

Search history

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1:

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Search fn=(43647570 or 42225437 or 60554542 or 49552907 or 53489612 or 57567023 or 29049721 or 28997438 or 31719250 or 31031300 or 32436166 or 32436166 or 32658459 or 33150553 or 34363031 or 34434190 or 32310255 or 34434190 or 34434190 or 41784458 or 34434190 or 42869701 or 34434190 or 43000227 or 43000227 or 43031023 or 41575614 or 44003916 or 44005051 or 44049146 or 42439024 or 42227301 or 46844018 or 46987934 or 44451011 or 51118654 or 53652491 or 55901804 or 55977537 or 58418240 or 53664663 or 31719250 or 32436166 or 34434190 or 34434190 or 43031023 or 41784458 or 43000227 or 43000227 or 31031300 or 34434190 or 34434190 or 41575614 or 32310255 or 46844018 or 46987934 or 34434190 or 33214851 or 44451011 or 55982458 or 33214851 or 54077494 or 55796029 or 28997438 or 58589111 or 60348967 or 42142971 or 42676746 or 42676746 or 42676746 or 42676746 or 53745622 or 54305236 or 55101618 or 55796029 or 55796029 or 55796029 or 58589111 or 58589111 or 55796029 or 61699521 or 32310255 or 34964997 or 34964997 or 58589111 or 60554542 or 26622593 or 21762162 or 22278950 or 22532731 or 1345972 or 7745100 or 8082164 or 4875666 or 5166235 or 19260966 or 2252092 or 10200193 or 10351816 or 2588188 or 3245746 or 3274582 or 4198414 or 4444475 or 11271525 or 5013916 or 5149752 or 9029434 or 11285018 or 11655139 or 11921502 or 11985356 or 12454653 or 11086106 or 11695276 or 20724084 or 12602344 or 28164053 or 11861045 or 26744788 or 26611619 or 24464774 or 24447167 or 24413897 or 24382193 or 24360372 or 24334038 or 24369511 or 24353779 or 24326180 or 24247610 or 24233382 or 24215311 or 24201779 or 24196857 or 24185875 or 24260289 or 28993971) (Results 100)

Search fn=(43647570 or 42225437 or 60554542 or 49552907 or 53489612 or 57567023 or 29049721 or 28997438 or 31719250 or 31031300 or 32436166 or 32436166 or 32658459 or 33150553 or 34363031 or 34434190 or 32310255 or 34434190 or 34434190 or 41784458 or 34434190 or 42869701 or 34434190 or 43000227 or 43000227 or 43031023 or 41575614 or 44003916 or 44005051 or 44049146 or 42439024 or 42227301 or 46844018 or 46987934 or 44451011 or 51118654 or 53652491 or 55901804 or 55977537 or 58418240 or 53664663 or 31719250 or 32436166 or 34434190 or 34434190 or 43031023 or 41784458 or 43000227 or 43000227 or 31031300 or 34434190 or 34434190 or 41575614 or 32310255 or 46844018 or 46987934 or 34434190 or 33214851 or 44451011 or 55982458 or 33214851 or 54077494 or 55796029 or 28997438 or 58589111 or 60348967 or 42142971 or 42676746 or 42676746 or 42676746 or 42676746 or 53745622 or 54305236 or 55101618 or 55796029 or 55796029 or 55796029 or 58589111 or 58589111 or 55796029 or 61699521 or 32310255 or 34964997 or 34964997 or 58589111 or 60554542 or 26622593 or 21762162 or 22278950 or 22532731 or 1345972 or 7745100 or 8082164 or 4875666 or 5166235 or 19260966 or 2252092 or 10200193 or 10351816 or 2588188 or 3245746 or 3274582 or 4198414 or 4444475 or 11271525 or 5013916 or 5149752 or 9029434 or 11285018 or 11655139 or 11921502 or 11985356 or 12454653 or 11086106 or 11695276 or 20724084 or 12602344 or 28164053 or 11861045 or 26744788 or 26611619 or 24464774 or 24447167 or 24413897 or 24382193 or 24360372 or 24334038 or 24369511 or 24353779 or 24326180 or 24247610 or 24233382 or 24215311 or 24201779 or 24196857 or 24185875 or 24260289 or 28993971) (Results 100)

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Search 15: [SP]: 1. a closure assembly comprising: a lid and a can comprising: a tubular body having a lower end and an upper end and an annular upper wall which defines, internally, a seat for the hermetic seating of the lid, the lid comprising: a sealing portion, which is removably seated and retained in the seat and which is provided with an upper edge defined by an outer peripheral flange superiorly incorporated to the sealing portion and a seal portion having a lower skirt seated around part of the upper end of the tubular body, and an upper ring seated onto a circumferential extension of the upper end of the tubular body and being incorporated, externally, to the lower skirt and, internally and through radial bridges, to the upper edge of the sealing portion, the upper ring being provided in a plane which is substantially parallel to a plane defined by the upper edge, the seal portion presenting, in its circumferential extension, an interruption extending through a width of the upper ring and through at least part of a height of the lower skirt, the interruption defining a certain circumferential spacing between respective confronting edges of each of the upper ring and the lower skirt, wherein the sealing portion incorporates a gripping tab projecting radially outwardly and axially downwardly through said interruption of the seal portion, said gripping tab being manually operable only when part of the seal portion is ruptured, said radial bridges being ruptured when submitted to a certain pulling force to separate the seal portion from the sealing portion, when the lid is opened for the first time, and wherein the seal portion incorporates a first and a second axial cut, each extending through at least the height of the lower skirt and defining a rupture portion of the lower skirt that is superiorly incorporated to the upper ring, and wherein each of the first and the second axial cuts define a spacing between respective confronting edges of the rupture portion of the lower skirt and a remaining portion of the lower skirt, and wherein the gripping tab is defined in a the rupture portion of the lower skirt, and wherein the rupture portion of the lower skirt is adapted to be ruptured after the sealing portion is separated from the seal portion when the lid is opened for the first time, such that the seal portion is completely removable from the tubular body. 2. the closure assembly according to claim 1, wherein the gripping tab is substantially leveled with the upper ring and with the lower skirt, maintaining with said parts a gap along the whole extension thereof. 3. the closure assembly, according to claim 1, wherein the gripping tab is at least partially hollow, in order to define a handle. 4. the closure assembly, according to claim 3, wherein the gripping tab is axially and inferiorly extended beyond the lower skirt. 5. the closure assembly according to claim 1, wherein the gripping tab is solid. 6. the closure assembly according to claim 1, wherein the lower skirt is tightly seated around the circumferential extension of the upper end of the tubular body. 7. the closure assembly, according to claim 6, wherein the lower skirt incorporates the ends of a seal bridge, circumferentially extended over the interruption of the seal portion and over the gripping tab, a first end of said ends of the seal bridge being incorporated to the lower skirt by connecting means to be ruptured when said first end is forced away from the lower skirt, in order to liberate the manual access to the gripping tab. 8. the closure assembly, according to claim 7, wherein the seal bridge has its first end disposed over the lower skirt and incorporated to the lower skirt by two connecting means that are circumferentially spaced from each other. 9. the closure assembly according to claim 6, wherein the seal portion comprises at least one breakable lock connecting the gripping tab to at least one of the parts defined by the upper ring and by the lower skirt of the seal portion. 10. the closure assembly according to claim 1, wherein the upper ring incorporates an upper circumferential rib projecting over the upper end of the tubular body, in order to fit loosely and telescopically in the lower end of another tubular body stacked over the first one. 11. the closure assembly according to claim 10, wherein the upper circumferential rib is continuous. 12. the closure assembly according to claim 10, wherein the upper

circumferential rib fits around the lower end of said other tubular body stacked over the first one. 13. the closure assembly according to claim 10, wherein the upper circumferential rib fits in the interior of a circumferential recess provided internal to the lower end of said other tubular body stacked over the first one. 14. a closure assembly comprising: a lid and a can comprising a tubular body having a lower end and an upper end carrying a seat for the hermetic seating of the lid, the lid comprising: a sealing portion, which is removably seated and retained in the seat and provided with an upper edge projecting radially outwardly from the seat and a seal portion having a lower skirt seated around part of the upper end of the tubular body, and an upper ring seated on part of the upper end of the tubular body and being incorporated, externally, to the lower skirt and, internally and through radial bridges, to the upper edge of the sealing portion, the seal portion presenting, in its circumferential extension, an interruption extending through a width of the upper ring and through at least part of a height of the lower skirt, wherein the sealing portion incorporates a solid gripping tab projecting radially outwardly and axially downwardly through said interruption of the seal portion, the gripping tab being manually operable only when part of the seal portion is ruptured, said radial bridges being ruptured when submitted to a certain pulling force to separate the seal portion from the sealing portion, when the lid is opened for the first time, and wherein the seal portion incorporates a first and a second axial cut, each extending through at least the height of the lower skirt and defining a rupture portion of the lower skirt that is superiorly incorporated to the upper ring, and wherein each of the first and the second axial cuts define a spacing between respective confronting edges of the rupture portion of the lower skirt and a remaining portion of the lower skirt, and wherein the gripping tab is defined in the rupture portion of the lower skirt, and wherein the rupture portion of the lower skirt is adapted to be ruptured after the sealing portion is separated from the seal portion when the lid is opened for the first time, such that the seal portion is completely removable from the tubular body. 15. the closure assembly according to claim 14, wherein the rupture portion of the lower skirt is defined by a "u" shaped strip maintaining a gap around a respective extension of the gripping tab, separating it from the rupture portion. 16. the closure assembly according to claim 15, wherein the axial cuts extend radially inwardly through a certain extension of the width of the upper ring. 17. a lid comprising: a sealing portion, which is provided with an upper edge defined by an outer peripheral flange superiorly incorporated to the sealing portion and a seal portion having a lower skirt and an upper ring being incorporated, externally, to the lower skirt and, internally and through radial bridges, to the upper edge of the sealing portion, the upper ring being provided in a plane which is substantially parallel to a plane defined by the upper edge, the seal portion presenting, in its circumferential extension, an interruption extending through a width of the upper ring and through at least part of a height of the lower skirt, the interruption defining a certain circumferential spacing between respective confronting edges of each of the upper ring and the lower skirt, wherein the sealing portion incorporates a gripping tab projecting radially outwardly and axially downwardly through said interruption of the seal portion, said gripping tab being manually operable only when part of the seal portion is ruptured, said radial bridges being ruptured when submitted to a certain pulling force to separate the seal portion from the sealing portion, when the lid is opened for the first time, and wherein the seal portion incorporates a first and a second axial cut, each extending through at least the height of the lower skirt and defining a rupture portion of the lower skirt that is superiorly incorporated to the upper ring, and wherein each of the first and the second axial cuts define a spacing between respective confronting edges of the rupture portion of the lower skirt and a remaining portion of the lower skirt, and wherein the gripping tab is defined in the rupture portion of the lower skirt and wherein the rupture portion of the lower skirt is adapted to be ruptured after the sealing portion is separated from the seal portion when the lid is opened for the first time, such that the seal portion is completely removable from the tubular body, and wherein, for the purpose of forming a closure assembly comprising the lid and a tubular body, the lower skirt is adapted to be seated around part of an upper end of the tubular body, the upper ring is adapted to be seated onto a circumferential extension of the upper end of the tubular body, and the sealing portion is adapted to be removably seated in a seat defined by an annular upper wall that is internal to the tubular body. (Results 108)

Search 16: fn=(43046450 or 34557566 or 36081182 or 51337189 or 32019472 or 34608480 or 34889289 or 40491803 or 31848489 or 42146477 or 34492719 or 41778050 or 44517852 or 34608480 or 47544166 or 42072845 or 48274943 or 41939058 or 43693998 or 34608480 or 34608480 or 42146477 or 31848489 or 40491803 or 34608480 or 36081182 or 44517852 or 42072845 or 55704508 or 43693998 or 41778050 or 34893346 or 62294201 or 42072845 or 59497521 or 34893346 or 44327824 or 48852759 or 48965360 or 49615332 or 49863584 or 50095558 or 50122353 or 50122358 or 49863584 or 49863584 or 50477522 or 50887759 or 53666197 or 53666197 or 53666197 or 53666197 or 60690382 or 34557566 or 36081182 or 43046450 or 43046450 or 34893346 or 2110935 or 28638906 or 12906866 or 13348936 or 12486771 or 13200430 or 30909505 or 50084773 or 39271426 or 40454422 or 30003516 or 15995351 or 29418508 or 31766987 or 31492581 or 21179506 or 21762270 or 22883760 or 992102 or 1018047 or 30188236 or 7525652 or 7525652 or 1209197 or 1209197 or 5038515 or 6871584 or 1542432 or 1542432 or 1357254 or 7628961 or 1331595 or 8650884 or 8654538 or 4841867 or 2047022 or 4777844 or 2275750 or 5383737 or 10127508 or 5274639 or 10181081 or 2932115 or 10236199 or 10236201 or 3483316 or 4186396 or 4307478 or 3787445 or 4507854 or 4616299 or 4736594 or 4860277 or 5080218 or 5080218 or 5128748 or 11212516 or 11621117 or 8478468 or 13008507 or 13008507 or 23202998 or 15010707 or 10676825 or 10687817 or 10758150 or 11426617 or 11298247 or 28638906 or 11825707 or 30246901 or 11901960 or 30263717 or 12396044 or 13180606 or 15423139 or 29026346 or 15995351 or 29418508 or 24236900 or 29446134 or 15995351) (Results 107)

Search 17: fn=(50906442 or 13535808 or 29051333 or 34893346 or 34893346 or 34893346 or 12167561 or 13535808 or 29051333 or 34893346 or 34893346 or 34893346 or 59497521 or 34893346 or 30664766 or 50906442 or 21898331 or 23013996 or 2798683) (Results 10)

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Search (Results)
19:

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Search 21: fn=(50519376:305 or 43047041:185 or 29382384:180 or 28267495:165 or 30984778:150 or 12525110:150 or 54161234:145 or 30236681:140 or 11742033:140 or 10674376:140 or 3285941:140 or 28688909:135 or 3738560:135 or 57403186:130 or 41968127:130 or 30455912:130 or 41799160:125 or 11100691:125 or 56193032:120 or 37086723:120 or 29228061:120 or 28996381:120 or 5050402:120 or 3483465:120 or 57403185:115 or 56841189:115 or 56841163:115 or 54161243:115 or 53507336:115 or 42181152:115 or 11613546:115 or 9033711:115 or 8301702:115 or 7786532:115 or 4534267:115 or 4225301:115 or 54023981:110 or 49771280:110 or 42651016:110 or 31006296:110 or 30831316:110 or 30141688:110 or 30132319:110 or 29664694:110 or 24123053:110 or 13268414:110 or 12751844:110 or 11646524:110 or 11404963:110 or 10905309:110 or 10667957:110 or 10349150:110 or 8931197:110 or 4265310:110 or 3324468:110 or 30044471:105 or 29049698:105 or 20421579:105 or 19171973:105 or 5176911:105 or 5043247:105 or 4784797:105 or 3201278:105 or 3186211:105 or 2777382:105 or 2283968:105 or 1332501:105 or 64975819:100 or 60554824:100 or 54325400:100 or 50114794:100 or 47632262:100 or 46848719:100 or 45942751:100 or 41630697:100 or 33226578:100 or 32559700:100 or 31335283:100 or 30998005:100 or 30236645:100 or 29000271:100 or 28104088:100 or 23922163:100 or 17711556:100 or 17674974:100 or 17643096:100 or 12453499:100 or 10549008:100 or 9601685:100 or 8984507:100 or 8761600:100 or 8380534:100 or 3807776:100 or 1895091:100 or 1439867:100 or 1065563:100 or 90352:100 or 52582727:95 or 42180946:95 or 24048640:95) (Results 100)

