	20110909	AU20110223485	20110222
IN08009DN2012 A	20140321	IN2012DN08009	20120913
WO11106823 A1	20110909	WO2011AU00179	20110222

Priority:

AU20100900905 20100304 AU20100902626 20100616 AU20100905471 20101213
WO2011AU00179 20110222 AU20110223485 20110222

Probable Assignee: ROBERTS RONALD

Assignee(s): (std): JASPERS NENO FRANS ; JASPERS NENO FRANS BURHOVEN ; ROBERTS RONALD ; ROBERTS RONALD A

Inventor(s): (std): JASPERS NENO FRANS BURHOVEN ; ROBERTS RONALD A

Agent(s): GRIFFITH HACK

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

Title: DEVICE FOR POURING LIQUID IN A CONTAINER

Abstract: A device for pouring liquid from a container comprising an aeration means with a downwardly extending tube having an upper section and a lower section angled with respect to the upper section.

Classifications:

International (IPC 8-9): B65D25/40 B65D47/06 B65D47/12

B65D47/20 B65D51/16 B65D51/24 B65D85/72

B67D3/00 (Advanced/Invention);

B65D47/06 B65D47/12 B65D51/16 B65D51/24 B65D85/72

B67D3/00 (Core/Invention)

CPC: B65D47/32 B01F5/0688 B01F3/04099 B01F2215/0072

B65D47/40 B65D81/2015 B65D81/2038 B65D25/40 B65D47/20

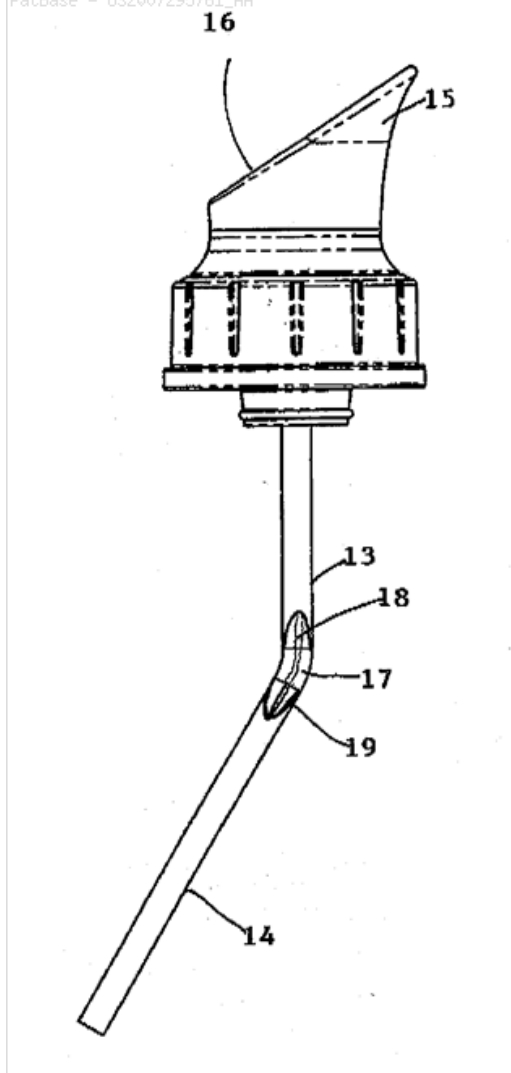
B65D47/2006 B65D47/06

European: B65D25/40 B65D47/06 B65D47/20 B65D47/20C

B65D47/32

US: 222/479

PatBase - US2007295761_AA



Family:

Publication number	Publication date	Application number	Application date
AU2006225322 AA	20070426	AU20060225322	20061010
GB200620186 A0	20061122	GB20060020186	20061012
GB2430931 A1	20070411	GB20060020186	20061012
US2007295761 AA	20071227	US20060548467	20061011

Priority:

AU20040903935 20040716

AU20050905530 20051007

AU20060225322 20061010

Probable Assignee:

ARGYLE WINE TOOLS PTY LTD

Assignee(s): (std):

ARGYLE WINE TOOLS PTY LTD

Inventor(s): (std):

SIMONS DANNY

Inventor(s):

DANNY SIMONS

Agent(s):

GRIFFITH HACK; KIRTON AND MCCONKIE

Title: **Pourer** for pouring liquids from two containers

Abstract: A **pourer** which may be used for concurrently pouring dark and white liqueurs from adjacent containers of a **bottle**. The **pourer** has a main **pourer** body with **pourer** body sections which is engagable, for example by snap fitting, with the respective container. Each **pourer** body section has a liquid passageway which extends from a liquid inlet to a pouring outlet. The liquid passageways include upstanding portions extending into the containers and separate upper bend portions leading to the outlets. The angle between the longitudinal axes of the outlets is approximately 120 DEG for concurrent pouring of the liquids to opposite sides of a glass. Separate air passageways extend from air inlet parts to air outlets. The air flow is controlled by an air pot over each outlet. The air pots are sized and positioned so that fluid does not enter the air passageways on pouring and only air is forced up the air passageways on finishing pouring.

