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Results: 15

Search history

Search Plug AND sealing and dispensing AND liquids AND rotation AND BOTTLE (Results 20)

1:

Search TOP AND VALVE AND TONGUE (Results 1832)

2:

Search valve water bottle (Results 3)

3:

Search 1 AND 2 (Results 2)

4:

Search fn=(31719258 or 33359990 or 42245736 or 41795314 or 43751358 or 42936170 or 57835911 or 59780262 or 4917705 or 3032815 or 51228015:110 or 31902805:110 or 30062312:110 or 56399709:100 or 56394372:100 or 51228013:100 or 43849705:100 or 32651489:100 or 30064573:100 or 29362744:100 or 57369031:95 or 32284425:95 or 29433797:95 or 24677808:95 or 68348430:90 or 65564735:90 or 65423742:90 or 64628571:90 or 61551080:90 or 60278316:90 or 59290621:90 or 58342698:90 or 58074077:90 or 57267904:80 or 53976397:90 or 52872233:90 or 52812942:90 or 52731601:90 or 52618900:90 or 52066548:90 or 51991116:90 or 51990955:90 or 51936580:90 or 50899695:90 or 50623453:90 or 48531964:90 or 48457036:90 or 46176661:90 or 43194211:90 or 42259736:90 or 41867983:90 or 41439693:90 or 30536090:90 or 30157905:90 or 29955264:90 or 28639840:90 or 24157902:90 or 20184627:90 or 15056275:90 or 15001128:90 or 9342808:90 or 1173997:90 or 58445409:85 or 55981366:85 or 31944727:85 or 29413745:85 or 15876860:85 or 67491069:80 or 66458093:80 or 66336043:80 or 61543878:80 or 58292571:80 or 56778301:80 or 56776374:80 or 55193446:80 or 55115852:80 or 53855704:80 or 53536896:80 or 53081465:80 or 52444888:80 or 52444019:80 or 50081732:80 or 49239607:80 or 48311623:80 or 44003827:80 or 43171611:80 or 42746095:80 or 42280324:80 or 40797637:80 or 35866282:80 or 34586970:80 or 33552083:80 or 31480243:80 or 20510211:80 or 18898927:80 or 15084177:80 or 13812955:80 or 11702886:80 or 7823417:80 or 7551767:80 or 6471704:80 or 6080200:80 or 5350364:80) (Results 36)

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Search [SP]: fig. 1 is an upper perspective view of a dispenser embodying the present invention. fig. 2 is a side elevational view of the dispenser of fig. 1. fig. 3 is a bottom plan view of the dispenser of fig. 1. fig. 4 is a top plan view of the dispenser of fig. 1. fig. 5 is another side elevational view of the dispenser of fig. 1. fig. 6 is another side elevational view of the dispenser of fig. 1. fig. 7 is a cross-sectional, perspective view of the dispenser of fig. 1. fig. 8 is a cross-sectional view of the dispenser of fig. 1 showing the variable-volume storage chamber empty. fig. 9 is a cross-sectional view of the dispenser of fig. 1 showing the filling of the variable-volume storage chamber. fig. 10 is a cross-sectional view of the dispenser of fig. 1 showing the variable-volume storage chamber filled with a substance to be dispensed. fig. 11 is another cross-sectional view of the dispenser of fig. 1. fig. 12 is another cross-sectional view of the dispenser of fig. 1. fig. 13 is a cross-sectional view of an alternative embodiment of the dispenser in the active position. fig. 14 is another cross-sectional view of the dispenser of fig. 13 in the filling position. fig. 15 is an alternative embodiment of the dispenser showing the variable volume storage chamber having a slidable wall. (Results 342)

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Search TOP AND TONGUE AND VALVE AND BOTTLE (Results 101)
19:

Search TOP AND STOPPER AND VALVE AND DOSIFICATOR AND BOTTLE (Results 0)
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Search TOP AND BOTTLE AND WATER (Results 10207)
21:

Search TOP AND VALVE AND DOSIFICATOR (Results 0)
22:

Search top and valve and tongue AND DOSING (Results 31)
23:

Search 21 AND 23 (Results 2)
24:

Search [SP]: zenz helber hosbach partnerpatentanwaelte 64673 zwingenberg, scheuergasse 24, tel.: 062 5 1 /73 008 fax: 062 51 /73 156friedrich sanner gmbh co. kg spritzgusswerk, 64 6 25 bensheim -auerbachdosier-verschluss fuer fluessigkeitende erfindung betrifft ein dosier-verschluss fuer zur aufnahme von fluessigkeiten bestimmte behaelter mit einer im ausgang des die fluessigkeit aufnehmende behaelters angeordneten dosierkammer in form eines in einem behaelterxnnenseitig durch eine stirnwand geschlossenen und ausgangsseitig offenen, am behaelterausschuss abdichtenden hohlstop f e ns, in dessenstirnwand eine federnd in die schliessstellung vorgespannte ventileinrichtung vorgesehen ist, die zum uebertritt einervorgegebenen menge von fluessigkeit aus dem behaelterinnern in die dosierkammer geoeffnet werden kann, wobei der behaelter und zugleich die offene stirnseite des hohlstopfens durch eine abnehmbare verschlusskappe verschlossen sind, deren dem durchlass im hohlstopfen gegenueberliegender deckwandbereich elastisch in richtung ins hohlstop f e ninnerer verformbar ausgebildet ist und zwischen der der dosierkammer zugewandten innenseite des elastisch verformbaren deckwandbereichs und der ventileinrichtung ein die dosierkammer durchsetzender stoessel angeordnet ist, dessen laenge so be-messen ist, dass er bei einer verformung des deckwandbereichs in richtung des behaelterinnern die ventileinrichtung aus ihrer schliessstellung in die o e f f nungsstellung verstellt. dosier-verschluesse dienen zur entnahme jeweils einer vorgegebenen menge einer fluessigkeit, z.b. eines fluessigen arzneimittels, aus einem behaelter, beispielsweise einem g l asflaeschchen. gegenueber der unbequemen und auch nicht immer rittums fr eien dosierung von fluessigkeiten aus trop ffl aschendurch abzählen einer bestimmten menge von tropfen wird die dosierte entnahme der fluessigkeit erheblich sicherer erreicht und ist auch bequemer. auch gegenueber der dosierung von fluessigkeit mittels einer pipette hat der in den behaelterhaltintegrierte dosier-verschluss den vorteil, dass die im behaelter abgefüllte fluessigkeit auch beim dosiervorgang selbst und dem ausschliessen der dosiermenge durch den verschluss gegen die umgebung sa tm o s phaere abgedichtet ist, undes somit nicht zu verunreinigungen oder keimbefall kommen kann. auch ein versehentliches auslaufen von fluessigkeit, wenn beispielsweise der behaelter versehentlich umgestossen wird, ist mit sicherheit vermieden. es ist ein dosier-verschluss der eingangs erwaehnten art bekannt (de-gm 94 07 985), der eine zu fr iedenstellend dosier-genauigkeit und gebrauchstuechtigkeit aufweist. soweit der bekannte verschluss einschliesslich der ventileinrichtung integral im spritzgussver f a hren aus kunststoff hergestellt wird, erfordert er aber komplizierte spritzgussformen in dem bereich, in dem beim abspritzen die ventileinrichtung entstehen soll. beim bekannten verschluss ist deshalb die ventileinrichtung bzw. teile derselben gesondert hergestellt worden, was nachtraegliche montageschritte er fo rdert. in beiden faellen wirkt sich dies auf die herstellungskosten aus. der erfindung liegt die aufgabe zugrunde, den bekannten dosier-verschluss so weiterzubilden, dass er einfacher aufgebaut und somit preisguenstiger herstellbar ist, ohne dass seine funktion oder dosiergenauigkeit hierdurch beeintraechtigtwere. ausgehend von dem dosierverschuss der eingangs erwaehnten art wird diese aufgabe er fi ndungsgemass dadurch geloeset, dass die stirnwand des hohlstopfens als in richtung zum behaelter-ausschuss durchgewoelbte und elastisch in richtung des behaelterinnern verformbare membran ausgebildet ist, an welcher das dem behaelterinnern zugewandte ende des stoessels angreift und dass in der membran wenigstens ein zungenartiger wandbereich fr eigeschnitten ist, dessen fr eigeschnittene begrenzungsanten in der schliessstellung den angrenzenden membran-wandbereichen ohne bildung eines merklichen spalts gegenueberstehen, nach einer verformung der membran durch den stoessel in die o e f f nungsstellung jedoch nicht mitverformt werden und einen durchlass in der membran fuer den uebertritt von fluessigkeit aus dem behaelterinnern in die dosierkammer freigeben. die ventileinrichtung ist somit in der als elastisch verformbare membran ausgebildeten behae l terinnenseitigen membran ausgebildet, aus der eine oder mehrere zungen oder segmente fr eigeschnitten sind, die sich bei der verformung der membran ueber den stoessel nicht oder in anderer weise als die restliche membran verformen, wodurch im fr eigeschnittenen bereich jeweils ein durchlass entsteht, durch den die fluessigkeit - bei auf den kopf gestelltem behaelter - in die dosierkammer uebertreten kann. ueber den durchlass bzw. die durchlaesse wird dann auch von der einstromenden fluessigkeit die in der dosierkammer enthaltene lu ft in den behaelter verdraengt. t. der dosiervorgang erfolgt also - wie beim bekannten dosier-verschluss - so, dass bei auf den kopf gestelltem behaelter der elastisch verformbare deckwandbereich in richtung in behaelterinnern gedrueckt wird, wobei durch den stoessel die membran entgegen ihrer woelbung verformt wird und sich der bzw. die durch-l a sse oeffnen. sobald die dosierkammer gefuellt ist, was daran zu erkennen ist, dass keine blaeschen mehr in der im filter befindlichen fluessigkeit hochsteigen, ist der fuellvorgang beendet und der behaelter wird wieder in die norma l stellung gebracht. dann kann die behaelter-verschlusskappe abgenommen und diese dosierkammer entleert werden. d.h. es wird genau die vorgegebene dosiermenge entnommen. der hohlstopfen einschliesslich der behaelterinnenseitige stirnwand bildenden membran ist in bevorzugter ausgestaltung der erfindung ein integraler spritzgussteil. alternativ kann die behaelterinnenseitige stirnwand bildende membran auch gesondert hergestellt