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Search 26: fn=(41882882 or 42586769 or 34029940 or 486151 or 30188236 or 18005873 or 3857710 or 4223054 or 4294902 or 4439933 or 4646238 or 4766172 or 5453069 or 3786656 or 10345033 or 2150074 or 30245974 or 11141773 or 30992633 or 13261668 or 30089294 or 29324981 or 33992951 or 40491803 or 51959680) (Results 25)

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Search 28: PA=(DICON ARQUITECTURA S.A.S.) (Results 0)

Search 29: PA=(DICON ARQUITECTURA S.A.S.) and INV=(CESAR AUGUSTO DUQUE BEDOYA) (Results 0)

Search 30: INV=(CESAR AUGUSTO DUQUE BEDOYA) (Results 0)

Search 31: PN=(co20160103192) (Results 0)

Search 32: AP=(co20160103192) (Results 0)

Search 33: PN=(US4721210 or US3159303 or US2005092751 or US3048299 or US2014326735 or US2998158 or US4966294 or US3108708 or DE8226485 or US5143241 or DE20115057 or US2003201266 or US2614727 or US2002092852 or GB2387379 or GB810970 or US3048299 or WO9855365 or US2009032535 or US2014326735 or GB2305415 or US4006839 or US4215797 or US4595117 or US5125528 or EP0504642 or WO0128883 or US2016257453 or GB2257118 or GB2305415 or US9546018 or US2012241456) (Results 29)

Search 34: fn=(49583481 or 54138085 or 53956261 or 53956261 or 59881898 or 44067254 or 49583481 or 49583481 or 49583481 or 60600406 or 52672964 or 52672964 or 57789190 or 51716786 or 52672964 or 51716786 or 57710456 or 49583481 or 57789191 or 52073938 or 47632262 or 49583481 or 51932712 or 51932712 or 57789190 or 15345214 or 17696455 or 22606327 or 30568438 or 836740 or 983861 or 3123001 or 15345214 or 3526864 or 29258301 or 10808558 or 20643916 or 12663148) (Results 26)

Search 35: fn=(57789190 or 54380509 or 57789190 or 64698133 or 2490210 or 1299557 or 8371664 or 4735214 or 3334508 or 12106926 or 33006584 or 8588481) (Results 11)

Search 36: fn=(53180877 or 33006584 or 4824139 or 5195063 or 2177492 or 1571982 or 4824139 or 30568438 or 43192606 or 4824139 or 4824139 or 29257875 or 29257875 or 33006584 or 33006584 or 5195063 or 5195063 or 3006760 or 3006760 or 10808558 or 10808558 or 28624465 or 33006584) (Results 12)

Search 37: [SP]: **warning** start of clms field may overlap end of desc **.surface which is located in the circumferential groove 11 in the container. the side wall 14 is tapered outwards at an angle of approximately 8. the upper edge of the side wall is joined to an annular flange 16 lying in a plane parallel to that of the disc part 13 and the outer edge of this flange is formed with a downturned flange 17 which thus lies generally parallel to but spaced from the side wall. the dimensions of this downturned flange in a direction normal to the disc part of the lid is approximately half that of the side wall. the annular flange 16 is of constant radial width around the periphery of the lid except over an arc subtending approximately 60 at the centre. over this arc the annular flange has an increased radial width which at the centre of the arc is approximately three times the normal width. the tab 18 so formed has a smoothly rounded edge when viewed in plan and the edge of this tab has a downturned flange 19 corresponding to and formed integral with the down-turned flange 17 on the remaining part of the annular flange.what we claim is:-1. a lid for a container of the kind referred to comprising a generally flat circuprovisional specification.detachable closure members for open ended containers.we, mono containers limited, a company registered under the laws of greatbritain, of cumberland avenue, park royal,london, n.w.10, do hereby declare the invention to be described in the following statement:this invention relates to open ended containers of the kind comprising a lower generally cylindrical body part having a side wall which tapers slightly inwards towards the base, a circumferential groove in the inner surface of the side wall adjacent the upper edge of this wall (usually forming an outwardly projecting bead on the outer surface of the side wall), and a low extension of the side wall above the groove, the upper rim or edge of this extension being turned outwardly and somewhat downwardly to form a lip around the edge of the container.in particular the invention relates to closure members for such containers.it has already been proposed to provide a detachable lid for containers of the kind referred to comprising a generally flat circular disc with a shallow upturned side wall, this side wall being provided at or adjacent to its junction with the disc with an outwardly projecting bead to engage the internal groove in the side wall of the conlar disc with a shallow upturned side wall, this side wall being provided at or adjacent to its junction with the disc with an outwardly projecting bead to engage the internal groove in the side wall of the container, the upper edge of the side wall of the lid being turned outwardly and then downwardly to form an overhanging lip which at least partly covers the lip on the rim of the container, the lid also being provided with an outwardly projecting tab extending outward beyond the lip of the container to facilitate removal of the lid.2. a lid for a container as claimed inclaim 1 in which the tab is formed integral with the out-turned lip on the lid, which over a limited part of the circumference of the lid extends outwards, in a plane parallel to the disc part, a distance appreciably greater than the corresponding radial width of the remaining part of this lip, and has a downturned flange at its edges which is united to the down-turned part of the lip and thus acts as a stiffening member for the tab.3. a lid, or the combination of a container and lid, substantially as described with reference to the accompanying drawings.tainer, the upper edge of the side wall of the lid being turned outwardly and then downwardly to form an overhanging lip which at least partly covers the lip on the rib of the container. the main purpose of the overhanging lip on the lid is to cover and protect the lip on the rim of the container for reasons of hygiene when the container is used for food. one of the disadvantages of the overhanging lip on the lid however is that it is

PatBase PDF Export - Page: 5 17/04/2017

Title: CONTAINER AND CLOSURE THEREFOR

Abstract: Source: US2614727A (Claim 1) sure and the, scope of _the appched cla,iM_.

Classifications:

International (IPC 8-9): B65D43/02 (Advanced/Invention);

B65D43/02 (Core/Invention)

International (IPC 1-7): B60N3/10 B65D3/10 B65D41/18 B65D43/08 B65D85/72

CPC: B65D43/0212 B65D2543/00092 B65D2543/00296

B65D2543/00527 B65D2543/00537 B65D2543/00629

B65D2543/00685 B65D2543/0074 B65D2543/00796

European: B65D43/02S3E L65D543/00Y1F2C L65D543/00Y1M6

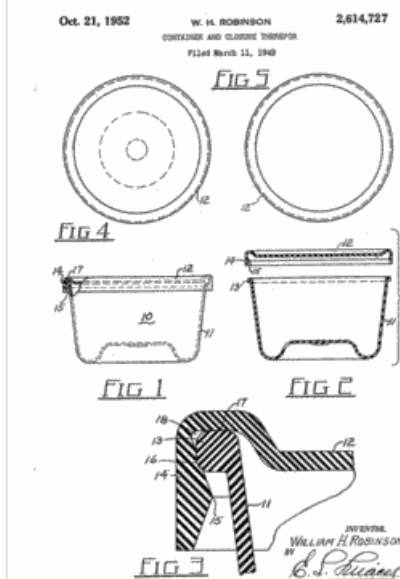
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L65D543/00Y8S1D2 L65D543/00Y8S3B4 L65D543/00Y8S3D2

US: 215/317 215/373 220/659 220/780 229/5.5 33/1C 47/41.11

D7/629

PatBase - US2614727_A



Family:

Publication number	Publication date	Application number	Application date
US2614727 A	19521021	US19490080875	19490311

Priority:

US19490080875 19490311

Probable Assignee:

ROBINSON WILLIAM H

Assignee(s): (std):

ROBINSON WILLIAM H

Inventor(s): (std):

ROBINSON WILLIAM H

Title: Detachable closure members for open ended containers

Abstract: Source: GB810970A 810,970. Container closures. MONO CONTAINERS Ltd. Dec. 6, 1957 [Nov. 22, 1956], No. 36713/56. Class 125(3). A container closure comprises a disc part 13 with a shallow side wall 14 formed with a bead 15 to engage a groove 11 in the container, an annular flange 16 and a downturned flange 17 the flange 16 having an increased radial width over an arc of approximately 60 degrees to form a tab 18 to facilitate removal.

Classifications:

International (IPC 8-9): B65D43/02 (Advanced/Invention); B65D43/02 (Core/Invention)

International (IPC 1-7): B65D39/04 B65D85/72

CPC: B65D43/021 B65D2543/00092 B65D2543/00296

B65D2543/00509 B65D2543/00537 B65D2543/00555

B65D2543/0062 B65D2543/00685 B65D2543/00731

B65D2543/00796 B65D2543/00842

European: B65D43/02S3D L65D543/00Y10B2 L65D543/00Y1F2C

L65D543/00Y1M6 L65D543/00Y8D1C L65D543/00Y8D3

L65D543/00Y8D5 L65D543/00Y8S1B2 L65D543/00Y8S1D2

L65D543/00Y8S3B2 L65D543/00Y8S3D2

PatBase - GB810970_A

810,970 COMPLETE SPECIFICATION
I SHEET
This drawing is a reproduction of
the Original in a reduced scale.

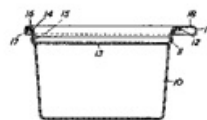


Fig. 1.

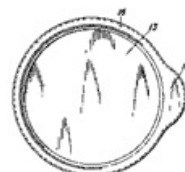


Fig. 2.

Family:

Publication number	Publication date	Application number	Application date
GB810970 A	19590325	GB19560035713	19561122

Priority:

GB19560035713 19561122

Probable Assignee:

MONO CONTAINERS LTD

Assignee(s): (std):

MONO CONTAINERS LTD

Assignee(s):

MONO CONTAINERS LIMITED

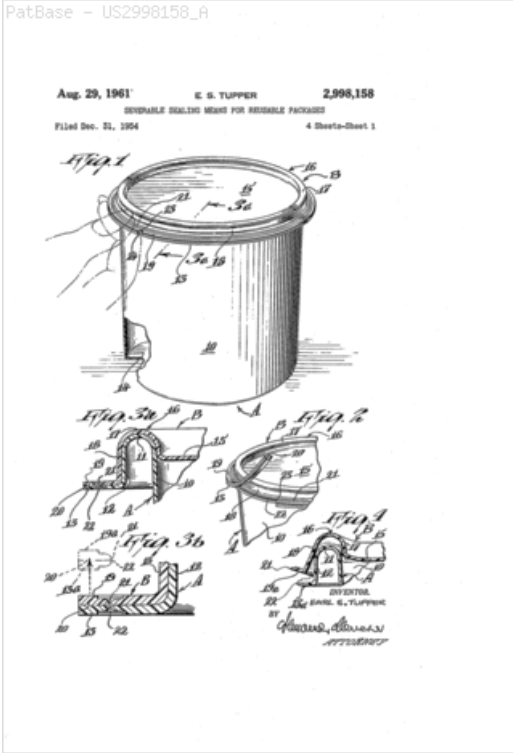
Inventor(s): (std):

DRAPER HAROLD JOHN

Title: SEVERABLE SEALING MEANS FOR REUSABLE PACKAGES

Abstract: Source: US2998158A (Claim 1) In a heat sealable package of resilient locally deformable thermoplastic material including polyethylene, styrenes and vinyls and consisting of a container and an engaging cover therefor, an outwardly and downwardly folded container edge terminating in an outwardly extending flange and an engaging outwardly and downwardly folded cover edge also terminating in an outwardly 50 extending flange adapted to superpose and engage the first mentioned flange, said flanges on the engaging faces and adjacent the free edges having a peripheral and permanently fused -area, said flanges on the non-engaging faces and inwardly of the fused area being provided with 55 aligned and peripheral scoring lines, means on the flanges to initiate severance of the fused and outer portions of the flanges along said scoring lines for removal of the said portions of the flanges whereby the cover and container may be reused as a frictionally engageable, seal-00 tight and removable cover for the container.

Classifications:
International (IPC 8-9): B65D43/02 (Advanced/Invention); B65D43/02 (Core/Invention)
International (IPC 1-7): B29C17/02 B65D41/60
CPC: Y02W30/807 B65D43/0268 B65D43/0254 B65D43/0274 B65D2101/0092 B65D2543/00092 B65D2543/00296 B65D2543/00425 B65D2543/00509 B65D2543/00527 B65D2543/00537 B65D2543/00546 B65D2543/00555 B65D2543/0062 B65D2543/00685 B65D2543/00731 B65D2543/00796
European: B65D43/02T3D B65D43/02T5B B65D43/02T5E L65D101/00A7 L65D543/00Y1F2C L65D543/00Y1M6 L65D543/00Y4 L65D543/00Y8D1C L65D543/00Y8D1N L65D543/00Y8D3 L65D543/00Y8D3N L65D543/00Y8D5 L65D543/00Y8S1B2 L65D543/00Y8S1D2 L65D543/00Y8S3B2 L65D543/00Y8S3D2
US: 220/276



Family:

Publication number	Publication date	Application number	Application date
US2998158 A	19610829	US19540479044	19541231

Priority:

US19540479044 19541231

Probable Assignee: REXALL DRUG CHEMICAL

Assignee(s): (std): REXALL DRUG CHEMICAL

Assignee(s): REXALL DRUG AND CHEMICAL CO ; REXALL DRUG AND CHEMICAL COMPANY

Inventor(s): (std): TUPPER EARL S

Title: RE-USABLE PLASTIC CONTAINERS

Abstract: Source: GB907256A 907,256. Plastics containers; packages; container closures. PLASTOMATIC CORPORATION. Nov. 9, 1960 [Dec. 30, 1959], No. 38556/60. Classes 66, 94 (1) and 125 (3). A container comprises a body of synthetic plastics material having an integral tear-off bead 11, a re-usable cover 15 and an outer film 20 of plastics film heatsealed both to the cover 15 and the bead 11 after the container is filled. A tab 13 is provided to enable the cover 15 and film 20, together with the bead 11, to be torn off. The space between the cover and outer film may be used to contain a material separate from the container contents. The container body and cover 15 may be moulded from polypropylene or polythene. The outer film 20 may be a single layer of polythene or polypropylene or a laminate; it may be transparent, and be printed or embossed; and it may be in the form of an annulus, Fig. 8 (not shown).