Classifications:

International (IPC 8-9): B65D47/06 B65D47/32 B65D67/02

B65D81/32 B67C9/00 B67D3/00 B67D99/00

G01F11/26 (Advanced/Invention);

B65D81/32 B67C9/00 B67D3/00 B67D99/00

G01F11/10 (Core/Invention)

International (IPC 1-7): B65D47/06 B65D47/12 B65D47/32

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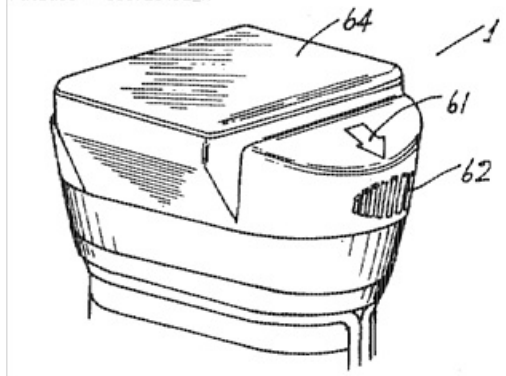
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CPC: B65D47/06 B65D67/02 B65D81/3288 G01F11/263

European: B65D47/06 B65D67/02 B65D81/32L2 G01F11/26B2

US: 222/129 222/481.5 222/485

PatBase - US5713491_A



Family:

Publication number	Publication date	Application number	Application date
AU199481144 A1	19950529	AU19940081144	19941111
AU199873970 A1	19980917	AU19980073970	19980630
CA2176235 AA	19960509	CA19942176235	19941111
CN1137257 A	19961204	CN19941094102	19941111
EP0653361 A2	19950517	EP19940650030	19941111
EP0653361 A3	19950726	EP19940650030	19941111
EP0728111 A1	19960828	EP19950900253	19941111
IE940883 A1	19950517	IE19940000883	19941111
NZ275876 A	19971219	NZ19940275876	19941111
US5713491 A	19980203	US19950522934	19950901
WO9513230 A2	19950518	WO1994IE00053	19941111
WO9513230 A3	19950914	WO1994IE00053	19941111

Priority:

IE19930000868 19931112	IE19940000113 19940208	IE19940000524 19940627
AU19940081144 19941111	IE19940000883 19941111	WO1994IE00053 19941111
US19940339685 19941114	US19950522934 19950901	

Probable Assignee: IDV OPERATIONS IRELAND LIMITED

Assignee(s): (std): HUGHES MARTIN ; IDV OPERATIONS IRELAND LIMITED ; IDV OPERATIONS IRELAND LTD ; JOY BRIAN RICHARD ; LUGG SIMON ; WRIGHT RAYMOND ; ROBERTSON PAUL

Inventor(s): (std): HUGHES MARTIN ; JOY BRIAN RICHARD ; LUGG SIMON ; ROBERTSON PAUL ; WRIGHT RAYMOND

Inventor(s): SIMON LUGG ; RAYMOND WRIGHT ; PAUL ROBERTSON ; MARTIN HUGHES ; BRIAN RICHARD JOY

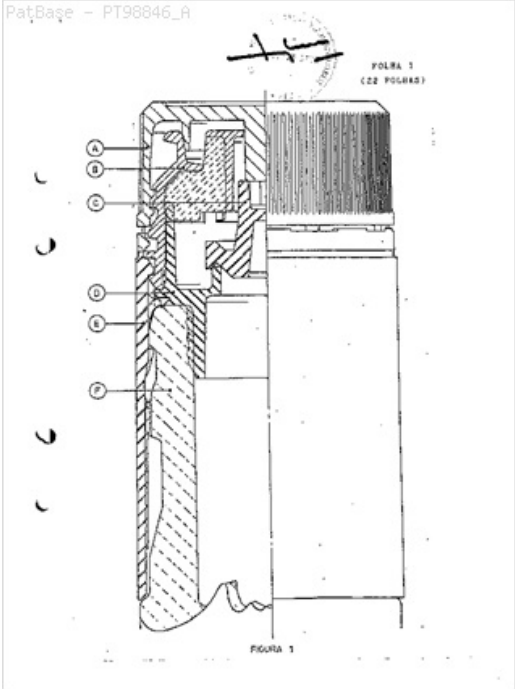
Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; CARTON JOHN K

Designated states: AM AT AU BB BE BF BG BJ BR BY CA CF CG CH CI CM CN CZ DE DK ES FI FR GA GB GE GN GR HU IE IT JP KE KG KP KR KZ LI LK LT LU LV MC MD MG ML MN MR MW NE NL NO NZ PL PT RO RU SD SE SI SK SN SZ TD TG TJ TT UA US UZ VN

Title: TAMPER-EVIDENT CLOSURE

Abstract: Stopper for bottles or similar containers, comprising a screw cap of the tamper-evident type, an outlet, a seal and a cylindrical tube and, depending on the version, a tamper-evident ring. In certain versions, the tamper-evident cap comprises at its bottom a ring linked to the body of the cap by means of small segments or bridges which break when the cap is unscrewed for the first time, the fracture of these bridges remaining visible. In another version, the tamper-evident ring is not linked to the cap and breaks into two parts when the cap is unscrewed for the first time. In yet another version, the tamper-evident ring is divided into four sections which become detached from the stopper when the cap is unscrewed for the first time. The invention also proposes a stopper of the tamper-evident and anti-refilling type comprising, in addition to the above parts, a valve whose purpose is to allow the outlet of the liquid from inside the bottle or container and to prevent the entry of liquid, which results in the stopper, in addition to its tamper-evidence, preventing any new refilling.