und nachtraeglichabdichtend in die behaelterinnere stirnseite der beidseitig offenen hohlzylindrischen stopfen-u m fangswandung eingesetztsein, wobei es sich dann empfiehlt, die membran mit einem verstaerkten randbereich zu versehen, welcher in eine imbehaelterinnenseitigen endbereich der stop fe n-um fa ngswandungin deren innenseite vorgesehene umlaufende nut eingerastet ist.dabei wird dann der aussendurchmesser des verstaerkten randbereichs zweckmaessig mit uebermass gegenueber dem durchmesserdes nutgrunds der umlaufenden nut bemessen, so dass der randbereich mit vorspannung in der nut sitzt und so dieeinwandfreie abdichtung gewaehrleistet ist.der dosiervorgang kann insgesamt beschleunigt werden, wenn in der die behaelterseitige stirnwand bildenden membran mehrerzungenartige wandbereiche fr eigeschnitten sind.der zungenartige wandbereich bzw. die zungenartigen wandbereiche koennen dabei in einem gesonderten arbeitsgangfreigestant sein. alternativ koennen sie auch durch entsprechende ausformungen der spritzgussform bei der herstellungdes hohlstopfens in der spritzguss fo rm erzeugt sein,wobei beim spritzvorgang selbst im bereich d er die zungenartigenwandbereiche begrenzenden spalt zunaechst noch einen duennen film aus dem kunststo ff material verbleiben kann, derdann erst bei der erstmaligen benutzung des dosier-verschlusses zerreisst. bis zur erstmaligen benutzung ist derbehaelterinhalt dann also zusaetzlich zur abdichtung durch die eigentliche verschlusskappe auch noch durch den hohlstopfengegen den zutritt von umgebungsatmosphaere abgedichtet. die erfingung ist in der folgenden beschreibung eines ausfuehrungsbeispielsin verbindung mit der zeichnung naeher erlaeutert, und zwar zeigt:fig. 1 den oberen ausgussseitigen teil eines zur aufnahme einer fluessigkeitbestimmten flaeschchens mit einem im flaschenhals vorgesehenen, in der er fi ndungsgemaessenweise ausgebildetendosier-versch luss im laengsmittelschnittfig. 2 eine ansicht auf die behaelterinnen- s eitige stirnwand des teils des dosier-verschlusses bildenden hohlstopfens, gesehen in richtung des pfeils 2 in fig. 1 undfig. 3 eine der fig. 1 entsprechendeschnittansicht, in welcher der mit dem dosier-versch luss versehene behaelterauf den kopf gestellt ist, wobei die funktionsteile des verschlusses in derlage dargestellt sind, in welcher fluessigkeit aus dem flaeschchen in die dosierkammer ueberstroemen kann, wobeidie schnit tf uehrung des hohlstopfens ? .? ! ss ss.des dosier-verschlusses in fig. 2 durch die pfeile 3-3 veranschaulichtist.das in den figuren 1 und 3 gezeigte ausfuehrungsbeispiel eines - in seiner gesamtheit mit 10 bezeichneten erfingungsgemaessendosier-verschlusses setzt sich aus zwei teilen zusammen, naemlich einem hohlstopfen 12 und einer im dargestelltenfall als schraubkappe ausgebildeten verschlusskappe 14.der hohlstopfen 12 weist eine im wesentlichen zylindrische u m fangswandung 18 auf, die in ihrem in fig. 1 unten undfig. 3 oben liegenden behaelterinnensei ti gen endbereich durch eine als duenne elastische und kalottenartig hochgewoelbtemembran 2 0 verschlossen ist, in welcher nachstehend in verbindung mit fig. 2 noch naeher erlaeuterte zungenartigenwandabschn itte f r eigeschnitten oder freigestant sind,die sich in der in fig. 1 dargestellten ausgangsstellung in die woelbung der membran 20 einfuegen. die entlang der frei-0geschnittenen begrenzungsanten zwischen den zungenartigen wandbereichen und der restlichen membran bestehenden spaltesind so eng, dass auch bei auf den kopf gestelltem verschluss keine fluessigkeit von aussen durch die membran in den hohlstopfen12 eintreten kann. von dem der membran 2 0 gegen-5 ueberliegenden oberen offenen ende der um f a ngswandung 18tritt ein axial nach aussen gerichteter flansch 24 vor, welcher die einsetztiefe des hohlstopfens 12 in dem in denfig. 1 und 3 dargestellten flaschenhals 26 des mit einer zu dosierenden fluessigkeit gefuellten flaeschchens begrenzt. v (Results 11)