Classifications:

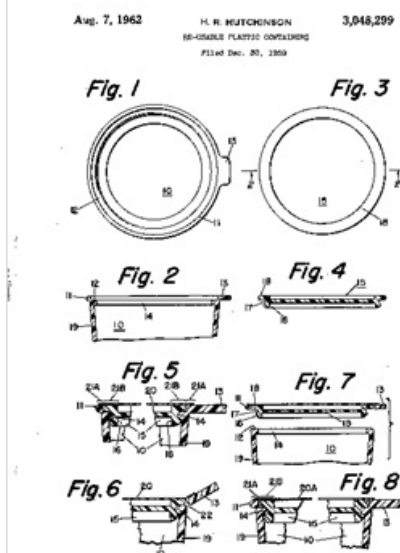
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CPC: Y02W30/807 B65D43/021 B65D2101/0015 B65D2543/00092 B65D2543/00231 B65D2543/00296 B65D2543/00425 B65D2543/005 B65D2543/00546 B65D2543/00629 B65D2543/00685 B65D2543/0074 B65D2543/00796 B65D2543/0087

European: B65D43/02S3D L65D101/00A2 L65D543/00Y10D2 L65D543/00Y1F2C L65D543/00Y1H L65D543/00Y1M6 L65D543/00Y4 L65D543/00Y8D1B L65D543/00Y8D3N L65D543/00Y8S1B4 L65D543/00Y8S1D2 L65D543/00Y8S3B4 L65D543/00Y8S3D2

US: 220/270 220/627

PatBase - US3048299_A



Family:

Publication number	Publication date	Application number	Application date
GB907256 A	19621003	GB19600038556	19601109
US3048299 A	19620807	US19590863023	19591230

Priority:

US19590863023 19591230

Probable Assignee:

PLASTOMATIC CORP

Assignee(s): (std):

PLASTOMATIC CORP

Inventor(s): (std):

HUTCHINSON HERMAN R

Title: SEALED PLASTIC CONTAINERS

Abstract: Source: GB906180A 906,180. Opening containers. PLASTOMATIC CORPORATION. Oct. 31, 1960 [Nov. 10, 1959], No. 37387/60. Class 66. A container 11 of synthetic plastics material has a flange 12 formed with opposed grooves 13, 15 which enable the outer portion of the flange and a cover 16 of plastics film to be torn off. The cover 16, which may be of polyethylene, coated cellophane, or polypropylene, is heatsealed to the flange 12, and they may be used together, after the flange 12 is torn, to form a re-usable cap. A tab 18 aids in tearing the flange. The groove 13 may extend only part of the way round the periphery of the flange 12 so leaving an ungrooved portion of the flange to form a hinge for the cover; similarly, the groove 15 may either be part-circular or endless. The container may be moulded from polyethylene, or polypropylene. The cover may be of transparent film to enable viewing of the container contents, or it may be treated to make it microporous and allow the passage of gas but not of moisture. The container may be of rectangular cross-section.

Classifications:

International (IPC 8-9): B65B51/14 B65B7/28 B65D77/20

B65D77/22 B65D77/38 (Advanced/Invention);

B65B51/14 B65B7/28 B65D77/10 B65D77/22 (Core/Invention)

International (IPC 1-7): B65D17/16 B65D3/10 B65D41/50

CPC: Y02W30/807 B65D77/2052 B65D77/2092 B65D2577/205

B65D2577/2083 B65D77/38 B65B7/2878 B65B51/14 B65D77/22

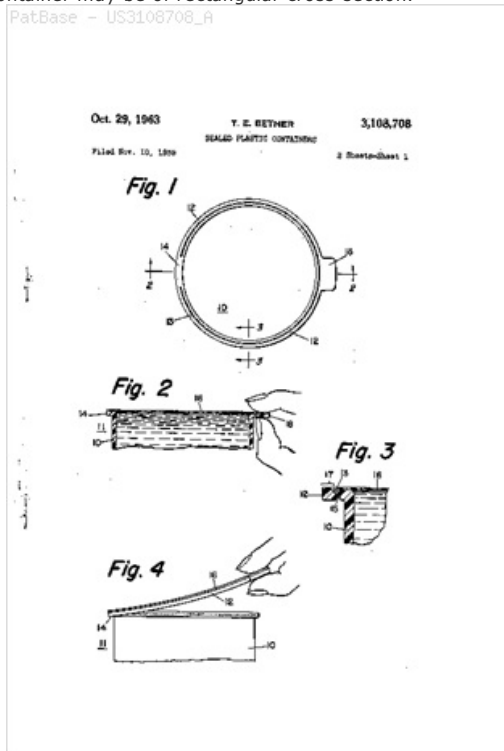
European: B65B51/14 B65B7/28F4 B65D77/20E1B3B1

B65D77/20E2B2B B65D77/22 B65D77/38 L65D577/20M1

L65D577/20P1

US: 220/269 220/270 229/123.3 229/125.35 229/207 229/211

PatBase - US3108708_A



Family:

Publication number	Publication date	Application number	Application date
DE1183857 B	19641217	DE1960P026009	19601110
DE1411581 A1	19681010	DE19601411581	19601215
GB906180 A	19620919	GB19600037387	19601031
GB966821 A	19640819	GB19620025313	19601109
US3096904 A	19630709	US19590859685	19591215
US3108708 A	19631029	US19590852040	19591110

Priority:

US19590852040 19591110 US19590859685 19591215

Probable Assignee: PLASTOMATIC CORP

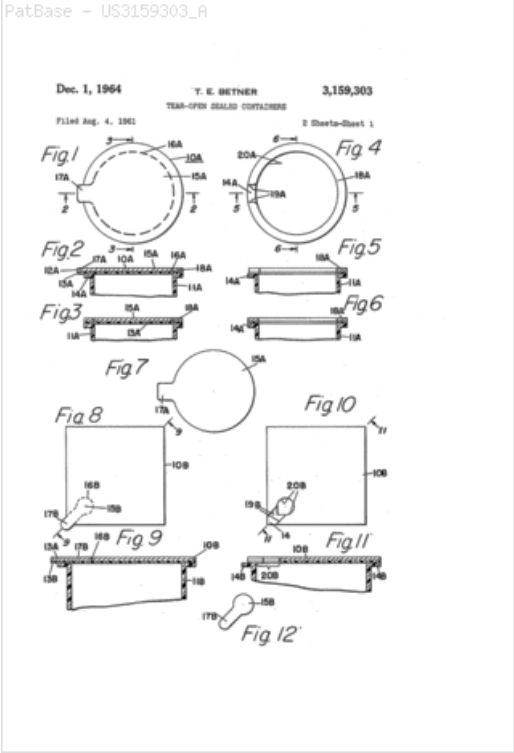
Assignee(s): (std): PLASTOMATIC CORP

Inventor(s): (std): BETNER THOMAS EUGENE ; HUTCHINSON HERMAN R ; RUMPP HUTCHINSON HERMAN ; BETNER THOMAS E

Title: TEAR-OPEN SEALED CONTAINERS

Abstract: Source: US3159303A (Claim 1) 1. A sealed container which can be opened without recourse to a knife or other tool comprising a container having an open end bounded by a lip, and a lid extending over and peripherally sealed to said lip of the container body, said lid consisting of two coextensive layers of substantially different strength and having their adjacent faces bonded together throughout the areas thereof, the inner and weaker of said layers being imperforate and sealed throughout its marginal area to said lip to provide hermetic sealing of the container by said lid, the outer and stronger of said layers having a tab extending from a tear-out section defined by a tear-line, the bond between said layers (a) maintaining the stronger outer layer in position to protect the inner weaker layer from accidental rupture, (b) insuring that lifting of said tab for removal of said tear-out section of the stronger outer layer of the lid is effective to cause concurrent tearout of the corresponding bonded area of the previously imperforate inner weaker layer of the lid, and (c) insuring that during tear-out the remainder of the lid remains attached to the container body.

Classifications:
International (IPC 1-7): B65D17/16
CPC: B65D17/161
European: B65D17/16B
US: 220/270 229/123.2



Family:

Publication number	Publication date	Application number	Application date
US3159303 A	19641201	US19610129363	19610804

Priority:

US19610129363 19610804

Probable Assignee: ACME PLATE AND MAT CO
Assignee(s): (std): ACME PLATE AND MAT CO ; ACME PLATE AND MAT COMPANY
Inventor(s): (std): BETNER THOMAS E

Title: Container with snap cover having frangible portions

Abstract: Source: US4006839A A container assembly wherein an initially filled container and its closure cover have coextensive flat edge regions attached by welds and also have independent snap fit connection. To safeguard against unauthorized opening and reclosing, provision is made for producing a tear line pattern in the cover upon detaching the edge regions at the welds, such rendering the edge regions incapable of undetectable reassembly to initial cover closed condition, but not affecting the ability of the snap fit connection to more or less temporarily reclose the assembly.

Classifications:

International (ipc 8-9): B65D41/18 B65D43/02

B65D55/02 (Advanced/Invention);

B65D43/02 B65D55/02 (Core/Invention)

International (ipc 1-7): B65D17/16 B65D41/16 B65D41/18

B65D41/32 B65D41/58 B65D43/06 B65D55/02 B65D85/72

B65D85/74

CPC: B65D43/0249 B65D43/0254 B65D55/024 B65D2101/0023

B65D2101/0092 B65D2543/00092 B65D2543/00277

B65D2543/00314 B65D2543/00425 B65D2543/00509

B65D2543/00527 B65D2543/00537 B65D2543/00555

B65D2543/0062 B65D2543/00657 B65D2543/00685

B65D2543/00731 B65D2543/00796 B65D2543/00814

B65D2543/00842

European: B65D43/02T3B B65D43/02T3D B65D55/02F

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L65D543/00Y1M10 L65D543/00Y1M4 L65D543/00Y4

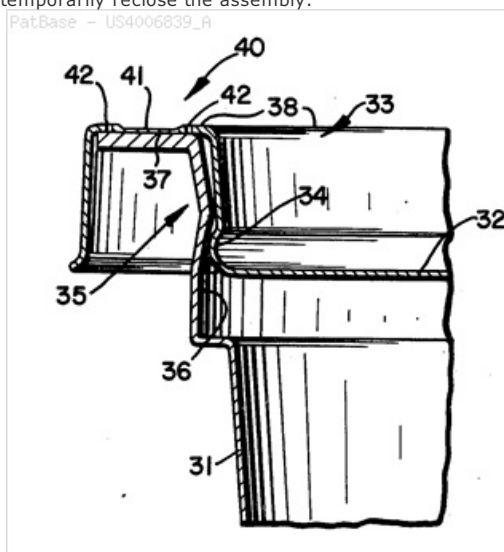
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L65D543/00Y8D5 L65D543/00Y8S1B10 L65D543/00Y8S1B2

L65D543/00Y8S1D2 L65D543/00Y8S3B2 L65D543/00Y8S3D2

L65D543/00Y8S3D6

US: 220/266 220/359.4 229/123.2 229/125.17



Family:

Publication number	Publication date	Application number	Application date
AT353676 B	19791126	AT19760005511	19760727
AT551176 A	19790415	AT19760005511	19760727
CA1043740 A1	19781205	CA19760257878	19760727
CH605294 A	19780929	CH19760009509	19760726
DE2533631 A1	19770210	DE19752533631	19750728
NL7608403 A	19770201	NL19760008403	19760728
US4006839 A	19770208	US19760665409	19760310

Priority:

DE19752533631 19750728

Probable Assignee: BELLAPLAST GMBH

Assignee(s): (std): BELLAPLAST GMBH

Assignee(s): BELLAPLAST GMBH TE WIESBADEN BIEBRICH BONDSREPUBLIC DUITSLAND ; HELL HANS ; THIEL ALFONS W ; BELLAPLAST G M B H

Inventor(s): (std): HELL HANS ; THIEL ALFONS W

Inventor(s): W THIEL ALFONS ; ALFONS W THIEL ; HANS HELL

Title: Disposable drinking cup lid

Abstract: Source: US4090660A A disposable lid for a conventional paper cup, the lid having a groove on its underside for snap fitting on the cup, and the lid additionally including a pair of radial score lines that can be torn so to form a liftable tab so a person can drink from the cup while the lid is still on; the tab being pivotable so to refit on the cup in order to close the same.

Classifications:

International (IPC 8-9): B65D47/08 B65D47/10 (Advanced/Invention); B65D47/06 B65D47/08 (Core/Invention)

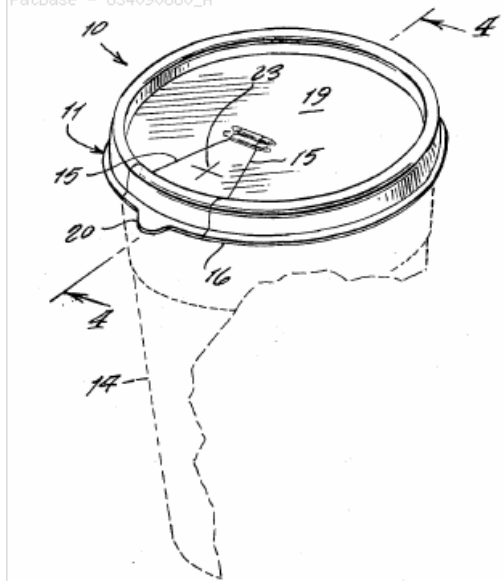
International (IPC 1-7): A47G19/22 B65D3/10 B65D5/64

CPC: B65D47/0833 B65D47/103 B65D2231/02 B65D2231/022 B65D2251/1016

European: B65D47/08B4 B65D47/10A L65D231/02 L65D231/02A L65D251/10D

US: 215/257 220/270 220/712 229/404 229/43 229/906.1

PatBase - US4090660_A



Family:

Publication number	Publication date	Application number	Application date
US4090660 A	19780523	US19760751104	19761216

Priority:

US19760751104 19761216

Probable Assignee: AFFRUNTI ANGELA

Assignee(s): (std): AFFRUNTI ANGELA ; AFFRUNTI JR ALFRED ; SCHRAM ROBERT A

Inventor(s): (std): SCHRAM ROBERT A ; AFFRUNTI JR ALFRED ; AFFRUNTI ANGELA

Title: PLASTIC CONTAINERS AND LIDS THEREFOR

Abstract: Source: US4215797A Reusable plastic container and plastic lid therefor, the lid being hermetically sealed to the container by a set adhesive. The set adhesive has a greater attraction for the lid plastic than for the container plastic. Such attraction is sufficient to ensure that, on removing the lid from the container, the adhesive is peeled from the container rim and removed with the reusable lid. This leaves the container rim essentially free of adhesive to reduce the likelihood of contaminating the contained product with adhesive chemicals. The lid or the container rim may be coated with the adhesive prior to heat-seal. In the instance where the container is coated with the adhesive, the rim ledge portion may be provided with at least one continuous circumferentially extending raised portion to facilitate coating of the container rim. Processes for manufacturing the adhesive-coated container lid and forming the container rim portion and applying adhesive thereto are disclosed.

Classifications:

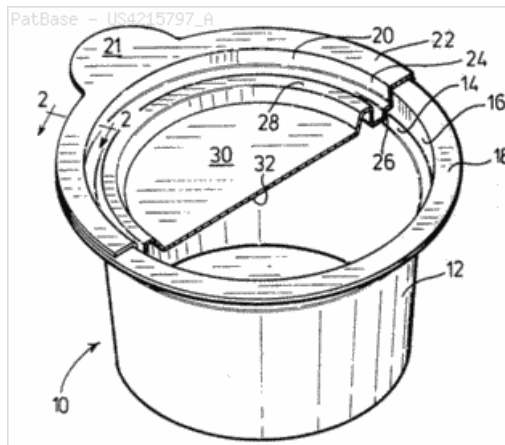
International (IPC 8-9): B65D43/02 (Advanced/Invention);
B65D43/02 (Core/Invention)

International (IPC 1-7): B65D41/00

CPC: Y02W30/807 B65D43/022 B65D2543/00092 B65D2543/00416
B65D2543/00425 B65D2543/00509 B65D2543/00546
B65D2543/00842

European: B65D43/02S5D L65D543/00Y10B2 L65D543/00Y1F2C
L65D543/00Y2K3 L65D543/00Y4 L65D543/00Y8D1C
L65D543/00Y8D3N

US: 220/276 220/359 220/359.2 220/359.4 229/123.1



Family:

Publication number	Publication date	Application number	Application date
US4215797 A	19800805	US19780958931	19781108

Priority:

US19780958931 19781108

Probable Assignee:

CONSUMERS GLASS CO LTD

Assignee(s): (std):

CONSUMERS GLASS CO LTD

Inventor(s): (std):

CHEN ALEX C

Title: Container lid

Abstract: Source: US4322015A There is disclosed a container lid having features which especially adapt it for use with beverage containers. The lid comprises a pair of tear impressions which define therebetween an access strip. After assembly of the lid to a container the access strip is pulled back from the rim of the lid along its tear impressions to create ready access to the contents. The access strip may be reclosed to the container to alleviate the problem of contents spillage during transport or motion of the container and further to preserve the thermal state of the contents.