Classifications:
International (IPC 8-9): B65D47/02 B65D49/04 B65D49/12 B65D55/02 B67B1/06 (Advanced/Invention); B65D47/00 B65D49/00 B65D55/02 B67B1/00 (Core/Invention)
International (IPC 1-7): B65D41/00 B65D41/32 B65D41/34 B65D47/02 B65D47/06 B65D49/02 B65D49/12 B65D53/02 B65D55/02 B67B1/06
CPC: B65D49/04 B65D55/02
European: B65D49/04 B65D55/02



Family:

Publication number	Publication date	Application number	Application date
BRPI9103098 A	19920428	BR1991PI03098	19910719
ES2048039 AB	19940301	ES19910001757	19910726
ES2048039 AC	19950401	ES19910001757	19910726
ES2048039 BA	19951016	ES19910001757	19910726
FR2666307 A1	19920306	FR19910002360	19910227
GB2249303 A1	19920506	GB19910018768	19910903
GB9118768 A0	19911016	GB19910018768	19910903
ITTO910669 A0	19910903	IT1991TO00669	19910903
ITTO910669 A1	19920304	IT1991TO00669	19910903
JP7002264 A2	19950106	JP19910254824	19910904
PT98846 A	19931029	PT19910098846	19910902

Priority:

MX19900022219 19900904

Probable Assignee: GRUPO STEVI SA

Assignee(s): (std): GRUPO STEVI SA ; GRUPPO STEVI S A ; GURUPO SUTEBUI SA

Assignee(s): GRUPO STEVI SOCIEDAD ANONIMA ; GRUPO STEVI S A

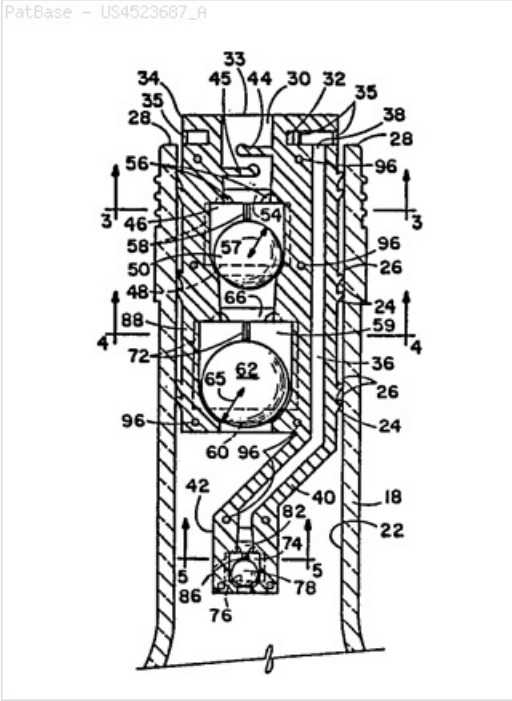
Inventor(s): (std): STETA TORRES ; STETA TORRES GUILLERMO H ; STETA TORRES H GUILLERMO ; TORRES GUILLERMO H STETA ; GIJIERUMO ACHIE SUTETA TOORESU

Inventor(s): GUILLERMO H STETA TORRES

Title: Non-refillable **pourer**

Abstract: A non-refillable pour spout, for **use** in the neck of a **bottle** to prevent introduction of liquid into the **bottle** but permit liquid already within the **bottle** to be poured from the **bottle** in any direction, includes a pair of check valves in a liquid pouring duct and a third check valve in a separate air entry conduit which extends through the pour spout alongside the liquid pouring duct. The pour spout fits within the neck of a **bottle**, where it is retained sealingly by a plurality of flexible collars extending about the circumference of the **pourer** spout. A horizontal flange extends radially about the upper end of the liquid discharge tube, a small distance above the upper end of the air entry vent conduit, to protect the air entry vent conduit against introduction of liquid and to permit liquid to be poured in any direction without spilling into the open end of the air entry conduit. A valve **closure** body in one of the check valves in the liquid pouring duct is less dense than the liquid for which the valve is intended to be used.

Classifications:
International (IPC 8-9): B65D49/00 B65D49/02 (Advanced/Invention); B65D49/00 (Core/Invention)
International (IPC 1-7): B65D49/00 B65D49/02 B65D49/06
CPC: B65D49/02
European: B65D49/02
US: 215/20 215/25



Family:

Publication number	Publication date	Application number	Application date
CA1248889 A1	19890117	CA19850493900	19851025
DE3582858 D1	19910620	DE19853582858	19851024
EP0180411 A2	19860507	EP19850307668	19851024
EP0180411 A3	19880330	EP19850307668	19851024
EP0180411 B1	19910515	EP19850307668	19851024
MX158649 A	19890222	MX19850000404	19851028
US4523687 A	19850618	US19840665762	19841029

Priority:

US19840665762 19841029 CA19850493900 19851025

Probable Assignee: SUSOL CLEMENT L 8416 27TH AVENUE NE MARYSVILLE WAS

Assignee(s): (std): HULLIHEN JOHN ; JOHN HULLIHEN

Assignee(s): INTERWEST ENTERPRISES INC A OREGON CORP ; SUSOL CLEMENT L 8416 27TH AVENUE NE MARYSVILLE WAS ; CAVINESS THEODORE D ; ECKOLS DENNIS ; HULLIHEN JOHN C O ; HULLIHEN JOHN E ; HULLIHEN JOHN HILLSBORO OREG US ; JACOY DONALD E ; INTERWEST ENTERPRISES INC ; SUSOL CLEMENT L ; MUNKERS DALE ; JACOY THOMAS ; JACOY DANIEL ; STUHRMAN MARK ; STUHRMAN THERESA ; MEYER CINDY ; NELSON BELL

Inventor(s): (std): HULLIHEN JOHN

Inventor(s): HULLIHEN JOHN HILLSBORO OREG ; JOHN HULLIHEN ; HULLIHEN JOHN HILLSBORO OREG US

Agent(s): OYEN WIGGS GREEN AND MUTALA LLP

Designated states: DE FR GB IT

Title: A CAP FOR A CONTAINER

Abstract: A cap for **use** as a **closure** of a mouth of a container, e.g. for liquids, is formed in one-piece of moulded plastic material, and has a body 1 which fits the container mouth, a handle 5 and a pouring opening 6. The opening 6 is closed by a flap 7 which is attached to the cap body by a hinge 8 which biases it into the closed position. The flap 7 is opened by means of a member 9 extending rearwardly of the hinge 8.