Search CAP AND VALVE AND DOSING AND BOTTLE (Results 145)

26:

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28:

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Search TOPPER AND VALVE AND BOTTLE AND WATER (Results 1)

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Search TOPPER AND BOTTLE AND WATER (Results 5)

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Search TOP AND BOTTLE AND WATER (Results 10207)

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Search TOP AND TONGUE AND BOTTLE AND WATER (Results 90)

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Search STOPPER AND TONGUE AND BOTTLE AND WATER (Results 22)

37:

Search TOP AND TONGUE AND VALVE (Results 101)

38:

Search STOPPER AND TONGUE AND VALVE AND BOTTLE AND WATER (Results 8)

39:

Search [SP]: revendications. 1.- bouchon (1 101 201) de fermeture du goulot (3) d'un contenant (2), lequel bouchon (1 101 201) comprend un opercule (10 110 210) d'obturation du goulot et une jupe (20 120 220) de fixation au goulot, qui est globalement tubulaire et centree sur un axe (x2), en s'etendant axialement depuis l'opercule et en etant agencee autour du goulot lorsque le bouchon est en configuration de fermeture sur le goulot, laquelle jupe induit, suivant son axe, une premiere partie de jupe (24 124 224) qui relie le reste de la jupe a l'opercule, une deuxieme partie de jupe (26 126 226) qui relie une extremite libre (27 127 227) de la jupe au reste de la jupe et une troisieme partie (28 128 228) qui relie la premiere et la deuxieme partie de jupe, caracterise en ce que la troisieme partie de jupe (28 128 228) delimite a la fois une surface exterieure d'appui radial (51 s101 s201), qui est sensiblement complementaire de la surface interieure de l'extremite libre 27 127 227) de la deuxieme partie de jupe (26 126 226), et une surface exterieure d'appui axial (s2, s102, s202), qui s'etend en saillie vers l'exterieur depuis la surface d'appui radial. 2.- bouchon selon la revendication 1, caracterise en ce que la surface d'appui radial (51 s101 s201) et la surface interieure de l'extremite libre (27 127 227) sont sensiblement cylindriques et centrees sur l'axe (x2), le diametre exterieur (ds1a) de la surface d'appui radiale etant sensiblement egal au diametre interieur (d27b) de l'extremite libre. 3.- bouchon selon l'une des revendications precedentes, caracterise en ce que les surfaces d'appui radial (51 s101 s201) et axial (s2, s102 s202) sont, suivant l'axe (x2), positionnees au moins quatre fois plus pres de l'opercule (10 110 210) que l'extremite libre (27 127 227). 4.- bouchon selon l'une des revendications 1 a 3, caracterise en ce que l'extremite libre (27) de la deuxieme partie de jupe (26) definit un plan geometrique qui est transversal a l'axe (x2) et d'un seul cote duquel toute la jupe est agencee. 5.- bouchon selon l'une des revendications 1 a 3, caracterise en ce que l'extremite libre (27 127 227) de la deuxieme partie de jupe (126 226) est pourvue d'une languette (150: 250) d'amorce a la decirure de la jupe. 6.- bouchon selon l'une des revendications precedentes, caracterise en ce que la surface d'appui axial (s2 s102) court sur toute la circonference exterieure de la troisieme partie de jupe (28 128). 7.- bouchon selon la revendication 5, caracterise en ce que la surface d'appui axial (s202) est interrompue sur la circonference de la troisieme partie de jupe (228), en ce que le bouchon comprend, sur la face exterieure de la deuxieme partie de la jupe (226), une bande peripherique de

rigidification (223) saillante vers l'exterieur qui est interrompue sur la meme portion de circonference de la jupe (220) que la surface d'appui axial, en ce que la portion de circonference de la jupe (220), sur laquelle la surface (s202) d'appui axial et la bande de rigidification (223) sont interrompues, est plus etendue que la dimension circonfrentielle maximale (c250) de la languette (250), et en ce que, au niveau de cette interruption, la jupe (220) comprend au moins un logement (229) dont les dimensions axiale (h229) et circonfrentielle (c229) sont respectivement superieures aux dimensions axiale (h250) et circonfrentielle (c250) de la languette. 8.- bouchon selon l'une des revendications precedentes, caracterise en ce que la surface d'appui axial (s2 s102 s202) s'inscrit dans un plan perpendiculaire a l'axe (x2) de la jupe (20 120 220). 9.- groupe (60, 160, 260) de bouchons, caracterise en ce que le groupe comprend au moins deux bouchons (1, 1.2 101, 101.2 201, 201.2) selon l'une des revendications precedentes, qui sont empiles l'un sur l'autre de maniere que leur jupe (20, 20.2 120, 120.2 220, 220.2) sont agencees de maniere coaxiale et l'extremite libre (27.2 127.2 227.2) de la jupe du bouchon du dessus (1.2 101.2 201.2) est positionnee en contact avec les surfaces d'appui axial (s2s102 s202) et radial (s1 s101 s201) du bouchon du dessous (1, 101, 201). 10.- groupe selon la revendication 9, caracterise en ce que les bouchons (101, 101.2) sont selon la revendication 5 et en ce que la languette (150) du bouchon du dessus (101.2) chevauche la deuxieme partie de jupe (126) du bouchon du dessous (101), en etant deformee transversalement vers l'exterieur par rapport a l'axe (x2). 11.- groupe selon la revendication 9, caracterise en ce que les bouchons (201, 201.3) sont selon la revendication 7 et en ce que la languette (250) du bouchon du dessus (201) est positionnee dans le logement (229.3) du bouchon du dessous (201.3). 12.- ensemble, comprenant au moins un bouchon (1 101 201) selon l'une des revendications 1 a 8 et une plaque (400) qui comprend, sur une de ses faces (402), au moins une partie en saillie (403), qui presente a la fois un diametre exterieur sensiblement egal au diametre exterieur (ds1a) de la surface d'appui radial (s1) et une hauteur, mesuree perpendiculairement a la face (402) de la plaque (400) sensiblement egale a la dimension axiale de la surface d'appui radial (s1), cette dimension axiale de la surface d'appui radial etant augmentee de celle de la languette (150 250) dans le cas ou le bouchon est conforme a la revendication 5. claims. 1.- cap (1 101 201) for closing the neck (3) of a container (2), which cap (1 101 201) comprises a cover (10 110 210) of the sealing neck and a skirt (20 120 220) for attachment to the neck, which is generally tubular and centered on an axis (x2), extending axially from the cap and being arranged around the neck when the cap is in the closed configuration on the neck, which skirt includes, along its axis, a first skirt portion (24 124 224) that connects the rest of the skirt the cap, a second skirt portion (26 126 226) which connects a free end (27 127 227) of the skirt to the rest of the skirt and a third portion (28 128 228) which connects the first and the second skirt portion, characterized in that the third part of skirt (28 128 228) delimited has both a radial bearing outer surface (51 s101, s201), which is substantially complementary to the inner surface of the free extremity 27 127 227) of the second skirt portion (26 126 226), and an outer surface of axial support (s2, s102, s202), which protrudes outwardly from the radial bearing surface. 2. a cap according to claim 1, characterized in that the radial supporting surface (51 s101 s201) and the inner surface of the free end (27 127 227) are substantially cylindrical and centered on the axis (x2), the outside diameter (ds1a) of the radial bearing surface being substantially equal to the inside diameter (d27b) of extremity free. 3. stopper according to one of the preceding claims, characterized in that the radial supporting surfaces (51 s101 s201) and axial (s2, s102, s202) are, along the axis (x2) positioned at least four times closer to the valve member (10 110 210) that the free extremity (27 127 227). 4. stopper according to one of claims 1 to 3, characterized in that the free extremity (27) of the second skirt portion (26) defines a geometric plane which is transverse to the axis (x2) and one side of which all the skirt is arranged. 5. stopper according to one of claims 1 to 3, characterized in that the free extremity (127 227) of the second skirt portion (126 226) is provided a tongue (150: 250) primer tear skirt. 6. a cap according to one of the preceding claims, characterized in that the axial bearing surface (s2 s102) runs along the outer circumference of the third skirt portion (28 128). 7. a cap according to claim 5, characterized in that the axial bearing surface (s202) is interrupted along the circumference of the third skirt portion (228), in that the stopper comprises on the outer face of the second part of the skirt (226), a peripheral stiffening band (223) protruding outwards which is interrupted on the same portion of the circumference of the skirt (220) that the surface axial bearing, in that the circumference of the skirt portion (220) on which the surface (s202) to the axial support and stiffening strip (223) are interrupted, is larger than the maximum circumferential dimension (c250) of the tongue (250), and in that, at the level of this interruption, the skirt (220) comprises at least one housing (229) including the axial dimensions (h229) and circumferential (c229) are greater than the dimensions respectively axial (h250) and circumferential (c250) of the tongue. 8. a cap according to one of the preceding claims, characterized in that the axial bearing surface (s2 s102, s202) is in a plane perpendicular to the axis (x2) of the skirt (20 120 220). 9. group (60, 160, 260) of stoppers, characterized in that said group comprises at least two plugs (1, 1.2, 101, 101.2, 201, 201.2) according one of the preceding claims, which are stacked one on the other so that their skirt (20, 20.2 120, 120.2, 220, 220.2) are coaxially arranged and the free extremity (27.2 127.2 227.2) of the skirt of the top plug (1.2 101.2 201.2) is positioned in contact with the axial bearing surfaces (s2 s102 s202) and radial (s1 s101 s201) of the plug below (1, 101, 201). 10. a unit according to claim 9, characterized in that the plugs (101, 101.2) are as claimed in claim 5 and in that the t (Results 0)