Classifications:

International (IPC 8-9): B65D43/02 B65D47/08

B65D81/38 (Advanced/Invention);

B65D43/02 B65D47/08 B65D81/38 (Core/Invention)

International (IPC 1-7): A47G19/22 B65D41/46

CPC: B65D43/0268 B65D47/0847 B65D81/3867 B65D2251/1008

B65D2543/00046 B65D2543/00092 B65D2543/00296

B65D2543/00509 B65D2543/00537 B65D2543/00555

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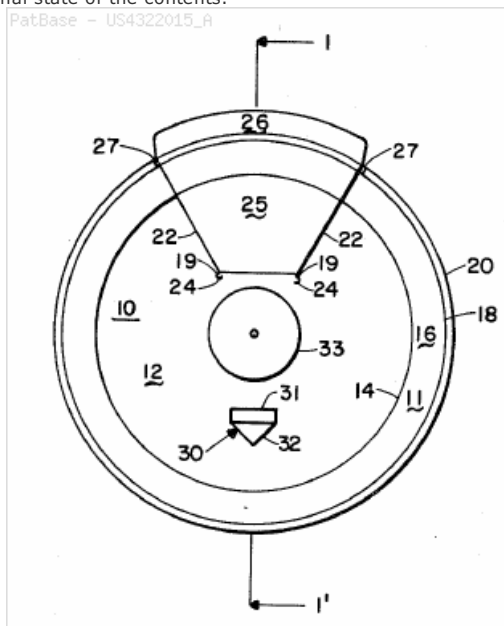
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L65D543/00Y8D3 L65D543/00Y8D5

US: 220/254 220/254.3 220/254.7 220/266 220/269 220/270

220/712 220/90.2 220/90.4 229/7R 229/906.1



Family:

Publication number	Publication date	Application number	Application date
US4322015 A	19820330	US19770839445	19771005
US4473167 A	19840925	US19820428357	19820929

Priority:

US19750538535 19750106

US19750538535 19750108

US19820363892 19820330

US19760647212 19760107

US19820428357 19820929

US19770839445 19771005

Probable Assignee:

BAILEY JOHN A

Assignee(s): (std):

BAILEY JOHN A

Inventor(s): (std):

BAILEY JOHN A

Title: Kunststoffdose mit luftdicht schliessendem Deckel Plastic container with airtight fitting lids (Machine translation)

Abstract: Source: DE8226485U1 (Claim 1) Kunststoffdose mit luftdicht schliessendem Deckel Ansprüche: 1. Kunststoffdose mit luftdicht schliessendem Deckel, mit einem sich radial erstreckenden Ringwulst am oberen Dosenrand, einer den Ringwulst umgreifenden Ringnut am Deckelrand, die an äusseren und inneren, sich im wesentlichen quer zur Deckelfläche erstreckenden Ringlippen gebildet wird, wobei die äussere Ringlippe eine nach innen gerichtete, am Ringwulst anliegende konische Andruecklippe aufweist, dadurch gekennzeichnet, dass die Andruecklippe (10) eine im Querschnitt geradlinig begrenzte Andrueckfläche (20) aufweist und dass der Ringwulst (4) in den Berührungsbereichen mit der Andrueckfläche (20) und der Deckelfläche (17) einen gekrümmten Querschnitt (9,14) aufweist.

Machine translation: (Claim 1) plastic container with airtight fitting lids claims: first Plastic container with airtight lids, with a radially extending annular ring at the top of the can edge, one of the annular ring encompassing annular groove on the lid margin, which on the outer and inner, to be essentially formed transversely to Deckelfläche extending annular lip, the outer ring lip an inward-looking, the torus-fitting conical Andruecklippe exhibits, characterized in that the Andruecklippe (10) is a cross-section straight limited pressing surface (20) and that the annular ring (4) in the Berührungsbereichen to the pressing surface (20) and the Deckelfläche (17) a curved cross-section (9,14) has.

Classifications:

International (IPC 8-9): B65D21/02 B65D43/02 (Advanced/Invention); B65D21/02 B65D43/02 (Core/Invention)

International (IPC 1-7): B65D41/18 B65D41/22 B65D51/14

CPC: B65D21/0217 B65D43/0212 B65D2543/00092

B65D2543/00296 B65D2543/00416 B65D2543/00518

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B65D2543/00685 B65D2543/0074 B65D2543/00796

B65D2543/00842

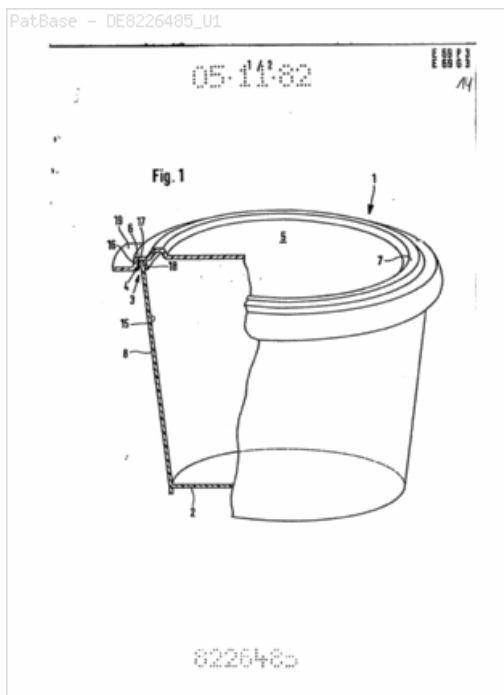
European: B65D21/02E7 B65D43/02S3E L65D543/00Y10B2

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L65D543/00Y8D1E L65D543/00Y8D3 L65D543/00Y8D5

L65D543/00Y8S1B4 L65D543/00Y8S1D2 L65D543/00Y8S3B4

L65D543/00Y8S3D2



Family:

Publication number	Publication date	Application number	Application date
DE8226485 U1	19830217	DE19820026485U	19820921

Priority:

DE19820026485U 19820921

Probable Assignee:

EICHELE HUBERT

Assignee(s): (std):

EICHELE HUBERT

Assignee(s):

EICHELE HUBERT 6000 FRANKFURT DE

Title: SEALING LIP FOR LID ON THERMOFORMED CONTAINER

Abstract: Source: US4595117A This relates to the forging of web-like portions of components so as to increase the density thereof and to shape the material for various purposes. In one form of the invention forging is utilized to form an upstanding sealing rib without a material orientation of the plastic which would result in distortion of the material should it be subjected to retorting. In another form of the invention forge tooling is utilized to provide an element with a hinge strip wherein the core material is compressed without an undue internal stressing of the core material. Most particularly, the tooling is heated to provide a softening of the skin surfaces of the material thereby permitting relative movement of the material which is being forged with respect to the tooling and thereby an internal compressing of the material without shear stresses being developed therein.

Classifications:

International (IPC 8-9): B29C51/08 B29C59/02 B29C65/02 B29C65/08 B29C65/36 B29C65/76 B65D1/00 B65D1/28

B65D77/20 (Advanced/Invention);

B29C51/08 B29L22/00 B65D1/00 (Advanced/Non-invention);

B29C51/08 B29C59/02 B29C65/00 B29C65/02 B29C65/08

B29C65/34 B65D1/00 B65D1/22 B65D77/10 (Core/Invention)

International (IPC 1-7): B29C43/16 B29C51/00 B29C51/08

B29C51/14 B29C59/02 B29D22/00 B29L22/00 B32B27/32

B32B31/20 B65D1/00 B65D41/00 B65D77/20

CPC: B29C65/368 B29C65/08 B29C65/3644 B29C65/3656

B65D77/2044 B29C66/53461 B65D1/28 B29C59/02 B29C65/76

B29C66/21 B65D2577/2066 Y10T156/1043 B29C66/8322

B29C65/3612 B29C65/3696 B29C66/727 B29C66/73921

B29C66/73711 B29C65/3684 B29C65/18 B29C65/26 B29C66/0044

B29C66/00461 B29C66/112 B29C66/131 B29C66/242

B29C66/24221 B29C66/612 B29C65/02 B29C66/30223

B29C66/0042 B29C66/7234 B29C66/723 B29C66/71 B29C66/72321

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European: B29C59/02 B29C65/02 B29C65/02T20 B29C65/08

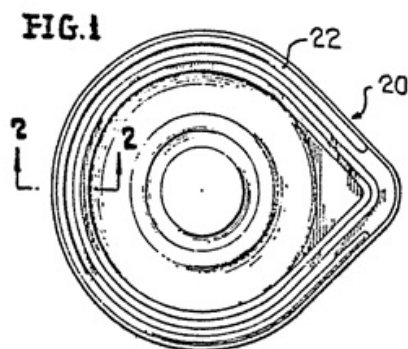
B29C65/36 B29C65/76 B29C66/21 B29C66/534 B65D1/28

B65D77/20E1B3 L29C66/30223 L65D577/20N

US: 156/221 156/293 156/443 156/69 156/73.1 220/266 220/359

220/359.3 220/359.4 220/678 264/320 425/395

PatBase - US4595117_A



Family:

Publication number	Publication date	Application number	Application date
AU198660715 A1	19870219	AU19860060715	19860730
BRPI8603918 A	19870324	BR1986PI03918	19860815
DK388686 A	19870217	DK19860003886	19860815
DK388686 A0	19860815	DK19860003886	19860815
EP0212958 A2	19870304	EP19860306335	19860815
EP0212958 A3	19881012	EP19860306335	19860815
JP62046618 A2	19870228	JP19860190675	19860815
NZ217080 A	19880212	NZ19860217080	19860804
US4595117 A	19860617	US19850766354	19850816
US4659405 A	19870421	US19860847529	19860403

Priority:

US19850766354 19850816 US19860847529 19860403

Probable Assignee: ALLTRISTA CORP

Assignee(s): (std): CONTINENTAL CAN CO ; CONTINENTAL GROUP

Assignee(s): PLASTIC PACKAGING PRODUCTS CO ; CONTINENTAL GROUP INC THE ; PLASTIC PACKAGING PRODUCTS CO A CORP OF DELAWARE ; CONTINENTAL GROUP INC ; CONTINENTAL CAN CO INC ; CONTINENTAL CAN COMPANY INC ; CONTINENTAL CAN COMPANY INC ; ALLTRISTA CORP

Inventor(s): (std): JIYON UORUTAA ; WALTER JOHN ; WALTER J

Inventor(s): JOHN WALTER

Agent(s): GRIFFITH HACK

Designated states: AT BE CH DE FR GB IT LI LU NL SE

Title: TAMPER-EVIDENT PACKAGE

Abstract: Source: US4721210A A lid and cup assembly for storing and dispensing comestibles is disclosed which provides a tamper-evident package to indicate unauthorized tampering. The tamper-evident package for storing and dispensing comestibles and the like, includes a cup formed of a sidewall member having at its open end a rim with an unrolled peripheral edge. The package also includes a lid configured and dimensioned for engagement with the cup at its open end. The lid includes a panel member having along its periphery an annular rib configured and dimensioned so as to snap-fittingly and sealingly engage the cup. The annular rib is formed of an inner wall an outer wall and a transverse top wall. The outer wall has three spaced apart detent ribs of predetermined length for securing engagement with the cup peripheral edge at least when the lid is pried off. The outer wall also has adjacent at least one of the detent ribs a pair of tear lines on each side of the respective detent rib. The top wall has a hinge groove therealong engaging the rim of the cup so as to provide a pressure and a vacuum seal and so that when the outer wall member is pulled outwardly away from engagement with the cup peripheral edge, at least a portion of the outer wall breaks from the remaining portion at least at the tear lines and hinges about the groove while the pressure and said vacuum seal engagement remains intact to provide evidence of unauthorized tampering. A method for forming the tamper-evident package is also disclosed.

Classifications:

International (IPC 8-9): B65D43/02 B65D43/10 (Advanced/Invention); B65D43/02 B65D43/08 (Core/Invention)

International (IPC 1-7): B65D41/48 B65D41/62

CPC: Y10S206/807 B65D43/0256 B65D2101/0023 B65D2543/00092

B65D2543/00296 B65D2543/00509 B65D2543/00537

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B65D2543/00731 B65D2543/00805

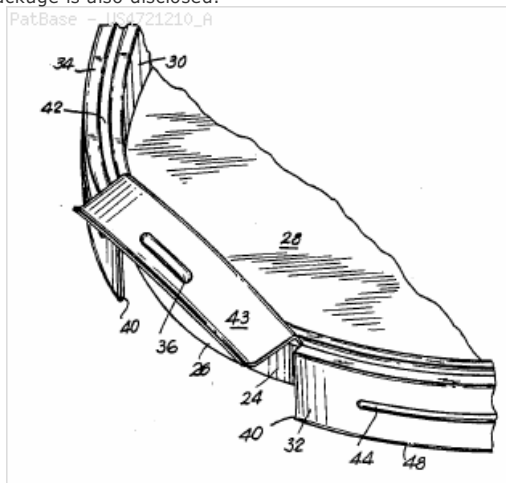
European: B65D43/02T3E L65D101/00A3 L65D543/00Y1F2C

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L65D543/00Y8D5 L65D543/00Y8S1B8 L65D543/00Y8S1D2

L65D543/00Y8S3B2 L65D543/00Y8S3D4

US: 206/459 206/459.1 206/807 215/254 215/320 220/266 220/306 220/784 53/423 53/487

**Family:**

Publication number	Publication date	Application number	Application date
US4721210 A	19880126	US19860931837	19861118

Priority:

US19860931837 19861118

Probable Assignee: CPC REXCEL

Assignee(s): (std): LAWRENCE RICHARD R ; MALSBUY CHARLES R ; MOREAU GLENN

Assignee(s): CPC REXCEL ; EQUITABLE BANK NATIONAL ASSOCIATION A NATIONAL BAN ; EQUITABLE BANK NATIONAL ASSOCIATION A NATIONAL BANKING ASSOCIATION

Inventor(s): (std): LAWRENCE RICHARD R ; MALSBUY CHARLES R ; MOREAU GLENN

Title: Lift tab lid with accordion hinge

Abstract: Source: US4760934A A beverage container lid is disclosed whereby the contents of the container may be accessed via a foldable tear strip flap defined by two score lines directed radially on the lid surface, a lift tab at the peripheral sealing skirt which mates with the rim of the container, and a multi-grooved hinge that allows for easy folding of the flap into a recess in the lid surface. Each of the two side walls of the recess has a retaining lug whereby when the user desires access to the container the flap is torn free of the peripheral sealing skirt by means of the lift tab, folded back, and inserted into the recess so as to wedge the flap below the retaining lugs which secure the flap by its opposite edges.