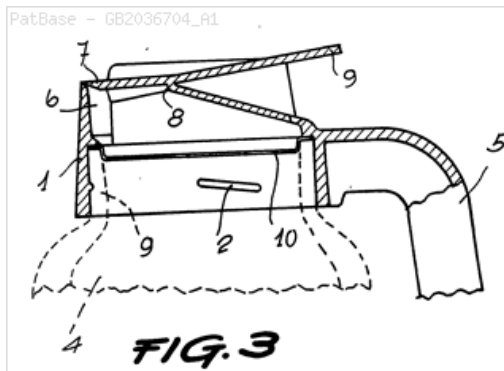
Classifications:

International (IPC 8-9): B65D23/10 B65D47/08 (Advanced/Invention); B65D23/10 B65D47/08 (Core/Invention)

International (IPC 1-7): B65D39/08 B65D47/06 B65D47/08 B65D51/04

CPC: B65D23/106 B65D47/0823 B65D2251/1075

European: B65D23/10D2 B65D47/08B2 L65D251/10F1



Family:

Publication number	Publication date	Application number	Application date
DE2947650 A1	19800612	DE19792947650	19791127
ES239823 U	19790116	ES19780239823U	19781130
ES239823 Y	19790801	ES19780239823U	19781130
FR2442779 A3	19800627	FR19790029257	19791128
FR2442779 B3	19801212	FR19790029257	19791128
GB2036704 A1	19800702	GB19790041281	19791129
IT1126431 A	19860521	IT19790027719	19791129
IT7927719 A0	19791129	IT19790027719	19791129
MX150086 A	19840313	MX19790180200	19791127
PT70522 A	19791201	PT19790070522	19791129

Priority:

ES19780239823U 19781130

Probable Assignee: INDUSTRIAS DIETETICAS Y ALIMENTICIAS PHOSCAO S A

Assignee(s): (std): DIETETICAS AND ALIMENTICIAS IND ; IND DIET ALIMENT PHOSCAO ; INDUSTRIAS DIETETICAS Y ALIMENTICIAS PHOSCAO SA ; INDUSTRIAS DIETETICAS Y ALIMENTICIAS PHOSCAO S A

Assignee(s): INDUSTRIAS DIET ALIMENT PHOSCAO ; INDUSTRIAS DIETETICAS Y ALIMENTICIAS PHOSCAO

Inventor(s): (std): FERRERO JORDI IGNACIO ; IGNACIO FERRERO JORDI ; JORDI IGNACIO FERRERO

Title: Covering cap with closable opening for **bottle** or other container

Abstract: 1,150,612. Caps for **bottles**, c. G. N. PETTERSEN. 20 Sept., 1966 [20 Sept., 1965], No. 42013/66. Heading B8T. A cap for a **bottle**, c. comprises a main body 1, Fig. 5, having a pouring opening closed by a friction-fit plug 10 hinged to the main body, the plug including a lever 9 actuated to open the **pourer**. The cap is moulded from a plastics material, and the lever 9 as shown forms a thickened part of a hinge strap 3 connecting the main body 1 and the plug 10. The top of the cap has a hollow 7a bordered by a thickened edge 13. By pushing the lever 9 down into the hollow 7a, using the edge 13 as a fulcrum, the plug 10 is withdrawn to the tilted position shown at 2¹. When the lever 9 is released, the plug 10 springs-out to the position 2¹¹. To prevent tampering, tabs 14 at each side of the pouring opening are welded to similar tabs on the plug 10; these tabs are severed on **first** opening the **pourer**. In one modification, a cap 16, Fig. 7, has a flared pouring opening extending up from the cap top 17 for **closure** by a plug 21 connected to the cap by two parallel legs 27. Each leg 27 has two weakened hinge sections 26, 28. A lever 30, having a concave edge 32 and reinforcing ridges 33, extends from the top of the plug 21. To remove the plug 21 from the pouring opening 20, either (a) the lever 30 is pushed down towards the top 17 of the cap, using the inner edge of the opening as a fulcrum and tilting the plug (22¹¹¹), Fig. 9 (not shown); or (b) a finger nail is inserted beneath the lever 30 to **use** the outer edges of the opening 20 as a fulcrum (22¹), Fig. 8 (not shown). In a further modification, the fringe sections 26, 28 are omitted, the lever (44), Fig. 13 (not shown), tapering between inwardly-inclined legs (43) and a part-circular slot (46) around the plug top leaving weakened sections adjacent the legs to permit hinging. An aluminium, c. foil (49), Fig. 14 (not shown), across the inside of the pouring opening, is pierced when the cap is initially opened.