Search 41: fn=(57310252:170 or 25558613:80 or 32877311:70 or 32595630:70 or 30455912:70 or 53800461:60 or 50639889:60 or 41779082:60 or 36084012:60 or 33001044:60 or 32301295:60 or 21056640:60 or 13261905:60 or 68461923:50 or 68413384:50 or 62548574:50 or 62338906:50 or 60268720:50 or 56015800:50 or 54332903:50 or 46873293:50 or 45960747:50 or 44575393:50 or 40967114:50 or 34738617:50 or 33120910:50 or 33036051:50 or 32564626:50 or 32318648:50 or 30968594:50 or 30674554:50 or 30541116:50 or 30512060:50 or 29882148:50 or 29085369:50 or 28086989:50 or 25396099:50 or 22969333:50 or 22141521:50 or 21485805:50 or 21466793:50 or 20036515:50 or 19170939:50 or 18988972:50 or 17952607:50 or 17269678:50 or 16945752:50 or 16182601:50 or 15535714:50 or 15366589:50 or 12950271:50 or 12867081:50 or 12704739:50 or 8796441:50 or 8395013:50 or 8380493:50 or 5345647:50 or 5321424:50 or 3281817:50 or 2901292:50 or 1414925:50 or 1223191:50 or 1149549:50 or 1021725:50 or 680994:50 or 646133:50 or 421420:50 or 416629:50 or 267825:50 or 241913:50 or 67433951:40 or 64772901:40 or 64626156:40 or 63681255:40 or 62192117:40 or 59605542:40 or 58292711:40 or 57928846:40 or 57884136:40 or 56601432:40 or 56298126:40 or 56260499:40 or 53957533:40 or 53190957:40 or 52731619:40 or 52669172:40 or 52129392:40 or 51928081:40 or 50849862:40 or 50774975:40 or 50756435:40 or 49740832:40 or 48954247:40 or 45439084:40 or 44895329:40 or 44574811:40 or 44549515:40 or 44543000:40 or 44452129:40) (Results 100)

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Search 44: fn=(60541462 or 60541462 or 62569290 or 32867784 or 34113380 or 11167089 or 11167089 or 15697212 or 15697212 or 41005921 or 23570060 or 33041234 or 31265097 or 31386249 or 34432718 or 33616537 or 42269919 or 43453960 or 22642573 or 2807270) (Results 17)

Search 45: pn=(US4991635 OR EP3028955 OR US20140216958 OR US20110163119 OR GB190327197 OR US2003071089 OR US7281636 OR FI62505 OR GB2297081 OR US54123555 OR JP2002019815 OR US2005189379 OR EP0763721 OR TWM548137) (Results 15)

Search 46: fn=(28624502 or 11672443 or 11672443 or 60178864 or 28232357 or 30115260 or 32257139 or 32576401 or 28232357 or 32454034 or 32595630 or 31019926 or 31019926 or 31019926 or 11076736 or 23423995 or 28219786 or 23423995 or 28219786 or 28232357 or 28232357 or 32576401 or 32595630 or 31019926 or 32257139 or 30783321 or 830289 or 830291 or 19170587 or 1097762 or 1319344 or 29382632 or 4985906 or 5408147 or 4706473 or 3382755) (Results 24)

Search 47: [SP]: fig. 1 is a perspective, partially sectioned view of a closure applied on a container neck in accordance with the present invention.fig. 2 is a cross-sectional perspective view of the closure shown in fig. 1, without the container neck, taken substantially along line 2--2 of fig. 1.fig. 3 is a top plan view of the closure shown in fig. 1. fig. 4 is a cross-sectional side view of a closure similar to that shown in fig. 1 in accordance with the present invention having a modified retaining structure.fig. 5 is an enlarged cross-sectional detailed view of a portion of the closure shown in fig. 4 including the retaining structure of fig. 4.fig. 6 is a perspective, partially sectioned view of a modified closure, similar to that shown in fig. 1, without the container neck, the closure having a modified retaining structure in accordance with the present invention.fig. 7 is a perspective, partially sectioned view of a modified closure, similar to that shown in fig. 1, without the container neck, the closure having a modified retaining structure in accordance with the present invention.fig. 8 is a perspective, partially sectioned view of a

modified closure, similar to that shown in fig. 1, without the container neck, the closure having a modified retaining structure in accordance with the present invention. (Results 241)

Search IPC=(B65D41/32) (Results 7879)

48:

Search 35 AND 48 (Results 68)

49:

Search fn=(2337413 or 2337413 or 31344908 or 28996381 or 19947203 or 34669978 or 43707188 or 33376947 or 2337413 or 2337413 or 2337413 or 2337413 or 5060753 or 3186211 or 10671796 or 11044094 or 11270421 or 28996381 or 33376947 or 19947203 or 43707188 or 33376947 or 4577782 or 18634320 or 21179506 or 22837584 or 20709500 or 21851889 or 890177 or 18695066 or 17333549 or 1895091) (Results 22)

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51:

Search 21 AND 48 (Results 68)

52:

Search 45 AND 50 (Results 0)

53:

Search 45 OR 50 (Results 37)