Classifications:

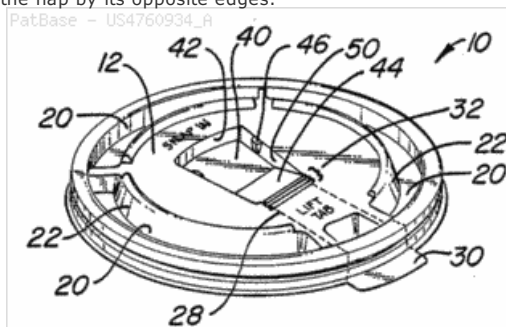
International (IPC 8-9): A47G19/22 B65D47/10 (Advanced/Invention)

International (IPC 1-7): B65D41/56

CPC: B65D47/10

European: B65D47/10

US: 220/269



Family:

Publication number	Publication date	Application number	Application date
US4760934 A	19880802	US19860861541	19860509

Priority:

US19860861541 19860509

Probable Assignee: FIBERPLASTICS INC A CORP OF CA

Assignee(s): (std): FIBERPLASTICS INC

Assignee(s): FIBERPLASTICS INC A CORP OF CA ; JAMES RIVER HANDI KUP INC ; MCKITTRICK DAVID J ; JAMES RIVER NORWALK INC ; MCKITTRICK DAVID J PRESIDENT ; CITICORP NORTH AMERICA INC

Inventor(s): (std): NETSCH ROBERT R

Title: Tamper-evident closure for wide mouth container

Abstract: Source: US4966294A A tamper-evident closure for a wide mouth container. The closure member has a central panel and a downwardly opening rim cavity encircling the central panel and adapted to receive therein a top rim of the food container. The rim cavity is defined by a pair of upstanding, radially spaced skirt segments connected at their respective upper edges by a top rim segment. A radially outer one of the skirt segments has adjacent a lower edge thereof a radially inwardly projecting and circumferentially extending first flange adapted to snugly fit under and frictionally engage the lip on the food container. In addition, the radially outer skirt also has a radially outwardly projecting second flange contiguous with and oriented below the first flange. A plurality of generally inverted V-shaped radially outwardly projecting rim segments are integrally connected between each set of mutually adjacent circumferential ends of at least the second flange. The inverted V-shaped rim segments each have a pair of wall segments each projecting radially outwardly from a respective one of the mutually adjacent circumferential ends of at least the second flange. The pair of walls extend inclined upwardly from the second flange toward each other to and integral connection forming an apex. Each of the plural apexes defines stress concentration structure for the material of the closure member so that a lifting force applied to one of the second flanges will cause the material of the closure member to break only at the apexes.

Classifications:

International (IPC 8-9): B65D43/02 B65D43/06 B65D43/10 B65D50/00 (Advanced/Invention);

B65D43/02 B65D43/08 (Core/Invention)

International (IPC 1-7): B65D43/06 B65D43/08 B65D50/00

CPC: B65D43/0249 B65D2101/0023 B65D2543/00092

B65D2543/00296 B65D2543/00509 B65D2543/00537

B65D2543/00555 B65D2543/0062 B65D2543/00648

B65D2543/00685 B65D2543/00731 B65D2543/00796

B65D2543/00842

European: B65D43/02T3B L65D101/00A3 L65D543/00Y10B2

L65D543/00Y1F2C L65D543/00Y1M6 L65D543/00Y8D1C

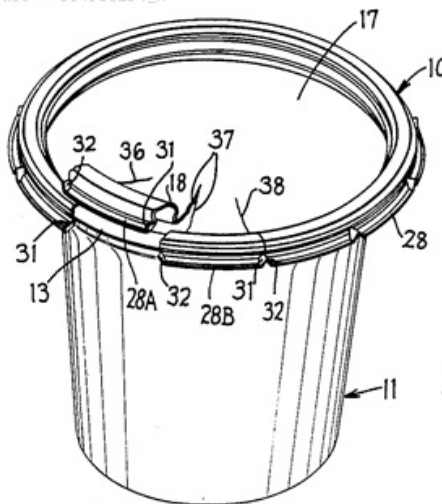
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L65D543/00Y8S3D2

US: 220/260 220/265 220/266 220/306 220/352 220/355 220/356

PatBase - US4966294_A



Family:

Publication number	Publication date	Application number	Application date
CA2019280 AA	19910716	CA19902019280	19900619
CA2019280 C	19980609	CA19902019280	19900619
US4966294 A	19901030	US19900464976	19900116

Priority:

CA19902019280 19900619 US19900464976 19900116

Probable Assignee:

FABRI KAL CORP

Assignee(s): (std):

FABRI KAL CORP

Assignee(s):

MACK ANTHONY C ; ROBBINS ROBIN M

Inventor(s): (std):

MACK ANTHONY C ; ROBBINS ROBIN M

Agent(s):

BORDEN LADNER GERVAIS LLP

Title: CONTAINER CLOSURE, AND METHOD FOR PRODUCING SAME

Abstract: Source: US5125528A Closures for containers, such as cans and the like, wherein the closure is comprised of an end panel and a frame member which, preferably, are attached together during an insert-injection molding operation used for forming the frame member. Depending upon the respective materials, the attachment therebetween may comprise heat-bonding or adhesives, and the like. The various end panels have a displaceable panel portion for providing an opening in the closure to provide access to the product(s) within the container. The various panel portions are defined by weakening lines, perforations or cut lines in the end panel and molded runners for "repairing" and/or sealing weakened or lanced portions of the end panels. The molded runners provide beam strength for protecting against excessive bulging during autoclave or other sterilization processes and against buckling during vacuum processing.

Classifications:

International (IPC 8-9): B29C45/14 B29C65/76 B29D22/00 B65D17/32 B65D17/34 B65D43/02 (Advanced/Invention); B29D22/00 B29L22/00 (Advanced/Non-invention); B29C45/14 B29D22/00 B65D17/28 B65D43/02 (Core/Invention)

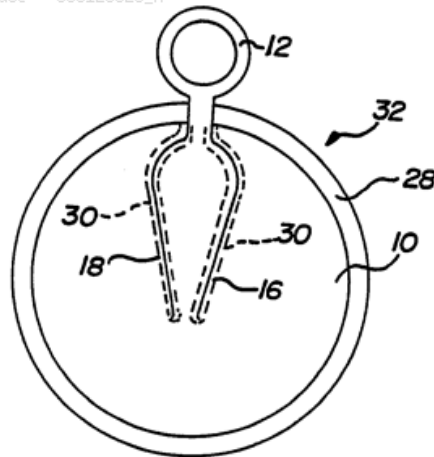
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CPC: B65D17/161 B29C45/14336 B29L2031/565 B65D43/0212 B65D43/0218 B65D2543/00092 B65D2543/00194 B65D2543/00231 B65D2543/0024 B65D2543/00296 B65D2543/00518 B65D2543/00537 B65D2543/00555 B65D2543/00657 B65D2543/00685 B65D2543/0074 B65D2543/00796 B65D2543/00842 B65D2543/00972

European: B29C45/14F B65D17/16B B65D43/02S3E B65D43/02S5B L29L31/56B L65D543/00Y10B2 L65D543/00Y1F2C L65D543/00Y1F4C3 L65D543/00Y1H L65D543/00Y1H2 L65D543/00Y1M6 L65D543/00Y20B1 L65D543/00Y8D1E L65D543/00Y8D3 L65D543/00Y8D5 L65D543/00Y8S1B10 L65D543/00Y8S1D2 L65D543/00Y8S3B4 L65D543/00Y8S3D2

US: 220/269 220/359.2 220/793 264/154 264/254 264/268 264/275

PatBase - US5125528_A



Family:

Publication number	Publication date	Application number	Application date
AT118431 E	19950315	AT19900902820T	19901218
AU199170782 A1	19910718	AU19910070782	19901218
AU649188 B2	19940512	AU19910070782	19901218
CA2071939 AA	19920617	CA19902071939	19901218
CA2071939 C	20010724	CA19902071939	19901218
DE69017046 D1	19950323	DE19906017046	19901218
DE69017046 T2	19950720	DE19906017046T	19901218
EP0506871 A1	19921007	EP19910902820	19901218
EP0506871 B1	19950215	EP19910902820	19901218
JP5502651 T2	19930513	JP19910503246T	19901218
US5125528 A	19920630	US19890451812	19891218
US5830398 A	19981103	US19920906316	19920630
WO9108959 A1	19910627	WO1990US07294	19901218

Priority:

US19890451812 19891218 US19920906316 19920630 WO1990US07294 19901218
WO1990US07294 19901218

Probable Assignee: SILGAN CONTAINERS CORP

Assignee(s): (std): POLYSTAR PACKAGING INC

Assignee(s): POLYSTAR PACKAGING INC NORWALK CONN US ; ROTH DONALD J ; SILGAN CONTAINERS CORP ; DEUTSCHE BANK TRUST CO ; DEUTSCHE BANK TRUST CO AMERICAS ; HEYN WILLIAM M

Inventor(s): (std): HEYN WILLIAM ; HEYN WILLIAM M ; ROTH DONALD ; ROTH DONALD J

Inventor(s): WILLIAM M HEYN ; DONALD J ROTH

Agent(s): LORD AND CO; RICHES MCKENZIE AND HERBERT LLP

Designated states: AT AU BB BE BF BG BJ BR CA CF CG CH CM DE DK ES FI FR GA GB GR HU IT JP KP KR LI LK LU MC MG ML MR MW NL NO RO SD SE SN SU TD TG

Title: Container with snap-fit lid and tamperproofing.

Abstract: A container with a snap-fit lid and tamperproofing for recognisable and irreversible indication of initial opening has at least one tab, but preferably two or more tabs which are connected non-releasably to the lid with foldable portions, at least one of which rests flatly against the wall of the container in the snapped-on position of the lid and is firmly connected to said wall.

Classifications:

International (IPC 8-9): B65D43/02 (Advanced/Invention)

International (IPC 1-7): B65D17/28 B65D43/06 B65D43/10

CPC: B65D43/0256 B65D2101/0023 B65D2543/00092

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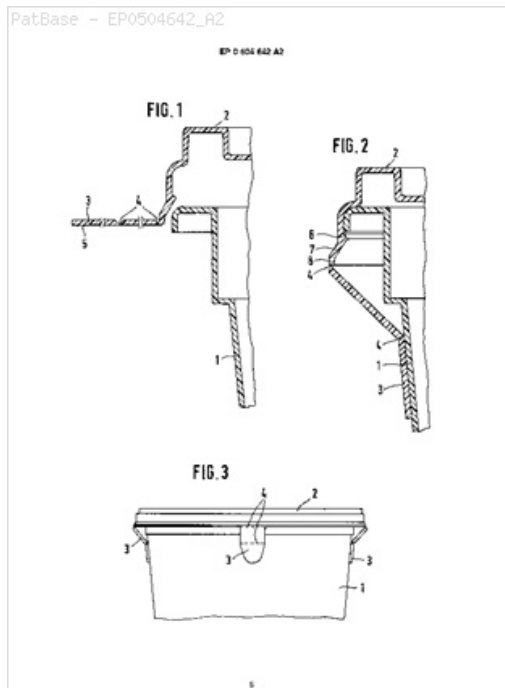
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European: B65D43/02T3E L65D101/00A3 L65D543/00Y1F2C

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L65D543/00Y8D3 L65D543/00Y8S1B10 L65D543/00Y8S1D2

L65D543/00Y8S3B4 L65D543/00Y8S3D2



Family:

Publication number	Publication date	Application number	Application date
DE9103378 U1	19910718	DE19910003378U	19910319
EP0504642 A2	19920923	EP19920103470	19920228
EP0504642 A3	19931124	EP19920103470	19920228

Priority:

DE19910003378U 19910319

Probable Assignee: ULRICH BUCHHOLTZ GMBH AND CO KG 1000 BERLIN DE

Assignee(s): (std): BUCHHOLTZ ULRICH GMBH AND CO ; ULRICH BUCHHOLTZ GMBH AND CO KG

Assignee(s): ULRICH BUCHHOLTZ GMBH AND CO KG 1000 BERLIN DE

Inventor(s): (std): DITTMER KLAUS

Designated states: AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

Title: Plastic dairy product container having tamper evident lid and method of production

Abstract: Source: US5058759A A plastic, tamper resistant container particularly adapted for the marketing of dairy products comprising a cup and a lid having a tab extending peripherally therefrom such that application of a force to the tab sufficient to remove the lid, initiates fracture propagation and tearing of the lid, and a process for manufacture thereof.

Classifications:

International (ipc 8-9): B65D17/40 B65D43/02 (Advanced/Invention);
B65D17/28 B65D43/02 (Core/Invention)

International (ipc 1-7): B65D17/34

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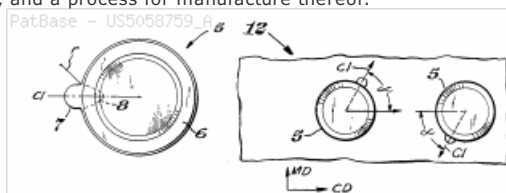
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European: B65D43/02T5B L65D101/00A3 L65D543/00Y10B2

L65D543/00Y1F2C L65D543/00Y1M6 L65D543/00Y8D1C

L65D543/00Y8D3 L65D543/00Y8D5

US: 220/266 220/270



Family:

Publication number	Publication date	Application number	Application date
US5058759 A	19911022	US19900603360	19901026

Priority:

US19900603360 19901026

Probable Assignee: DOW CHEMICAL CO

Assignee(s): (std): DOW CHEMICAL CO

Assignee(s): DOW QUIMICA DE COLOMBIA SA ; DOW QUIMICA DE COLOMBIA TRANSVERSAL SA ; THE DOW CHEMICAL COMPANY

Inventor(s): (std): SALMANG RODOLFO

Title: Multi-function cup lid

Abstract: Source: US5090584A Disclosed is a disposable container lid for releasably mounting to a disposable container. The lid includes a central portion having a rim engaging means about the circumference of the central portion. An access strip is provided by a pair of tear impressions extending from the rim engaging means to a hinge means located in the central portion. By breaking the tear impressions, the access strip can be pivoted back from the hinge means to create an access opening through the lid. The central portion of the lid has a primary slit therein which is preferably arcuate. At each end of the primary slit there is a tab forming slit, each forming an inwardly directed retaining flap. A deflection flap is formed by the combination of the primary slit and the tab forming slits. To lock the access strip in a non-interfering position, it is folded back and pushed against the central portion of the lid thereby causing the deflection flap to deflect down toward the contents of the container. The small retaining flaps spring past the sides of the access strip and thus overlap such sides holding the access strip in abutting, face-to-face position with the deflection flap. The access strip can be released from the retaining flaps merely by directing upward force against the access strip causing the retaining flaps to deflect upward and spring past the access strip. The access strip can then be resealed on the rim of the cup if desired.

Classifications:

International (IPC 8-9): B65D43/02 B65D43/10

B65D47/08 (Advanced/Invention);

B65D43/02 B65D43/08 B65D47/08 (Core/Invention)

International (IPC 1-7): B65D43/06

CPC: B65D43/0256 B65D47/0847 B65D2101/0023 B65D2251/1008

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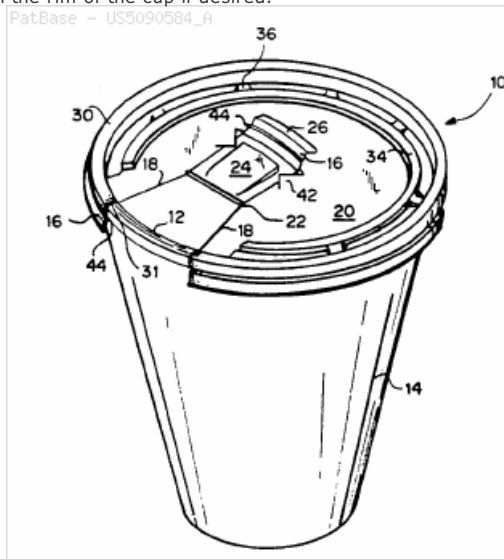
European: B65D43/02T3E B65D47/08B4F L65D101/00A3

L65D251/10B L65D543/00Y1D L65D543/00Y1F2C L65D543/00Y2K3

L65D543/00Y8D1C L65D543/00Y8D3 L65D543/00Y8D5

L65D543/00Y8S1D2 L65D543/00Y8S3B2 L65D543/00Y8S3D2

US: 220/268 220/712



Family:

Publication number	Publication date	Application number	Application date
US5090584 A	19920225	US19910661217	19910227

Priority:

US19910661217 19910227

Probable Assignee: WINCUP HOLDINGS INC

Assignee(s): (std): SCOTT PAPER CO

Assignee(s): SCOTT PAPER COMPANY ; WINCUP HOLDINGS INC ; WINCUP HOLDINGS LP ; CONTINENTAL BANK NA ; SCOTT CONTAINER PRODUCTS GROUP INC

Inventor(s): (std): BATSON EDWARD ; KURZ JOHN H ; ROBERTS CLIFFORD J

Title: Can seal

Abstract: Source: US5143241A An improved can seal is provided for a beverage can having a generally cylindrical body with a closed bottom end and an open top end, a top closure. The can seal consists of the open top end of the body that has an outwardly curled edge thereabout. The top closure has an outwardly hemmed edge formed over the outwardly curled edge of the body, to form a sealing rim on the exterior of the body. All of the liquid contents within the body can be extracted therefrom without any obstruction from the sealing rim.