Classifications:

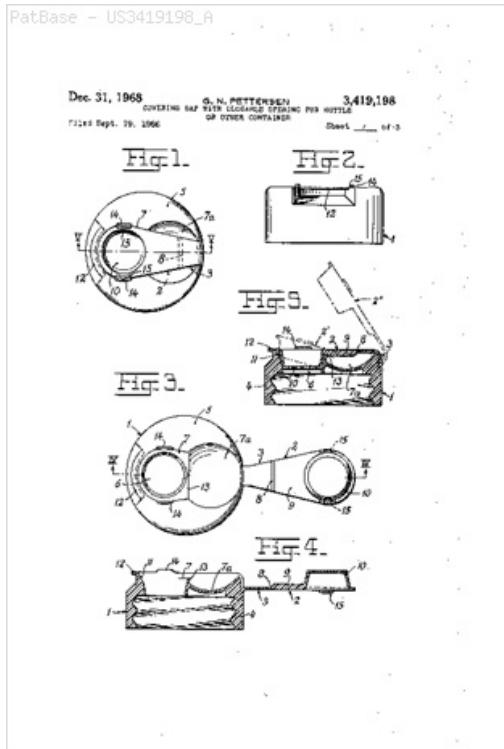
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International (IPC 1-7): B65D41/08 B65D43/26 B65D47/06 B65D47/08 B65D55/00

CPC: B65D47/141

European: B65D47/14A

US: 206/540 215/224 215/301 220/254.5 220/281 220/833 222/541 222/541.2 222/543 222/563



Family:

Publication number	Publication date	Application number	Application date
AT279397 B	19700310	AT19660008819	19660919
BE686975 A	19670301		19660916
CH460563 A	19680731	CH19660013496	19660920
DK119815 B	19710222	DK19660004826	19660919
GB1150612 A	19690430	GB19660042013	19660920
NL6613241 A	19670321	NL19660013241	19660920
SE304931 B	19681007	SE19660012647	19660920
US3419198 A	19681231	US19660580257	19660919

Priority:

NO19650159760 19650920

Probable Assignee: PETTERSEN G

Assignee(s): (std): GUNNAR NIMROD PETTERSEN ; PETTERSEN C ; PETTERSEN G ; PETTERSEN GUNNAR NIMROD

Inventor(s): (std): PETTERSEN GUNNAR NIMROD ; PETTERSEN G ; PETTERSEN C ; NIMROD PETTERSEN GUNNAR ; GUNNAR NIMROD PETTERSEN

Title: Combined pouring and sealing devices for containers

Abstract: 824,387. Container **closures**. GOTH, I. Jan. 2, 1958 [Jan. 18, 1957], No. 1960/57. Class 125(3). A combined **pourer** and **closure** device has a pouring member 4 with an annular ledge 5 engaging a recess 3 in the **bottle** neck 1 and a stopper member connected by a hinge 9 to member 4 and having a plug 10 to make liquid-tight contact with neck 1. The plug 10 may have annular ribs 18 and annular grooves 19 reduce the amount of material in the device. A sealing capsule 23, Fig. 9, having spaces for the hinge 9 and lug 7 has perforated or precut tracks 25 and a tear strip 24 or 24a, Fig. 11, or 24b, Fig. 12. In a modification, Fig. 16, the member 4d has a cylindrical portion 29a entering the container neck and closed by a wall 31 having a liquid passing orifice 32 and an air passage 33. A stopper member 10 closes the pouring member. In another modification, Fig. 17, stoppers 34, 35 closes passages 32, 33. Specifications 757,599 and 792,301 are referred to.

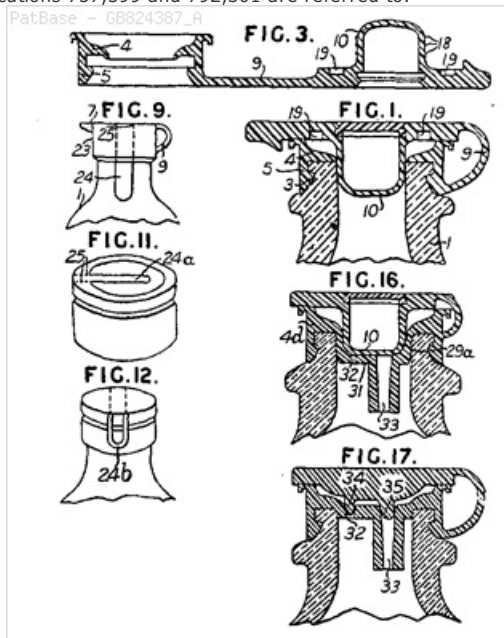
Classifications:

International (IPC 8-9): B65D47/08 B65D47/14 (Advanced/Invention); B65D47/08 B65D47/12 (Core/Invention)

International (IPC 1-7): B65D39/00

CPC: B65D47/0842 B65D47/141 B65D2251/20

European: B65D47/08B4C1 B65D47/14A L65D251/20



Family:

Publication number	Publication date	Application number	Application date
DE1407341 A1	19681024	DE19581407341	19580116
GB824387 A	19591125	GB19570001960	19570118

Priority:

GB19570001960 19570118

Probable Assignee:

IMRE GOTH

Assignee(s): (std):

GOTH IMRE ; IMRE GOTH

Inventor(s): (std):

GOTH IMRE

Title: Improvements in or relating to **pourer** or dropper inserts for **bottles**

Abstract: 922,188. Stoppers. KORKENFABRIK FRIEDRICH SANNER INH OTTO SANNER G.m.b.H. July 3, 1959 [July 3, 1958], No. 22910/59. Class 125(3). A power stopper comprises a plug 2, a spout 6¹ slidable between limiting flanges 7 and 6¹¹¹ in an aperture 5 in the plug, a screw cap 12 and a disc 11 inserted inside the screw cap and which has projections 10 and 24 which serve to push the spout in when the cap is screwed on and to grip the spout to pull it out when the cap is screwed off. The plug 2 has sealing ribs 20 which engage the spout, sealing ribs 4 which engage the neck of the **bottle** and a flange 3 thick enough to limit the entry of the plug into the neck but not strong enough to enable the plug to be withdrawn therefrom. An air vent 21 may be incorporated in the spout, the annular portion 10 projecting from the disc may be slit along its length and the screw cap is of the tear-off type with tearoff ring 12.