54:

Search 48 AND 54 (Results 14)

55:

Search 36 AND 48 (Results 1)

56:

Search fn=(23930345 or 41984500 or 597757 or 6674433 or 12117500) (Results 5)

57:

Search 57 OR 55 (Results 19)

58:

Search pn=(WO03070587) (Results 1)

59:

Search fn=(56588345 or 56588345 or 55357939 or 42100921 or 56588345 or 16299630 or 16263150 or 17787057 or 13233550 or 8731456 or 20764893) (Results 9)

Search pn=(WO14086612) (Results 1)

61:

Search fn=(66372524 or 16263150 or 11135091 or 23929336 or 30051690 or 31779116 or 33992951 or 32402393 or 29495220 or 29021299 or 41557909) (Results 11)

Search 57 OR 59 (Results 6)

63:

Search 58 OR 61 (Results 20)

64:

Search 29 OR 64 (Results 24)

65:

Search Nozzle AND CAP AND Liquid AND dispenser AND container and assembly (Results 198)

66:

Search 48 AND 66 (Results 3)

67:

Search 26 AND 66 (Results 0)

68:

Search pn=(US2886198 OR US3974931 OR US4066180 OR FI62505 OR GB2120643 OR US5123555 OR GB2297081 OR US2004129667 OR US2002195414 OR WO14086612 OR CO7530061 OR EP3028955 OR CO16000846 OR CO16041607 OR US4991635 OR CO16041607) (Results 15)

Title:

BOTTLE STOPPING DEVICE

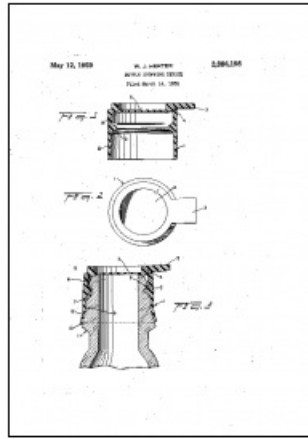
Abstract:

Source: US2886198A (Claim 1)

1. What I claim is: Container, notably a glass bottle, adapted to be closed by a cap of elastic material comprising a substantially cylindrical skirt and a bead projecting from the inner surface of said skirt, said container comprising a plurality of successive portions of which the average diameter increases progressively from the ori?ce towards the body of the container, to form successively, from the ori?ce, a collar having a lateral wall slightly tapered towards the ori?ce of the container and of a diameter smaller than the inner diameter of the capsule ...

Probable Assignee:

WILLIAM JACQUES HERTER

Assignee(s):(std):JACQUES HERTER WILLIAM ;
WILLIAM JACQUES HERTER

Title:

Bottle cap

Abstract:

Source: US3974931A A tear-off convenience bottle cap formed of lightweight sheet metal having a circular top panel surrounded by a cylindrical skirt. An annular sealing gasket disposed within said cap at the juncture of the top and skirt. 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 continue part way about the periphery of the cap top panel protected against exposure to the bottle contents by the annular sealing gasket and are then directed radially ...

Probable Assignee:

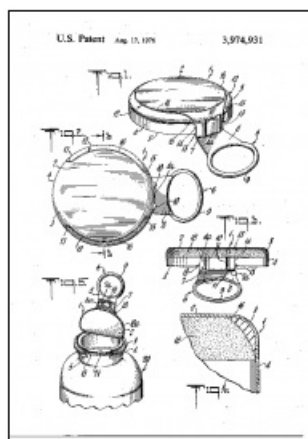
AMERICAN FLANGE AND MFG

Assignee(s):(std):

AMERICAN FLANGE AND MFG
CO INC TE LINDEN ;
AMERICAN FLANGE AND MFG
CO INC TE NEW YO ;
AMERICAN FLANGE Y MFG CO
INC ; AMERICAN FLANGE MFG
CO ; AMERICAN FLANGE MFG
CO INC ; AMERICAN FLANGE
AND MAN CO INC ; AMERICAN
FLANGE AND MFG ; AMERICAN
FLANGE AND MFG CO INC

Assignee(s):

AMERICAN FLANGE AND MFG
CO INC NEW YORK ;
AMERICAN FLANGE AND MFG
CO INC NEW YORK N Y US ;
AMERICAN FLANGE AND MFG
CO ; AMERICAN FLANGE
MANUF CO ; AMERICAN
FLANGE MANUF ; AMERICAN
FLANGE AND MFG CO INC TE
LINDEN NEW JERSEY VER ST V
AM ; AMERICAN FLANGE AND
MFG CO INC TE NEW YORK ;
MOLLER THOMAS G



Title:

FRANGIBLE CAP FOR BOTTLES

Abstract:

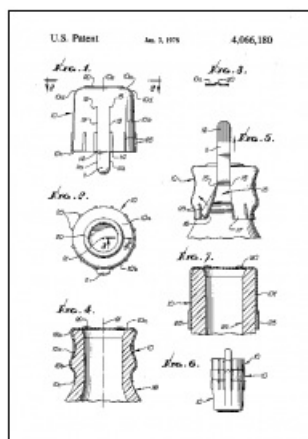
Source: US4066180A A frangible sealing cap for a bottle neck comprises: A. a plastic cup having a top cover and a depending annular skirt, the cover and skirt having thin walls, the skirt being free of annularly outward bulge structure, B. a plastic pull tab integral with the skirt and depending to a 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 ...

Probable Assignee:

SANCHEZ ALEJANDRO C

Assignee(s):(std):

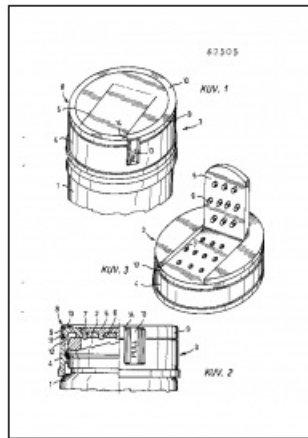
SANCHEZ ALEJANDRO C



Title:
KAPSYL FOER BEHAOLLARE
SPECIELLT KRYDDBURK

Probable Assignee:
LUPOPLAST OY

Assignee(s):(std):
LUPOPLAST OY



Title:

Cap for hermetically-sealing containers

Abstract:

Source: GB2120643A 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 ...

Probable Assignee:

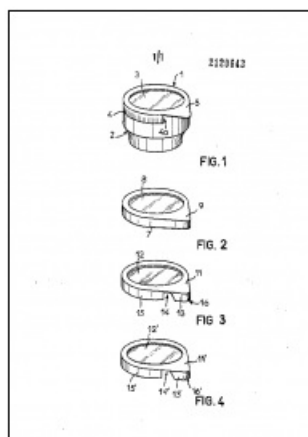
RAFFINAGE CIE FRANCAISE

Assignee(s):(std):

RAFFINAGE CIE FRANCAISE ;
SOCIETE ANONYME
COMPAGNIE FRANCAISE DE
RAFFINAGE T

Assignee(s):

SOCIETE ANONYME
COMPAGNIE FRANCAISE DE
RAFFINAGE TE PARIJS ; CIE
FRANCAISE DE RAFFINAGE ;
COMPAGNIE FRANCAISE DE
RAFFINAGE ; COMPAGNIE
FRANCAISE DE RAFFINAGE S A
; COMPAGNIE FRANCAISE DE
RAFFINAGE S A PARIS FR ;
FRANCAISE DE RAFFINAGE
COMP



Title:

Decap dispensing system for water cooler bottles

Abstract:

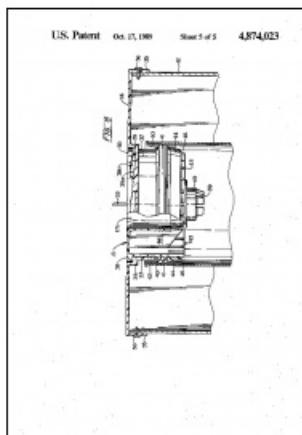
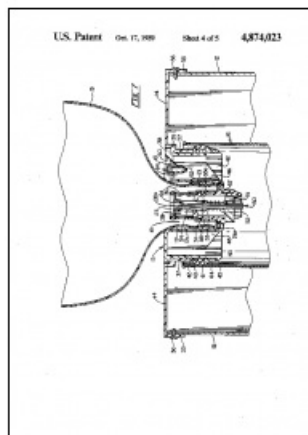
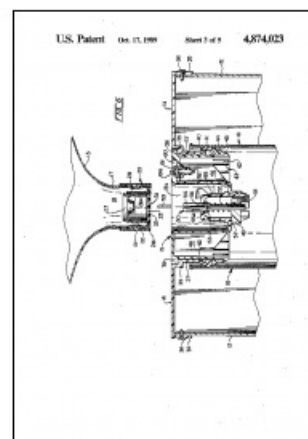
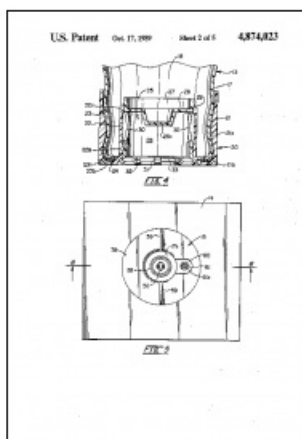
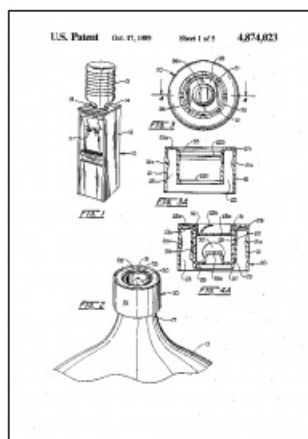
Source: US4874023A A system for supplying liquid in large bottles from a point where they are filled to a dispenser having a reservoir for receiving the liquid. The bottles each have a neck which carries a cap unit for closing the spout thereof. Each cap unit has an outlet valve that is normally closed. The reservoir has means for supporting another normally closed inlet valve in a neck-receiving socket. When the neck is slipped into the socket the outlet valve of the cap unit is opened and substantially simultaneously the inlet valve for the reservoir is opened thus allowing flow of water ...

Probable Assignee:

LIQUI BOX CORP

Assignee(s):(std):

LIQUI BOX CORP



Title:

Container cap having external bead

Abstract:

Source: US5123555A A plastic cap is used on containers, particularly of the type used commercially for five-gallon bottles containing liquids such as drinking water. A bead is formed on the exterior, preferably above the elevation of the horizontal tear line conventionally used in such caps. The bead is preferably flat on the outside surface and wide in a vertical sense. The bead functions to cause the cap to engage the neck of the container more securely. It also functions to retain in place a dust cap which fits over the top of the cap. It further functions as a seal for the type of cap ...

Probable Assignee:

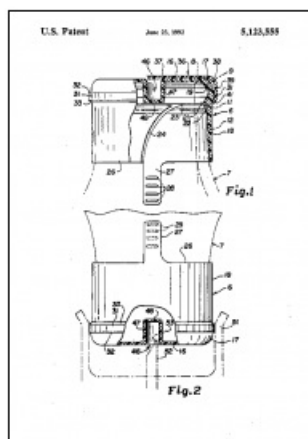
PORTOLA PACKAGING INC

Assignee(s):(std):

CAP SNAP CO

Assignee(s):

HELLER FINANCIAL INC ;
HELLER FINANCIAL INC A DE
CORP ; HELLER FINANCIAL INC
A DELAWARE BUSINESS TRUST
; PORTOLA PACKAGING INC ;
LUCH DANIEL ; ADAMS BRIAN
M



Title:

Plastic dispensing lid for a drinkable water jar

Abstract:

Source: GB2297081A 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 ...

Probable Assignee:

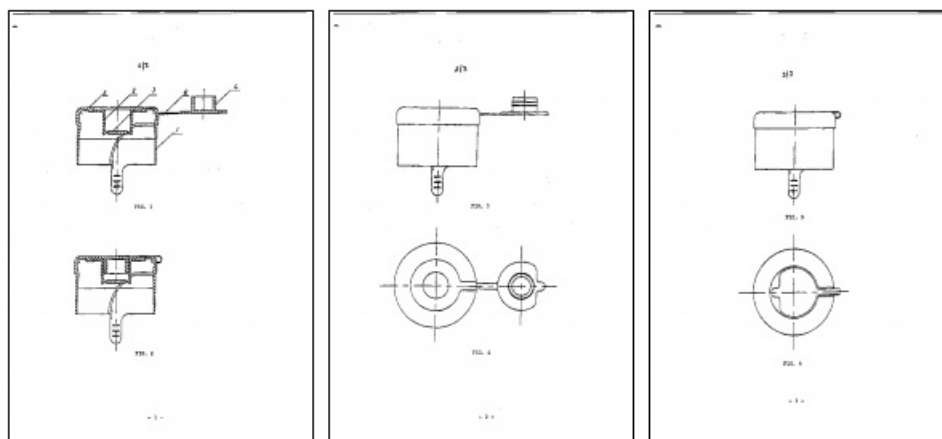
ZHONGFU INDUSTRY GROUP
CO ZHUH

Assignee(s):(std):

ZHONGFU IND GROUP CO ;
ZHONGFU IND GROUP CO
ZHUH ; ZHONGFU PLASTIC
BOTTLE CO LTD ; ZHONGFU
INDUSTRY GROUP CO ZHUH

Assignee(s):

ZHONGFU INDUSTRY GROUP
CO ZHUHAI CITY ; ZHONGFU
INDUSTRY GROUP CO



Title:

CLOSURE DEVICE FOR A CARBODY, PROVIDED WITH RETAINING AND CATCHING MEANS FOR A CAST OR MOULDED JOINT, AND METHOD FOR MAKING SAME

Abstract:

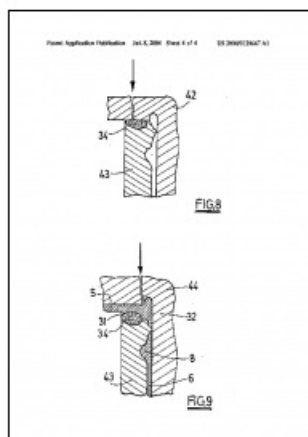
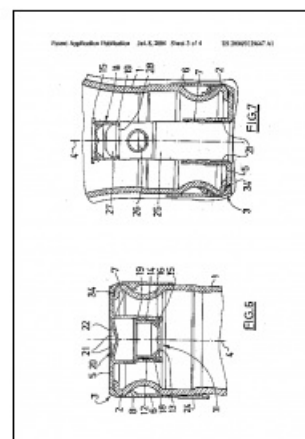
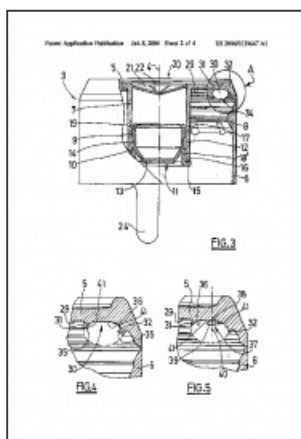
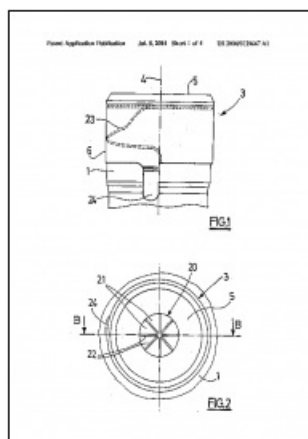
Source: US2004129667A The invention concerns a closure device for a carboy designed for a liquid dispenser of the water fountain type. The device comprises a cap (3) including a transverse wall (5) wherefrom projects an outer skirt (6). The transverse wall has, on its inner surface (29), an annular groove (30) coaxial with the cap, delimited by two ribs (31, 32) projecting from the transverse wall. The groove is designed to receive a cast or moulded joint (34), and to prevent the displacement thereof parallel to the transverse wall. The groove can also include on its inner surface means for ...

Probable Assignee:

BERICAP

Assignee(s):(std):

BERICAP ; BERICAP LONGVIC ; LAFIN BENOIT ; NUSBAUM PHILIPPE ; NUSBAUM PHILLIPPE ; RICAL SA ; RICAL



Title:

Bottle cap having tear tab and sealing bead

Abstract:

Source: US2002195414A A bottle cap including a top, a skirt, a locking bead, a tear tab, a line of weakness and a gusset. The top has a perimeter. The skirt depends from the perimeter and has having a bottom edge. The locking bead radially extends from the skirt intermediate the top and the bottom edge. The tear tab extends downward from the bottom edge. The line of weakness extends along the skirt upward from the bottom edge and onto the top. The gusset extends from the locking bead into the skirt. The cap allows a user to remove the cap from a bottle in a facile manner.

Probable Assignee:

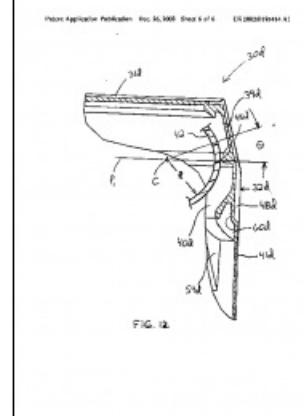
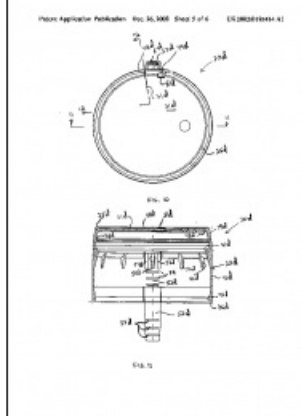
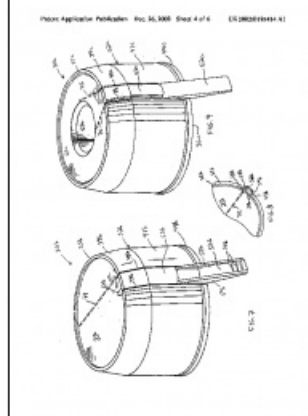
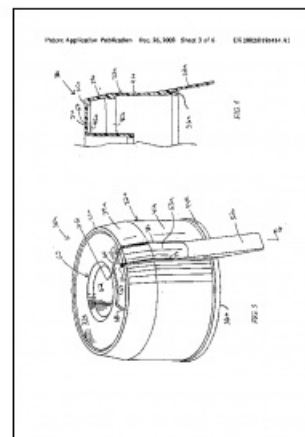
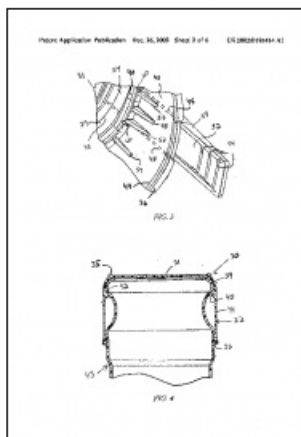
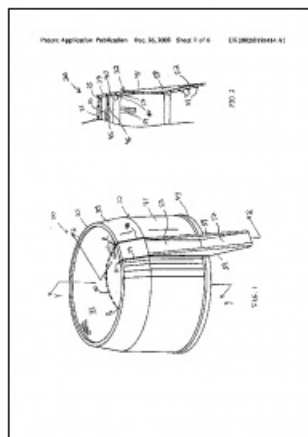
PORTOLA PACKAGING INC

Assignee(s):(std):

KIM SUNGSUK S ; LUCH DANIEL ; PORTOLA PACKAGING INC ; KIM SUNGSUK STEVE

Assignee(s):

HELLER FINANCIAL INC ; WAYZATA INVESTMENT PARTNERS LLC ; WAYZATA INVESTMENT PARTNERS LLC (AGENT FOR SUBORDINATED CREDITORS) ; WELLS FARGO FOOTHILL LLC AS AGENT ; WELLS FARGO FOOTHILL LLC AGENT AS ; WAYZATA INVESTMENT PARTNERS LLC AGENT FOR SUBORDIN ; WAYZATA INVESTMENT PARTNERS LLC AGENT FOR SUBORDINATED CREDITORS ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; GENERAL ELECTRIC CAPITAL CORP ; GENERAL ELECTRIC CAPITAL US AGENT AND CANADIAN AGE ; GENERAL ELECTRIC CAPITAL US AGENT AND CANADIAN AGENT AS CORP



Title:

CONTAINER CLOSURE FOR
OVERHEAD DRAINING
BEHAELTERVERSCHLUSS FÜR
UEBERKOPFENTLEERUNG

Abstract:

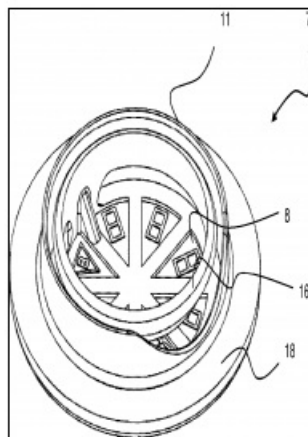
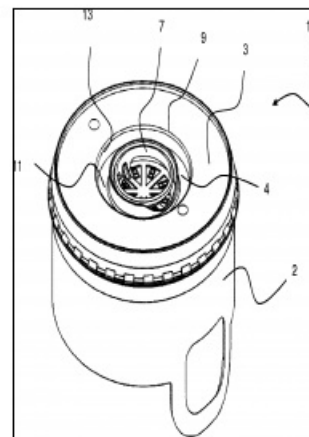
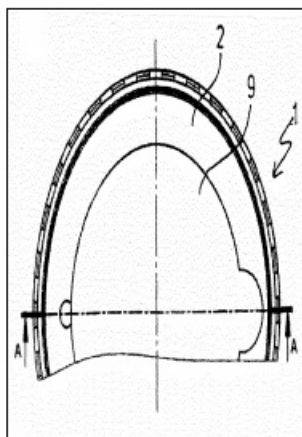
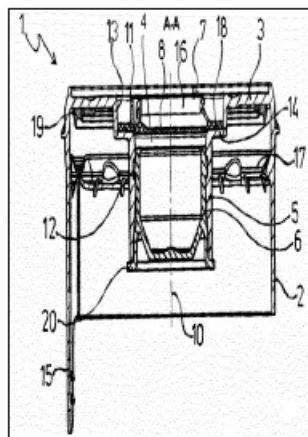
Source: WO14086612A1 The invention relates to a container closure for overhead draining, which comprises a closing cap (1) for placing onto a container neck, wherein the closing cap has an approximately cylindrical cap jacket (2) and a circular-disk-shaped head plate (3), which has a central opening (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, ...