Classifications:

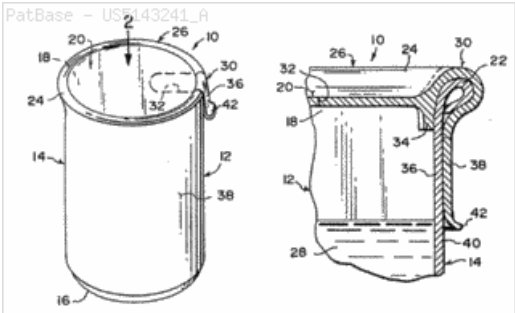
International (IPC 8-9): B65D17/34 (Advanced/Invention);
B65D17/28 (Core/Invention)

International (IPC 1-7): B65D17/34

CPC: B65D17/165

European: B65D17/16B2

US: 220/270



Family:

Publication number	Publication date	Application number	Application date
US5143241 A	19920901	US19910704790	19910523

Priority:

US19910704790 19910523

Probable Assignee:

SZYMANSKI JOHN M

Assignee(s): (std):

SZYMANSKI JOHN M

Inventor(s): (std):

SZYMANSKI JOHN M

Title: TAMPER EVIDENT CLOSURE

Abstract: Source: GB2257118A A closure in the form of a cap 1 has a skirt 10 with inwardly projecting ribs 13 designed to snap beneath a rim flange 14 about the mouth 5 of a container 2. The cap is a tight fit on the container and is virtually impossible to remove without damaging the cap. A tab 15 is moulded integrally with the free edge of the skirt 10 to aid removal of the cap. Small slits 16 in the edge of the skirt 10 on opposite sides of the tab 15 allow the skirt to tear easily when the tab is pulled, whereupon the rib 13 adjacent the tab 15 is released from the rim flange 14 to allow removal of the cap. The cap may be resealed but the tab 15 remains broken to indicate that the cap has been tampered with.

Classifications:

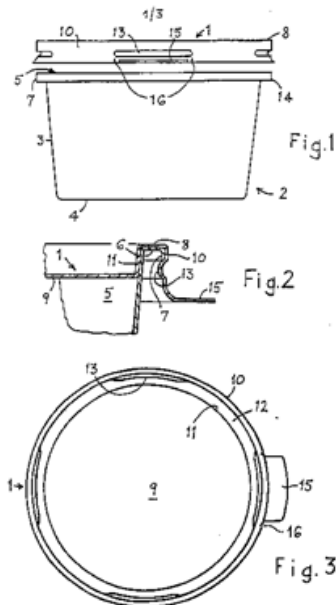
International (IPC 8-9): B65D43/02 (Advanced/Invention);
B65D43/02 (Core/Invention)

International (IPC 1-7): B65D55/02

CPC: B65D43/0254 B65D43/0256 B65D2101/0023 B65D2543/00092
B65D2543/00296 B65D2543/00509 B65D2543/00537
B65D2543/00546 B65D2543/00555 B65D2543/0062
B65D2543/00685 B65D2543/00731 B65D2543/00796
B65D2543/00842

European: B65D43/02T3D B65D43/02T3E L65D101/00A3
L65D543/00Y10B2 L65D543/00Y1F2C L65D543/00Y1M6
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L65D543/00Y8D5 L65D543/00Y8S1B2 L65D543/00Y8S1D2
L65D543/00Y8S3B2 L65D543/00Y8S3D2

PatBase - GB2257118_R1

**Family:**

Publication number	Publication date	Application number	Application date
GB2257118 A1	19930106	GB19910013607	19910624
GB9113607 A0	19910814	GB19910013607	19910624

Priority:

GB19910013607 19910624

Probable Assignee: AUTOBAR GROUP LIMITED

Assignee(s): (std): AUTOBAR GROUP LIMITED ; AUTOBAR GROUP LTD ; AUTOBAR VENDABEKA LTD

Assignee(s): AUTOBAR VENDABEKA LIMITED

Inventor(s): (std): DUNNING PETER JAMES

Inventor(s): PETER JAMES DUNNING

Title: A container with a tamper-evident, snap-fit lid

Abstract: Source: GB2305415A A container comprises a body 1 and a lid 2 which both have marginal portions that push or snap fit together. The marginal portion of the lid has a pull-tab 26 which, when pulled, causes tearing of the lid before the lid can be removed from the body. The lid may have two lines of weakness 24 which extend towards the central region of the lid, and which diverge to cause noticeable tearing of the lid. Outer edge 16 of the lid may be located in a trough 14, which, together with an outer flange 17, prevents unwanted access to the edge 16 of the lid. The marginal portions may also have inwardly sloping walls 9 and 10 that provide snap-engagement between the lid and the body.

Classifications:

International (IPC 8-9): B65D17/32 B65D21/02

B65D43/02 (Advanced/Invention);

B65D17/28 B65D21/02 B65D43/02 (Core/Invention)

International (IPC 1-7): B65D17/32 B65D43/06

CPC: B65D21/0233 B65D43/0254 B65D2101/0023 B65D2101/0053

B65D2543/00027 B65D2543/00092 B65D2543/00296

B65D2543/00509 B65D2543/00537 B65D2543/00555

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B65D2543/00796 B65D2543/00842

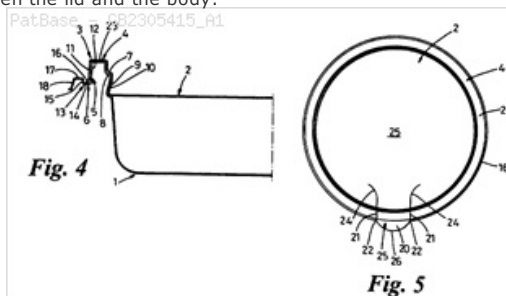
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L65D543/00Y1F2C L65D543/00Y1M6 L65D543/00Y8D1C

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L65D543/00Y8S1D2 L65D543/00Y8S3B2 L65D543/00Y8S3D2



Family:

Publication number	Publication date	Application number	Application date
GB2305415 A1	19970409	GB19950019440	19950922
GB2305415 B2	19990106	GB19950019440	19950922
GB9519440 A0	19951122	GB19950019440	19950922

Priority:

GB19950019440 19950922

Probable Assignee:

DOLPHIN PACKAGING MATERIALS LT

Assignee(s): (std):

DOLPHIN PACKAGING MATERIALS LT

Assignee(s):

DOLPHIN PACKAGING MATERIALS LTD

Inventor(s): (std):

LOVATT RONALD FRANK

Inventor(s):

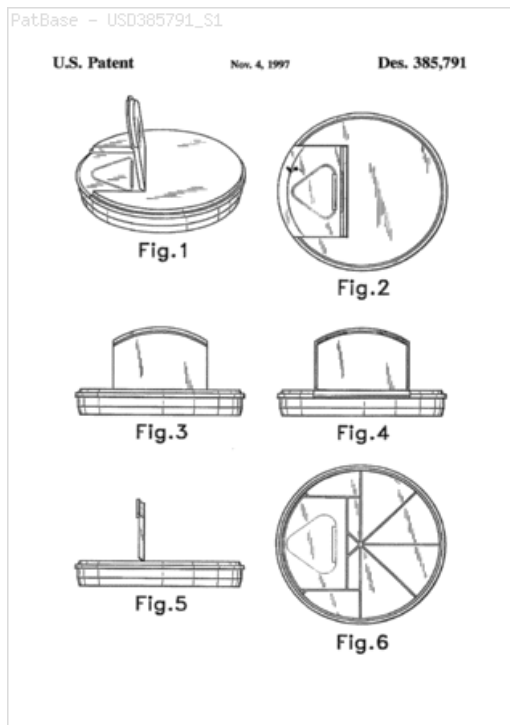
RONALD FRANK LOVATT

Title: Single flap push in closure with over catch

Abstract: Source: USD385791S (Claims)The ornamental design for a single flap push-in closure with over catch, as shown and described.

Classifications:

US: D9/440 D9/447



Family:

Publication number	Publication date	Application number	Application date
USD385791 S1	19971104	US19960057476F	19960725

Priority:

US19960057476F 19960725

Probable Assignee: FIRST INT

Assignee(s): CONTROLLED MOLDING INC ; FIRST INT ; MERCER COUNTY STATE BANK ; WEATHERCHEM CORP

Inventor(s): DAVID C BAXTER ; MICHAEL J FORSYTH

Title: CONTAINER WITH TAMPER EVIDENT SEAL

Abstract: A container (1) having a tamper evident seal formed therein and a method of sealing the container. The container has a lid portion (2) and a body portion (4), adapted to hold contents, which portions are joined at respective rims (6, 8) to form a seal. The body portion rim (8) has a cut (38) formed therein which defines a tear line (40) at the interface (5) where the rims (6, 8) are joined. Pressure is applied by a user to break the seal between the rims (6, 8) to gain access to the contents of the body portion (4). The container (1) can be resealed by forming an interference fit, through ribs (26) and corresponding grooves (28) in the lid portion (2) and body portion (4). A fold line (44) is optionally provided on the lid portion (2) to provide partial detachment of the lid portion (2) from the body portion (4).

Classifications:

International (IPC 8-9): B29C59/00 B29C65/08 B65D17/40

B65D43/02 (Advanced/Invention);

B29C59/00 B29C65/08 B65D17/28 B65D43/02 (Core/Invention)

International (IPC 1-7): B65D17/40

CPC: B29C66/1312 B29C59/007 B29C65/08 B29L2031/712

B65D43/021 B65D2101/0015 B65D2543/00092 B65D2543/00296

B65D2543/00425 B65D2543/00509 B65D2543/00537

B65D2543/00555 B65D2543/00629 B65D2543/00685

B65D2543/0074 B65D2543/00796 B29C66/83221 B29C66/542

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European: B29C59/00G B29C65/08 B29C66/534 B65D43/02S3D

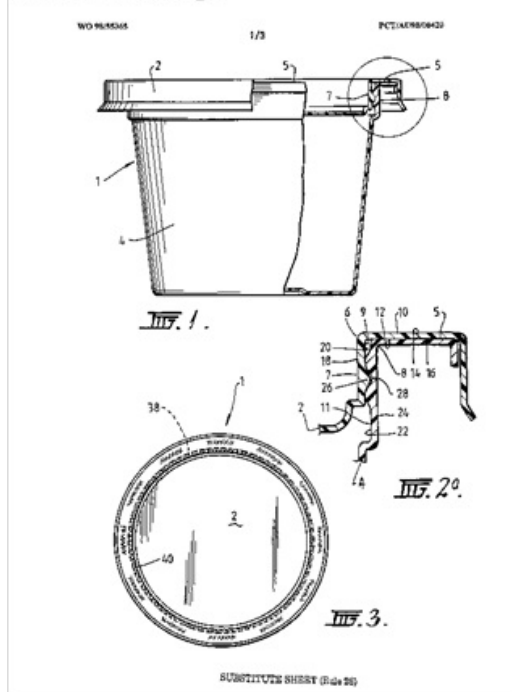
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L65D543/00Y8D3 L65D543/00Y8D5 L65D543/00Y8S1B4

L65D543/00Y8S1D2 L65D543/00Y8S3B4 L65D543/00Y8S3D2

PatBase - WO9855365_A1



Family:

Publication number	Publication date	Application number	Application date
AU199877506 A1	19981221	AU19980077506	19980604
AU720797 A0	19970703	AU1997PO07207	19970605
WO9855365 A1	19981210	WO1998AU00420	19980604

Priority:

AU1997PO07207 19970605 AU19980077506 19980604 WO1998AU00420 19980604

Probable Assignee: GILMOUR S COMFORT SHOES PTY LT

Assignee(s): (std): BROWN JACK FLETCHER ; GILMOUR JOSEPH JOHN DANIEL ; GILMOUR S COMFORT SHOES PTY LT

Assignee(s): GILMOUR S COMFORT SHOES PTY LTD

Inventor(s): (std): BROWN JACK FLETCHER ; GILMOUR JOSEPH JOHN DANIEL ; JOSEPH JOHN DANIEL GILMOUR ; JACK FLETCHER BROWN

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

Title: CONTAINER WITH COVER PROVIDED WITH A BREAK-OFF PART

Abstract: Packaging comprising a container (1) with a bottom (3), a wall (4) with an upper edge (5) remote from the bottom (3) and an opening (7), and a cover (2) with an upper wall (6) and a side wall (9) for closing the opening (7), wherein the side wall (9) of the cover (12) is provided with a break-off part (11), in which packaging an upper wall in which the opening (7) is situated connects onto the upper (5) edge of the container (1), wherein a groove (10) running continuously in peripheral direction is arranged in the upper wall (6) between an inner edge of the upper wall (6) bounding the opening (7) and the upper edge of the wall, in which groove (10) the side wall (9) of the cover (2) is located.; The side wall (9) of the cover (12), and therewith the break-off part (11), is no longer situated on the outside of the container (1), so that removal of the cover (2) without breaking the break-off part (11) of the cover (2) is made more difficult.