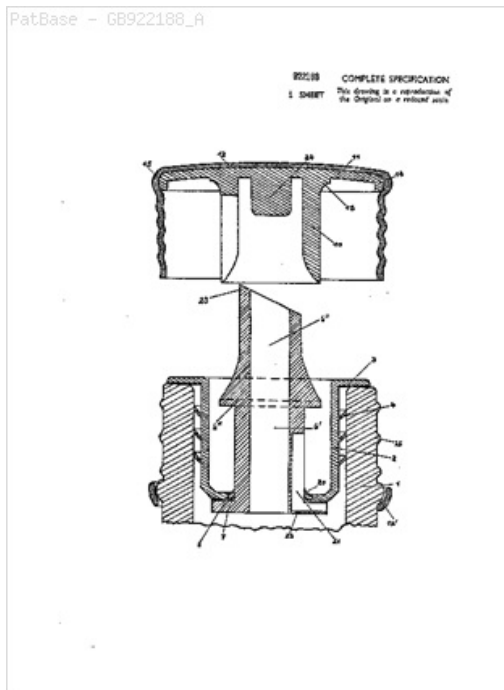
Classifications:

International (IPC 8-9): B65D47/06 B65D47/12 (Advanced/Invention); B65D47/06 B65D47/12 (Core/Invention)

International (IPC 1-7): B65D47/26

CPC: B65D47/061 B65D47/123 B65D2547/066

European: B65D47/06A B65D47/12B1 L65D547/06Y1



Family:

Publication number	Publication date	Application number	Application date
BE580323 A	19591103	BE19590580323	19590703
DE1196089 B	19650701	DE1958K035209	19580703
GB922188 A	19630327	GB19590022910	19590703

Priority:

DE1958K035209 19580703

Probable Assignee: FRIEDRICH SANNER KOMMANDITGESE

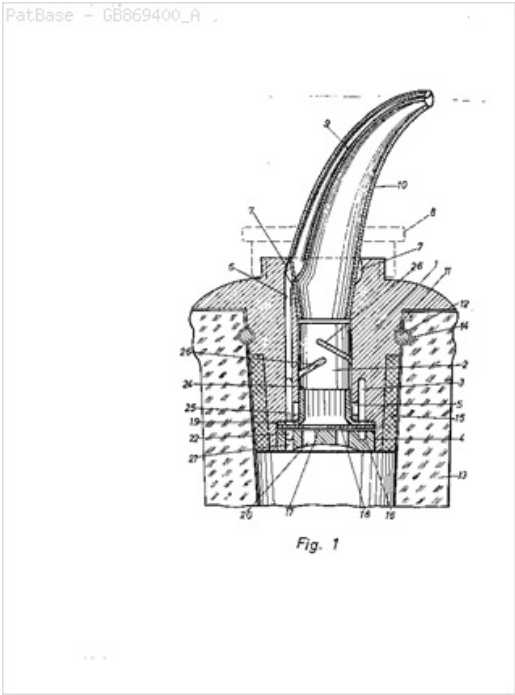
Assignee(s): (std): KORKENFABRIK FRIEDRICH SANNER ; FRIEDRICH SANNER KOMMANDITGESE

Assignee(s): FRIEDRICH SANNER KOMMANDITGESELLSCHAFT ; FRIEDRICH SANNER KG ; KORKENFABRIK FRIEDRICH SANNER INH OTTO SANNER G M ; KORKENFABRIK FRIEDRICH SANNER INH OTTO SANNER G M B H ; KORKENFABRIK FRIEDRICH SANNER INH OTTO SANNER GMBH

Title: Closure means with pourer device for bottles and the like which are non-refillable

Abstract: 869,400. Non-refillable stoppers; venting apparatus. KEMPF, H. July 21, 1959, No. 25003/59. Classes 21 and 66. A non-refillable bottle stopper comprises a pouring aperture 2, closed before use by a screw cap 8 and designed to hold frictionally a pouring spout 10, a stopper 1 of synthetic plastics material and a non-return valve consisting of a retaining plate 16, Fig. 2, and a valve diaphragm 18. The non-return valve lies under a packing sleeve 19 in a recess 4 in the stopper 1 which is formed with an annular groove 3 connected with the aperture 2 by radial apertures 5 and by an axial bore 6 which opens into an annular groove 7 in the stopper 1. The diaphragm 18 has radial slots 17, and apertures 23 so small that air may pass through them but not liquid. The stopper 1 is held in the bottle neck 13 by a spring ring 12 and has internal projections 26 protecting the diaphragm 18, a packing 15 of cork or resilient plastics forming a seal between the stopper and the bottle neck. When liquid is poured from the bottle, air may enter the bottle through an air conduit 9 in the spout, the groove 7, the bore 6, apertures 25 in the sleeve 19 and the apertures 23 in the diaphragm 18 and thence via a groove 22 in the plate 16 from which a bore 21 extends into the interior of the bottle. Liquid from the bottle may pass out through apertures 20 in the plate 16, the slots 17 in the diaphragm 18 and thence through a cylindrical portion formed by resilient tongues on the packing sleeve 19.