Probable Assignee:

BERICAP HOLDING GMBH

Assignee(s):(std):

BERICAP HOLDING ; BERICAP
HOLDING GMBH



Title:

SISTEMA DE DISPENSACION
DE LIQUIDOS
LIQUIDS dispensing system
(Machine translation)

Abstract:

Source: CO7530061A La presente invencion es un sistema de intercambio de liquido y gas que esta compuesta por un cuerpo en forma de casquete cilindrico con una recamara 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 camara 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 especifica. Este orificio es en donde se inserta el punzon de los dispensadores de agua fria y ...

Probable Assignee:

C I DISENOS Y SIST S LTDA

Assignee(s):(std):

C I DISENOS Y SIST S LTDA

Assignee(s):

CI DISENOS Y SISTEMAS
LTDA



Title:

VERSCHLUSS FÜR EINE
FLASCHE ODER EINEN
ANDEREN BEHÄLTER
CLOSURE FOR A BOTTLE OR
ANOTHER CONTAINER
FERMETURE POUR UNE
BOUTEILLE OU UN AUTRE
RÉCIPIENT

Abstract:

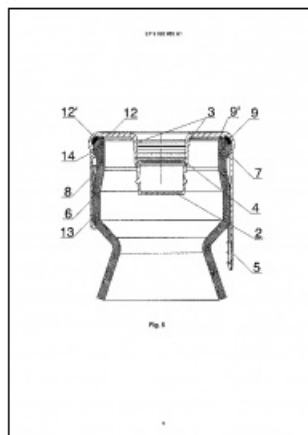
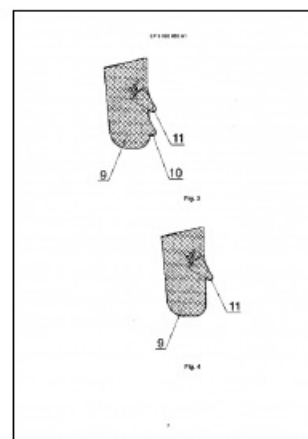
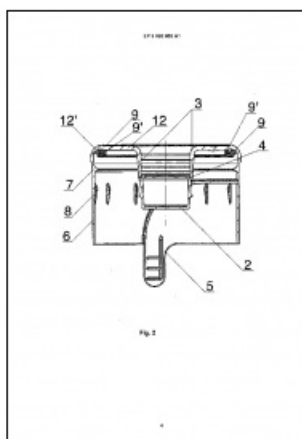
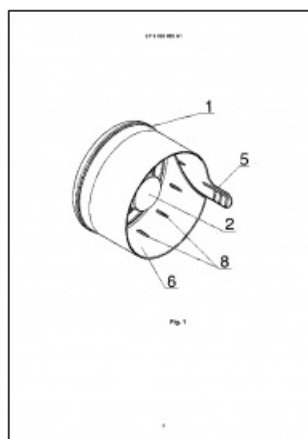
Source: EP3028955A1 A plastic closure for a bottle (13) or another container comprises a cylindrical cap (1) provided with a breakable strap holder (5) located on a lateral wall (6) of the cap, and an inwardly directed cylindrical adapter (3) and a cylindrical hollow plug (2), both coaxially formed in 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 ...

Probable Assignee:

VIKI PLAST SPOLKA AKCYJNA

Assignee(s):(std):

KRASKA WLADYSŁAW ; VIKI
PLAST SPOLKA AKCYJNA



Title:

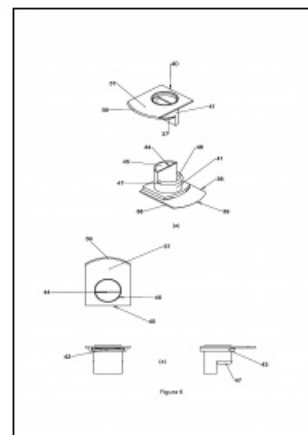
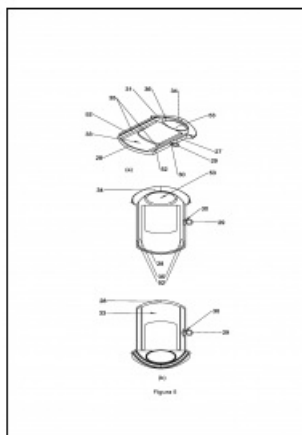
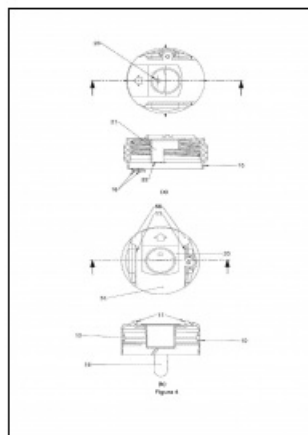
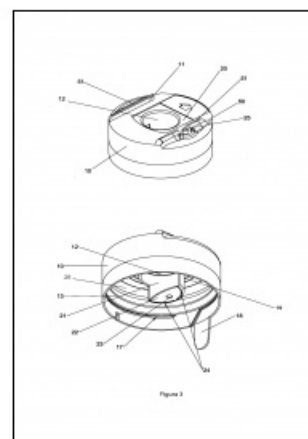
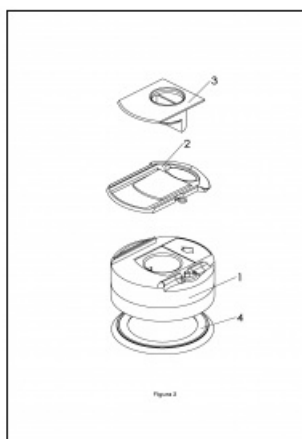
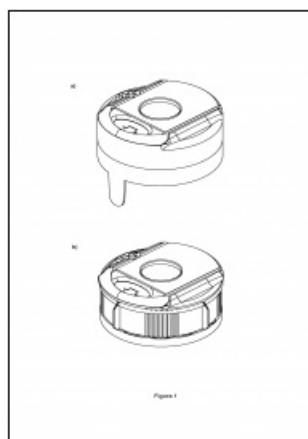
BOQUILLA TAPON
DISPENSADOR DE LIQUIDO
ALMACENADO EN
CONTENEDOR Y
PROCEDIMIENTO DE
ENSAMBLE, MONTAJE Y
OPERACION
Nozzle CAP Liquid dispenser
stored in container and
assembly, assembly and
Operation procedure (Machine
translation)

Probable Assignee:

CI DISENOS Y SISTEMAS
LTDA

Assignee(s):

CI DISENOS Y SISTEMAS
LTDA



3 more images available

Title:

TAPON PARA SELLAMIENTO Y DISPENSACION DE LIQUIDOS POR GIRO
Plug for sealing and dispensing of liquids by rotation (Machine translation)

Probable Assignee:

CI DISENOS Y SISTEMAS LTDA

Assignee(s):

CI DISENOS Y SISTEMAS LTDA