Classifications:

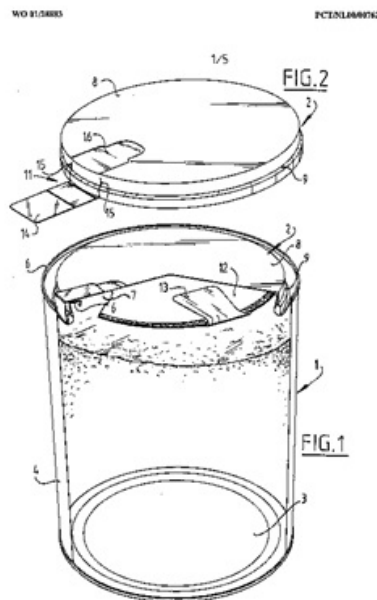
International (IPC 8-9): B65D17/40 B65D43/02 (Advanced/Invention); B65D17/28 B65D43/02 (Core/Invention)

International (IPC 1-7): B65D43/02 B65D43/06 B65D43/08 B65D43/8

CPC: B65D43/0256 B65D2101/0023 B65D2101/0053 B65D2543/00092 B65D2543/00296 B65D2543/00425 B65D2543/00435 B65D2543/00527 B65D2543/00537 B65D2543/0062 B65D2543/00685 B65D2543/0074 B65D2543/00796 B65D2543/00842

European: B65D43/02T3E L65D101/00A3 L65D101/00A3E L65D543/00Y10B2 L65D543/00Y1F2C L65D543/00Y1M6 L65D543/00Y4 L65D543/00Y6 L65D543/00Y8D1N L65D543/00Y8D3 L65D543/00Y8S1B2 L65D543/00Y8S1D2 L65D543/00Y8S3B4 L65D543/00Y8S3D2

PatBase - WO0128883_A1

**Family:**

Publication number	Publication date	Application number	Application date
AU200117375 A5	20010430	AU20010017375D	20001020
NL1013346 C2	20010423	NL19991013346	19991020
WO0128883 A1	20010426	WO2000NL00762	20001020

Priority:

NL19991013346 19991020 WO2000NL00762 20001020

Probable Assignee: NUTRICIA NV

Assignee(s): (std): DOLLENKAMP OSCAR FRANCISCUS LA ; N V NUTRICIA ; NUTRICIA NV

Assignee(s): DOLLENKAMP OSCAR FRANCISCUS LAURENTIUS

Inventor(s): (std): DOLLENKAMP OSCAR FRANCISCUS LA ; DOLLENKAMP OSCAR FRANCISCUS LA ; OSCAR FRANCISCUS LAURENTIUS DOLLENKAMP

Inventor(s): OSCAR FRANCISCUS LAURENTIUS DOLLENKAMP ; DOLLENKAMP OSCAR FRANCISCUS LAURENTIUS

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

Title: RECLOSABLE CONTAINER

Abstract: Source: US2002092852A A reclosable container includes a container having an opening defined by a rim, a reclosable lid having a rim-engaging portion and a recessed portion inwardly of the rim-engaging portion, and a sealing sheet material separate from the lid, the sealing sheet material extending across the opening and being removably secured to the container rim beneath the lid, wherein the recessed portion of the lid projects into the container opening and the sealing sheet material has a recessed portion which accommodates the recessed portion of the lid.

Classifications:

International (IPC 8-9): B29C65/00 B29C65/18 B65B7/16 B65D21/02 B65D43/02 B65D43/08 B65D51/14 B65D51/20 B65D53/06 (Advanced/Invention);

B29C51/08 B29C51/42 B29C69/00 (Advanced/Non-invention); B65D43/08 B65D51/00 B65D53/00 (Core/Invention)

International (IPC 1-7): B65B7/28 B65D43/08 B65D51/00 B65D51/14 B65D51/20 B65D53/00 B65D53/06

CPC: B29C66/53421 B29C66/542 B29C66/545 B29C66/8161 B29C47/003 B29C47/0038 B29C47/004 B29C47/0054 B29C51/08 B29C51/422 B29C65/18 B29C66/1312 B29C66/344 B29C69/00 B65B7/168 B65D21/0219 B65D43/0212 B65D51/20 B65D2251/0018 B65D2251/0093 B65D2543/00083 B65D2543/00092 B65D2543/00296 B65D2543/00509 B65D2543/00537 B65D2543/00555 B65D2543/00657 B65D2543/00685 B65D2543/00731 B65D2543/00796 B65D2543/00842 B29C66/81419 B29C66/81427 B29C66/8322 B29C66/8246 B29C66/71 B29C66/8242

European: B29C65/18 B29C66/344 B29C66/534 B29C66/8161 B65B7/16D B65D21/02E7A B65D43/02S3E B65D51/20 L29C47/00J9 L29C47/00L L29C47/00L4 L29C47/00L7 L29C51/08 L29C51/42B2 L29C65/18 L29C69/00 L65D251/00Y2F L65D251/00Y6M L65D543/00Y10B2 L65D543/00Y1F2B L65D543/00Y1F2C L65D543/00Y1M6 L65D543/00Y8D1C L65D543/00Y8D3 L65D543/00Y8D5 L65D543/00Y8S1B10 L65D543/00Y8S1D2 L65D543/00Y8S3B2 L65D543/00Y8S3D2

US: 220/258.1 220/258.100P 220/359.1 220/359.100S 53/487 53/487P

PatBase - US2002092852_AA

Patent Application Publication Jul. 18, 2002 Sheet 1 of 3 US 2002/092852 A1

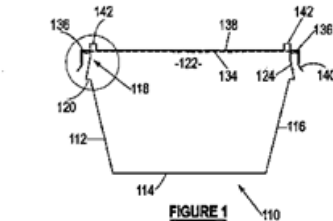


FIGURE 1
PRIOR ART

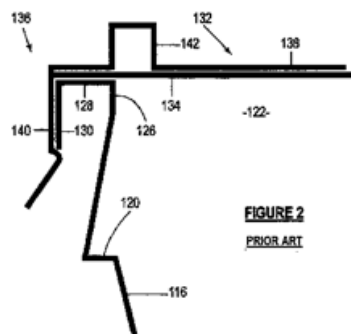


FIGURE 2
PRIOR ART

Family:

Publication number	Publication date	Application number	Application date
AU2000000383 A0	20001019	AU2000PR00383	20000926
AU200172156 A5	20020328	AU20010072156D	20010917
AU774903 B2	20040715	AU20010072156	20010917
CA2357721 AA	20020326	CA20012357721	20010925
EP1190958 A2	20020327	EP20010308157	20010926
EP1190958 A3	20030806	EP20010308157	20010926
NZ514462 A	20020628	NZ20010514462	20010926
US2002092852 AA	20020718	US20010961994	20010924
US2004159080 AA	20040819	US20030737044	20031216

Priority:

AU2000PR00383 20000926 AU20010072156 20010917 US20030737044 20031216
US20010961994 20010924

Probable Assignee: CRYOVAC AUSTRALIA PTY LTD

Assignee(s): (std): BULLOCK LANCE ; CRYOVAC AUSTRALIA PTY LTD ; KREMAR FRANK ; STEWART MICHAEL

Inventor(s): (std): BULLOCK LANCE ; FRANK KREMAR ; KREMAR FRANK ; LANCE BULLOCK ; MICHAEL STEWART ; STEWART MICHAEL

Inventor(s): NOT SUPPLIED

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD

Designated states: AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

Title: A Container and Lid with Bisecting Hinge

Abstract: Source: GB2367814A A thin-walled container (10) and lid (16) assembly for holding liquids has the top of the container terminating in an outwardly extending lip (12) and therebelow has a peripheral seat (14). The lid (16) is provided with a peripheral channel (18). The outer face or part thereof of the outer wall (20) of the channel (18) is to engage against the peripheral seat (14) of the container (10) with the outer wall (20) having seat-retaining means. The lid (16) is re-closable across the top of the container (10) and has first and second portions (22, 24) integral one with the other with a hinge facility between the first and second portions (22, 24) to enable the first portion (22) to be moved relative to the second portion (24) to partially open the container (10) for liquid to be poured therefrom and thereafter to reseal the container (10).

Classifications:

International (IPC 8-9): B65D43/02 B65D43/04

B65D43/16 (Advanced/Invention);

B65D43/02 B65D43/16 (Core/Invention)

International (IPC 1-7): B65D43/02 B65D43/04 B65D43/06

CPC: B65D43/021 B65D43/161 B65D2543/00092 B65D2543/00194

B65D2543/00296 B65D2543/00379 B65D2543/00509

B65D2543/00546 B65D2543/0062 B65D2543/00685

B65D2543/00731 B65D2543/00796 B65D2543/00842

European: B65D43/02S3D B65D43/16A L65D543/00Y10B2

L65D543/00Y1F2C L65D543/00Y1F4C3 L65D543/00Y1M6

L65D543/00Y2F1 L65D543/00Y8D1C L65D543/00Y8D3N

L65D543/00Y8S1B2 L65D543/00Y8S1D2 L65D543/00Y8S3B2

L65D543/00Y8S3D2

PatBase - GB2367814_A1

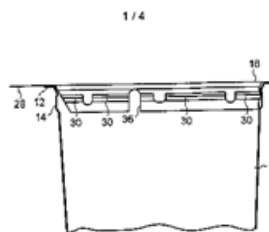


FIG. 1

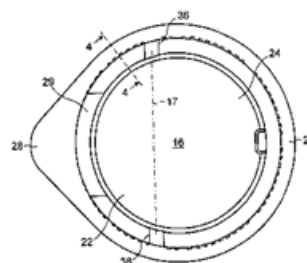


FIG. 2

Family:

Publication number	Publication date	Application number	Application date
GB200024534 A0	20001122	GB20000024534	20001006
GB200123679 A0	20011121	GB20010023679	20001006
GB2367814 A1	20020417	GB20010023679	20001006
IE20010875 A1	20020529	IE20010000875	20011004

Priority:

GB20000024534 20001006

Probable Assignee:

WILSANCO PLASTICS LTD

Assignee(s): (std):

WILSANCO PLASTICS LTD

Assignee(s):

WILSANCO PLASTICS LIMITED

Inventor(s): (std):

WILSON JEREMY

Inventor(s):

JEREMY WILSON

Title: LID FOR E.G. DRINKS GLASS HAS AN ADDITIONAL LID WITH AN INTERMEDIATE AREA FOR INSERTION OF AN ADDITIONAL PRODUCT E.G. ADVERTISING MATERIAL

Abstract: Source: DE20115057U1 The lid (1) has an additional lid (2) with an intermediate area (3) for insertion of an additional product (4). The intermediate area is completely closed and the lid can be placed on the glass and removed easily with a span fastening. The lid has a screw fastening also if desired.

Classifications:

International (IPC 8-9): B65D43/02 B65D43/10

B65D51/28 (Advanced/Invention);

B65D43/02 B65D43/08 B65D51/24 (Core/Invention)

International (IPC 1-7): B65D43/10 B65D51/18 B65D51/28

CPC: B65D43/0212 B65D51/28 B65D2231/02 B65D2543/00092

B65D2543/00296 B65D2543/00527 B65D2543/00537

B65D2543/00629 B65D2543/00648 B65D2543/00685

B65D2543/0074 B65D2543/00796 B65D2543/00842

European: B65D43/02S3E B65D51/28 L65D231/02

L65D543/00Y10B2 L65D543/00Y1F2C L65D543/00Y1M6

L65D543/00Y8D1N L65D543/00Y8D3 L65D543/00Y8S1B4

L65D543/00Y8S1B8 L65D543/00Y8S1D2 L65D543/00Y8S3B4

L65D543/00Y8S3D2

PatBase - DE20115057_U1

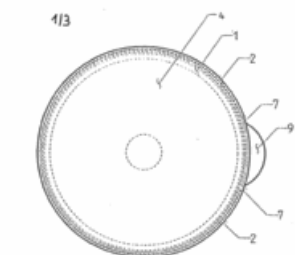


Fig. 1

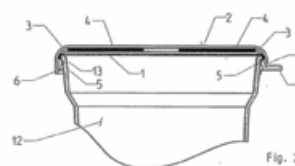


Fig. 2

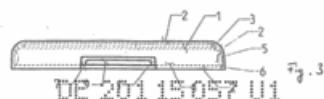


Fig. 3

Family:

Publication number	Publication date	Application number	Application date
DE20115057 U1	20030206	DE20012015057U	20010912

Priority:

DE20012015057U 20010912

Probable Assignee:

ADOMA GMBH

Assignee(s): (std):

ADOMA GMBH

Title: PLASTIC LID FOR A CAN

Abstract: Source: US2005092751A A plastic lid for a can of the type comprising a tubular body (10) having an upper end (13) for the seating of the lid (20) comprising a sealing portion (21), removably seated on the tubular body (10) and provided with an upper edge (21b), a seal portion (25), to be ruptured upon the first opening of the lid (20), having an upper ring (25b) which is incorporated to a lower skirt (25a), said upper ring (25b) and said lower skirt (25a) being respectively seated onto and around part of the upper end (13), said upper ring (25b) being incorporated through radial bridges (26), to said upper edge (21b), the seal portion (25) presenting an interruption (25c) extending through the width of the upper ring (25b) and through at least part of the height of the lower skirt (25a). The sealing portion (21) incorporates a gripping tab (27) which is manually operable only when part of the seal portion (25) is ruptured.

Classifications:

International (IPC 8-9): B65D1/00 B65D17/28 B65D17/34 B65D17/40 B65D21/02 B65D39/02 B65D41/32 B65D43/02 B65D43/03 B65D43/04 B65D47/36 B65D51/20 (Advanced/Invention); B65D21/02 B65D21/03 B65D21/032 B65D41/32 B65D43/02 (Advanced/Non-invention); B65D1/00 B65D17/28 B65D21/02 B65D21/032 B65D39/00 B65D41/32 B65D43/02 B65D47/00 (Core/Invention); B65D21/03 B65D21/032 (Core/Non-invention); B65D (Subclass/Invention); B65D (Subclass/Non-invention)

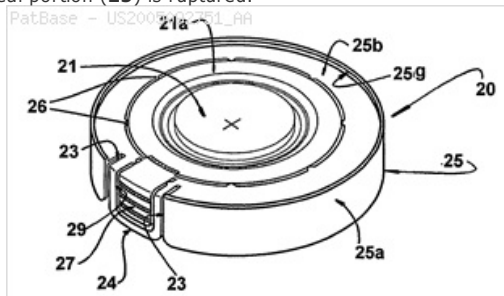
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B65D2543/00296 B65D2543/00435 B65D2543/00509 B65D2543/00537 B65D2543/00546 B65D2543/00555 B65D2543/00638 B65D2543/00685 B65D2543/00731 B65D2543/00796 B65D2543/00842

European: B65D21/02E7A B65D43/02T3D L65D543/00Y10B2 L65D543/00Y1F2C L65D543/00Y1M6 L65D543/00Y6 L65D543/00Y8D1C L65D543/00Y8D3 L65D543/00Y8D3N L65D543/00Y8D5 L65D543/00Y8S1B6 L65D543/00Y8S1D2 L65D543/00Y8S3B2 L65D543/00Y8S3D2

US: 215/255 215/256 220/257.1 220/257.2 220/258.1 220/258.2 220/270 220/276 220/319



Family:

Publication number	Publication date	Application number	Application date
AR038867 AA	20050202	AR2003P100722	20030305
AU2003209871 AA	20030916	AU20030209871	20030306
AU2003209871 BB	20100311	AU20030209871	20030306
BRPI0203950 A	20040525	BR2002PI03950	20020906
BRPI0203950 B1	20130424	BR2002PI03950	20020906
CA2476393 AA	20040816	CA20032476393	20030306
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CL44517 B	20081223	CL20030000431	20030305
CN1639020 A	20050713	CN20038005485	20030306
CN1639020 B	20100512	CN20038005485	20030306
DE60324256 D1	20081204	DE20036024256	20030306
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EP1480890 B1	20081022	EP20030743278	20030306
ES2316783 T3	20090416	ES20030743278T	20030306
HK1080439 A1	20101231	HK20060100468	20060112
IN01182KN2004 A	20060714	IN2004KN01182	20040816
IN230222 B	20090227	IN2004KN01182	20040816
JP2005519002 T2	20050630	JP20030572862T	20030306
JP4413011 B2	20100210	JP20030572862T	20030306
KR100987734 B1	20101013	KR20047013626	20030306
KR20040093727 A	20041108	KR20047013626	20030306
MXPA04008629 A1	20041206	MX2004PA08629	20030306
MY138157 A	20090430	MY20030000763	20030305
RU2004129740 A	20050410	RU20040129740	20030306
RU2317237 C2	20080220	RU20040129740	20030306
TH42446 B	20141225	TH20031000786	20030306
TH61816 A	20040430	TH20031000786	20030306
TW200408589 A	20040601	TW20030124612	20030905
TWI327545 B	20100721	TW20030124612	20030905
US2005092751 AA	20050505	US20030504515	20030306
US7731048 BB	20100608	US20030504515	20030306
UY27697 A1	20030630	UY20030027697	20030306
VN7971 A1	20091026	VN20030000777	20030306
WO03074381 A1	20030912	WO2003BR00030	20030306
ZA200406578 A	20060628	ZA20040006578	20040818