Classifications:
International (IPC 8-9): B65D49/02 (Advanced/Invention);
B65D49/00 (Core/Invention)
International (IPC 1-7): B65D49/00
CPC: B65D49/02
European: B65D49/02



Family:

Publication number	Publication date	Application number	Application date
GB869400 A	19610531	GB19590025003	19590721

Priority:
GB19590025003 19590721

Probable Assignee: HERMANN KEMPF
Assignee(s): (std): HERMANN KEMPF

Title: Improvements in or relating to liquid pouring devices for **bottles** and like containers

Abstract: 817,586. Stoppers. CARPANINI Ltd., J. March, 13, 1958 [March 18, 1957], No. 8866/57. Class 125(3). A pouring stopper comprises a conical cork or rubber plug 2 drilled to receive a tubular member' 4 with a spout-shaped lip 8 and sleeves 10 acting as bearings for a slidable pouring tube 12 closed at one end by a cap 14 and having a spout 16 and air tube 18 and vent 20. A screw 22 in the back wall of member 4 co-operates with a groove 24 in tube 12 to limit sliding of the tube. Cap 14 has a polythene or like washer 26 to seal against lip 8 into which spout 16 retracts when the tube 12 is pushed inwards. Air vent 20 is covered in this inner position by member 4 and a spring clip 28 secured to member 4 engages an indentation 32 in cap 14 to retain it in closed position.

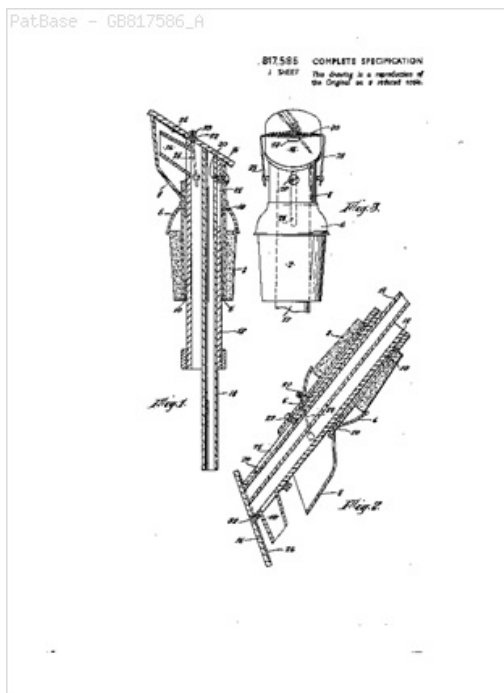
Classifications:

International (IPC 8-9): B65D47/06 (Advanced/Invention);
B65D47/06 (Core/Invention)

International (IPC 1-7): B65D47/26

CPC: B65D47/061

European: B65D47/06A



Family:

Publication number	Publication date	Application number	Application date
GB817586 A	19590806	GB19570008866	19570318

Probable Assignee: CARPANINI LTD J

Assignee(s): (std): CARPANINI LTD J

Assignee(s): J CARPANINI LIMITED

Inventor(s): (std): CARPANINI JOHN ; HEARD ARTHUR BADEN

Title: INVERTIBLE POURING HAVING DUAL POSITION CAP

Abstract: 699,928. Pouring stoppers. LEHMANN, H. June 3, 1952 [June 20, 1951], No. 14619/51. Class 125(iii) A combined stopper and **pourer** for a **bottle** o: other container has a screw cap b apertured at c a spout having a flange d and formed of conical portions e, f joined by a disc g in which is an inlet h, and a **closure** for the **pourer** consisting of a disc j, of the same diameter as flange d, on which is centrally disposed a cone k surrounded by a cylindrical sleeve l, the cone being of a size to fit tightly into the open end i of the spout and the sleeve will fit tightly into the spout adjacent the flange. The spout depends into the **bottle** and the disc j and sleeve l form a seal and when it is required to **use** the **pourer** the spout is inverted and passed through the aperture c of the cap b which retains it on the vessel the **closure** j, k, forming a stopper for the spout.

Classifications:

International (IPC 8-9): B65D47/06 (Advanced/Invention);
B65D47/06 (Core/Invention)

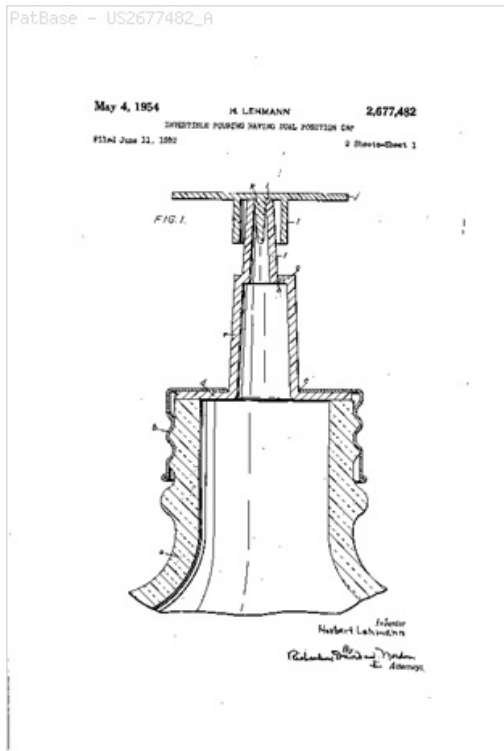
International (IPC 1-7): B65D47/06

CPC: B65D47/068

European: B65D47/06C

US: 222/481 222/539 222/546

PatBase - US2677482_A



Family:

Publication number	Publication date	Application number	Application date
GB699928 A	19531118	GB19510014619	19510620
US2677482 A	19540504	US19520292843	19520611

Priority:

GB19510014619 19510620

Probable Assignee:

HERBERT LEHMANN

Assignee(s): (std):

HERBERT LEHMANN

Inventor(s): (std):

HERBERT LEHMANN

Inventor(s):

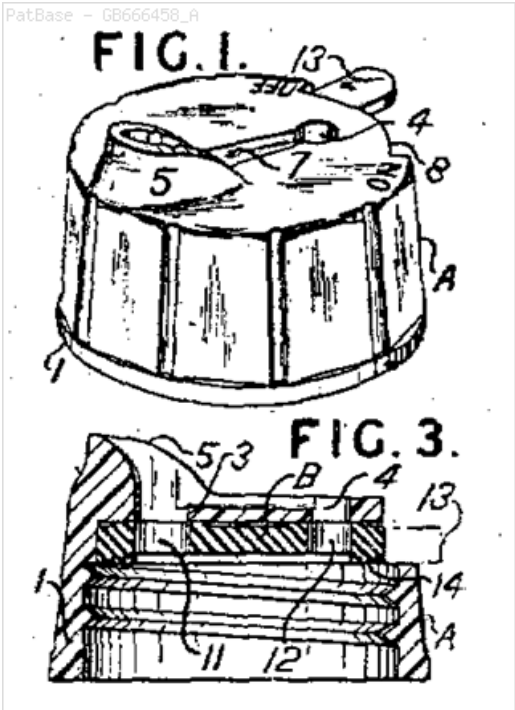
LEHMANN HERBERT

Title: A closure combined with a valve for bottles and other containers

Abstract: [Nov. 1, 1949] No. 27984/49. Class 125(iii). A bottle closure with a disc valve consists of a cap A having a threaded skirt 1, an outlet opening 3 with spout 5 and an air vent 4. and a washer B having holes 11, 12 and a projection 13 extending through an opening 8 in the cap, the the holes 11, 12 being so spaced that rotation of the washer B brings them into register with apertures 3, 4 rotation in the opposite sense causing the washer to close the said apertures 3, 4. The washer B is not attached to the cap and may be held against movement to seal the bottle by screwing the cap A tightly home. A groove 7 connects openings 3, 4 to allow liquid spilled through the vent 4 to return to the bottle and the washer B has an annular sealing surface 14.

Classifications:

International (IPC 8-9): B65D47/26 (Advanced/Invention);
B65D47/04 (Core/Invention)
International (IPC 1-7): B65D47/26 B65D47/28
CPC: B65D47/265
European: B65D47/26D4



Family:

Publication number	Publication date	Application number	Application date
BE498708 A	00000000		00000000
DE908580 A	19540408	DE1950R004671	19501022
FR1031613 A	19530625		19501026
GB666458 A	19520213	GB19490027984	19491101

Priority:

GB19490027984 19491101

Probable Assignee: ROSS PRODUCTS LTD
Assignee(s): (std): CHARLES GRAY ROSS ; ROSS PRODUCTS LTD
Assignee(s): ROSS PRODUCTS LIMITED
Inventor(s): (std): ROSS CHARLES GRAY

Title: Improvements in or relating to a **pourer** device

Abstract: 688,663. Stoppers. MOSS, R. R. Oct. 10, 1951 [Oct. 13, 1950], No. 25035/50. Class 125(iii) A **pourer** and **closure** device consists of a washer 11 formed integrally with a spout 12, both having a central bore 13 closed towards the end 14 of the spout, which end is formed with an integral extension 15 of diameter equal to that of bore 13 so that in **use** the end 14 and extension 15 are cut off at groove 16 and reversed to form a plug for the spout 12.

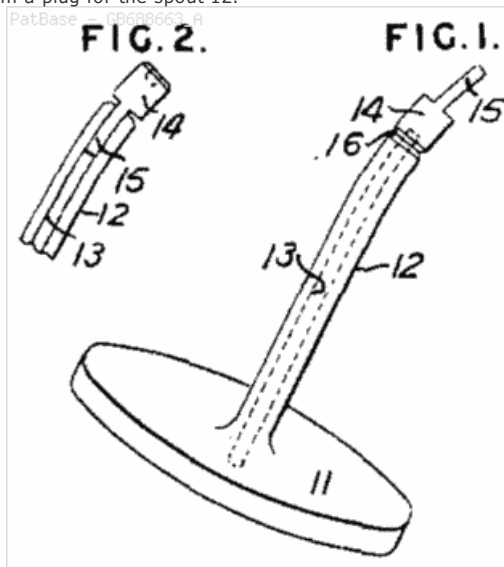
Classifications:

International (IPC 8-9): B65D47/12 (Advanced/Invention);
B65D47/12 (Core/Invention)

International (IPC 1-7): B65D47/06

CPC: B65D47/121

European: B65D47/12A



Family:

Publication number	Publication date	Application number	Application date
GB688663 A	19530311	GB19500025035	19501013

Priority:

GB19500025035 19501013

Probable Assignee:

ROBERT REGINALD MOSS

Assignee(s): (std):

ROBERT REGINALD MOSS