Priority:

BR2002PI01981 20020307 BR2002PI03950 20020906 WO2003BR00030 20030306
BRPI 0203950-8 20020906

Probable Assignee: BRASILATA S A EMBALAGENS METALICAS

Assignee(s): (std): BRASILATA EMBALAGENS METALICAS ; BRASILATA S A EMBALAGENS METAL ; SENE ANTONIO ROBERTO ; BRASILATA S A EMBALAGENS METALICAS ; ALVARES ANTONIO CARLOS TEIXEIR

Assignee(s): ALVARES ANTONIO CARLOS TEIXEIRA ; BRASILATE S A EMBALAGENS METALICAS ; BRASILATA EMBALAGENS METALICAS SA ; BRASILATA S A EMBALAGENS MATALICAS

Inventor(s): (std): ROBERTO SENE ANTONIO ; SENE ANTONIO R ; TEIXEIR ALVARES ANTONIO CARLOS ; TEIXEIRA ANTONIO C ; TEIXEIRA ALVARES ANTONIO CARLOS ; ALVARES ANTONIO CARLOS ; ALVARE ANTONIO CARLOS TEIXEIRA ; SENE ANTONIO ROBERTO ; ALVARES ANTONIO C T ; ALVARES ANTONIO CARLOS TEIXEIR ; ANTONIO ROBERTO SENE ; ANTONIO CARLOS TEIXEIRA ALVARES ; ALVARES ANTONIO CARLOS TEIXEIRA

Inventor(s): ALVARES ANTONIO ; ALVARES ANTONIO CT ; SENE ANTONIO ; ALVERES ANTONIO CARLOS TEIXEIRA ;
ALVERES ANTONIO ; ANTONIO R SENE ; ANTONIO C TEIXEIRA ; ALVARES ANTONIO KARLOS
TEJSHEJRA

Agent(s): CALLINANS; FISHER ADAMS KELLY CALLINANS; BERESKIN AND PARR LLP; PORZIO; HAGEMANN
HEINRICH ET AL; HITOSHIO AKIO; TSUBOKURA MICHIAKI; ONO MAKOTO; OSAKI KATSUMASA;
KAWAGUCHI YOSHIO; DARBY AND DARBY PC

Designated states: AE AG AL AM AT AU AZ BA BB BE BF BG BJ BY BZ CA CF CG CH CI CM CN CO CR CU CY CZ DE DK
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LC LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PH PL PT RO RU SC
SD SE SG SI SK SL SN SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Title: Resealable containers

Abstract: Source: GB2387379A A container (1) comprises a dish (2) and a lid (3). The rim (4) of the dish (2) and the edge (5) of the lid (3) are adapted to provide a resealable closure arrangement (6). In addition, a frangible, substantially air-tight seal (11) is located between the lid (3) and the rim (4) of the dish (2) which is broken by peeling the lid (3) at least partially away from the rim (4) of the dish (2). The container is primarily for the packaging of foodstuffs, primarily pet foods, so that after opening by breaking the frangible seal (11), the dish (2) can be used to serve the food without it being decanted into a serving bowl and thereafter any residue can be resealed within the container (1) by means of the closure arrangement (6) and saved for later use. The lid (3) may be hinged, preferably integrally, to the dish (2) and the dish (2) may be partitioned.; Non-slip means such as an O-ring (19) may inhibit sliding of the dish (2).

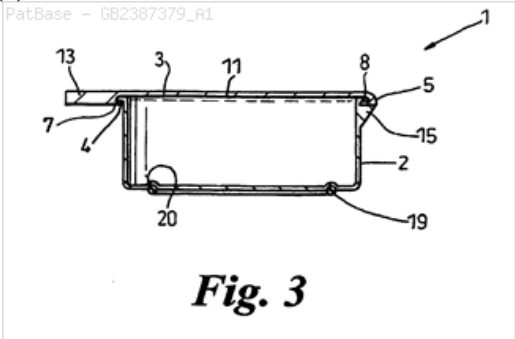
Classifications:

International (IPC 8-9): B65D25/20 B65D43/16 (Advanced/Invention); B65D25/20 B65D43/16 (Core/Invention)

International (IPC 1-7): B65D43/02

CPC: B65D25/20 B65D43/162

European: B65D25/20 B65D43/16B



Family:

Publication number	Publication date	Application number	Application date
GB200208017 A0	20020515	GB20020008017	20020408
GB200215992 A0	20020821	GB20020015992	20020711
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Priority:

GB20020008017 20020408

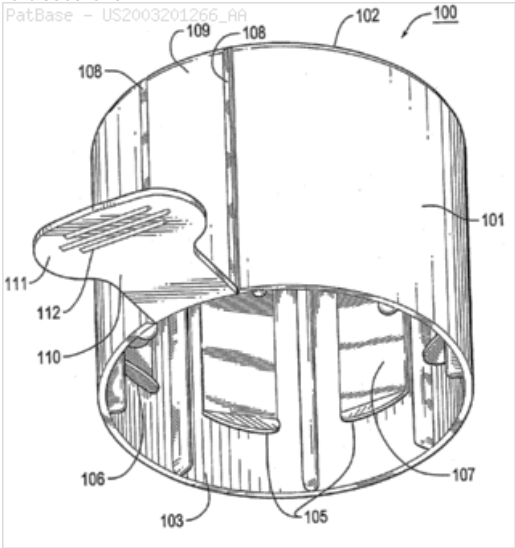
Probable Assignee: FITTON ERNEST W
Assignee(s): (std): FITTON ERNEST W ; FITTON ERNEST WILLIAM
Assignee(s): ERNEST WILLIAM FITTON
Inventor(s): (std): FITTON ERNEST WILLIAM
Inventor(s): ERNEST WILLIAM FITTON

Title: PROTECTIVE VALVE CAP

Abstract: Source: US2003201266A A protective cap for a threaded valve stem includes a generally cylindrical portion including a closed end, an open end and a cylindrical wall portion therebetween. A plurality of locating ribs are located on an internal surface of the cylindrical wall portion. A plurality of fingers project radially inward from the internal surface between the locating ribs. A tear strip formed by two frangible members, and a pull tab are formed on an external surface of the cylindrical wall portion Each finger is located between a pair of the locating ribs and has a flexible portion adjacent the internal surface for locating the fingers in unlocked state and a locked state. The fingers in the unlocked state are inclined toward the open end, and the fingers in the locked state curl toward the closed end.

Classifications:

International (IPC 8-9): B65D59/06 (Advanced/Invention); B65D59/00 (Core/Invention)
International (IPC 1-7): B65D17/34 B65D41/62
CPC: B65D59/06 F17C2205/05
European: B65D59/06 R17C205/05
US: 215/254 215/319 220/258.2 220/258.200P 220/27 220/270 220/287 220/323 220/724 220/793 220/799 220/805 222/182



Family:

Publication number	Publication date	Application number	Application date
US2003201266 AA	20031030	US20020134537	20020430
US6854616 BB	20050215	US20020134537	20020430

Priority:

US20020134537 20020430

Probable Assignee: ESSENTRA PLASTICS LLC

Assignee(s): (std): ALLIANCE PLASTICS

Assignee(s): BUNZL PLASTICS INC ; ESSENTRA PLASTICS LLC ; FILTRONA PLASTICS LLC

Inventor(s): (std): STEFFAN DANIEL J

Agent(s): OLIFF AND BERRIDGE PLC

Title: CONTAINER

Abstract: Source: US2009032535A A container (1) particularly for food products comprising a metal can body (2) and a combination of a ring (12) and a foil membrane (14), the combination being attached to the can body, in which the ring is made of a plastics material, wherein the inside diameter of the plastic ring is no less than the inside diameter of the can body away from the attachment location of the ring on the can body.

Classifications:

International (IPC 8-9): B65B7/28 B65D17/34 B65D17/50

B65D21/02 B65D77/20 B65D8/22 (Advanced/Invention);

B65B7/28 B65D17/00 B65D17/28 B65D21/02 B65D77/10

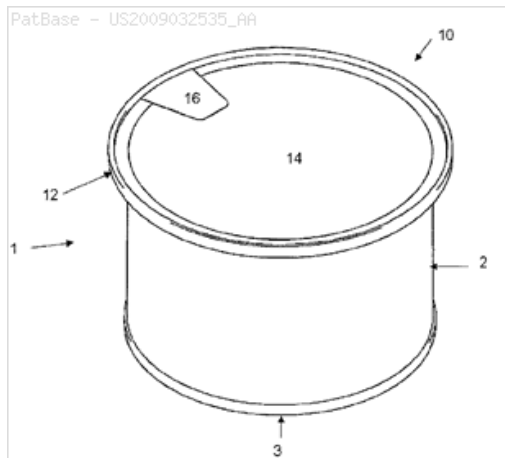
B65D8/04 (Core/Invention)

CPC: B65D15/14 B65D17/502 B65D21/0219 B65D77/202

B65D2517/5013

European: B65D15/14 B65D17/50A1 B65D21/02E7A B65D77/20B4
L65D517/50M4

US: 156/69 220/270



Family:

Publication number	Publication date	Application number	Application date
AU2007220536 AA	20070907	AU20070220536	20070223
CA2642569 AA	20080815	CA20072642569	20070223
CN101395067 A	20090325	CN200780007246	20070223
EP1989121 A1	20081112	EP20070712316	20070223
GB200604097 A0	20060412	GB20060004097	20060301
MX2008011172 A1	20080910	MX20080011172	20070223
US2009032535 AA	20090205	US20070281024	20070223
WO07099066 A1	20070907	WO2007EP51771	20070223

Priority:

GB20060004097 20060301 WO2007EP51771 20070223

Probable Assignee: CROWN PACKAGING TECHNOLOGY INC

Assignee(s): (std): CLAYDON PAUL ; CROWN PACKAGING TECHNOLOGY INC ; DUNWOODY PAUL ; CROWN PACKAGING UK PLC ; MARRIOTT PHIL ; BULLOCK JAMES

Assignee(s): BULLOCK JAMES LESLIE ; DUNWOODY PAUL ROBERT ; MARRIOTT PHILIP ALAN

Inventor(s): (std): BULLOCK JAMES ; BULLOCK JAMES LESLIE ; CLAYDON PAUL ; DUNWOODY PAUL ; DUNWOODY PAUL ROBERT ; DUNWOODY ROBERT PAUL ; JAMES BULLOCK ; MARRIOTT PHIL ; MARRIOTT PHIL ALAN ; MARRIOTT PHILIP ALAN ; PAUL CLAYDON ; PAUL DUNWOODY ; PHIL MARRIOTT

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; RATLIFF ISMAY HILARY; WOODCOCK WASHBURN LLP

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

Title: CONTAINERS WITH TAMPER-EVIDENT FEATURES

Abstract: Source: US2012241456A A container has a lid that can be opened only by lifting and pulling a pull tab, with lifting of the pull tab resulting in an evident change. The pull tab is held down by attachment (interference fit, weld, glue) to a lid surface by a hold-down that is joined to the pull tab by a pair of bridges. When the pull tab is lifted, the bridges are broken. Thereafter, the pull tab springs up slightly from the lid plane, under the force of one or more spring walls and a hinge, which makes it evident that the container has been opened.

Classifications:

International (IPC 8-9): B65B25/04 B65B5/02 B65B7/28 B65D17/34 B65D43/02 B65D50/14 B65D55/06 (Advanced/Invention)

CPC: B65D43/0254 B65D2543/00092 B65D2543/00296

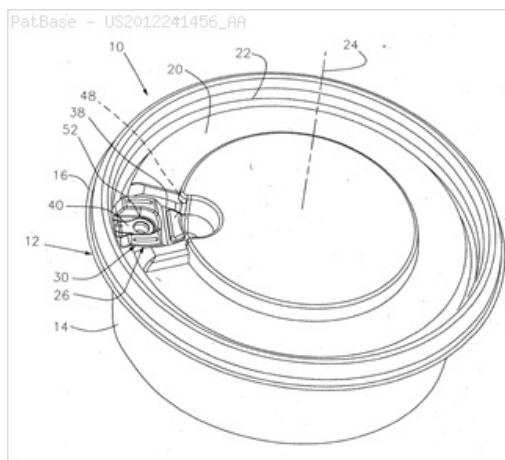
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B65D2543/00685 B65D2543/00731 B65D2543/00796

B65D2543/00842

European: B65D17/16B1 B65D17/50

US: 1/1 215/253 220/260 220/270 220/784 220/791 220/793 53/452 53/471



Family:

Publication number	Publication date	Application number	Application date
CA2772192 AA	20120922	CA20122772192	20120321
US2012241456 AA	20120927	US20110374365	20111223
US8272526 BA	20120925	US20110065436	20110322
US9278786 BB	20160308	US20110374365	20111223

Priority:

CA20122772192 20120321 US20110065436 20110322 US20110374365 20111223

Probable Assignee: SMART TAB LLC

Assignee(s): (std): ROSEN LEON D ; SMART TAB LLC ; VOVAN JANE N ; VOVAN TERRY

Inventor(s): (std): ROSEN LEON D ; VOVAN JANE N

Agent(s): FETHERSTONHAUGH AND CO; TODD L

Title: CONTAINER CLOSURE

Abstract: Source: US2014326735A A package includes a container and a closure for an opening into an interior region formed in the container the closure is configured to mount on a brim of the container.

Classifications:

International (IPC 8-9): A47G19/02 B65D43/02 B65D43/08

B65D6/00 B65D77/20 B65D8/04 B65D8/18

B65D90/02 (Advanced/Invention)

CPC: A47G19/02 B65D43/0256 B65D43/0262 B65D77/2088

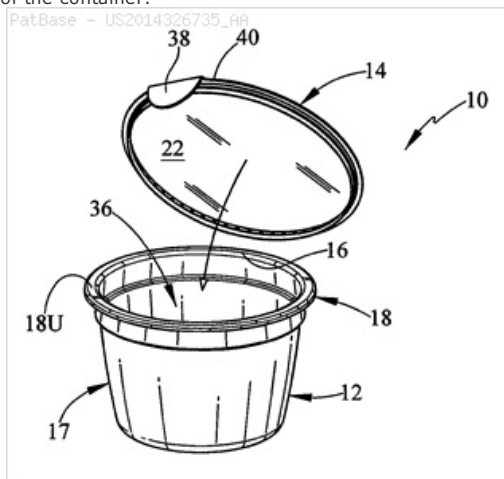
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B65D2543/00814 B65D2543/00842 B65D2577/205

US: 1/1 220/574



Family:

Publication number	Publication date	Application number	Application date
CN105263813 A	20160120	CN201480031650	20140429
EP2991913 A1	20160309	EP20140791028	20140429
EP2991913 A4	20161130	EP20140791028	20140429
MX2015015310 A1	20160823	MX20150015310	20140429
US2014326735 AA	20141106	US20140264512	20140429
US9474397 BB	20161025	US20140264512	20140429
WO14179287 A1	20141106	WO2014US35837	20140429

Priority:

US20130819401P 20130503

US20140264512 20140429

WO2014US35837 20140429

Probable Assignee: BERRY PLASTICS CORP

Assignee(s): (std): BERRY PLASTICS CORP

Inventor(s): (std): JEFFREY C MINNETTE ; MINNETTE JEFFREY C

Agent(s): HINKS NATHAN JOEL; BARNES AND THORNBURG LLP; REZEK RICHARD A ET AL

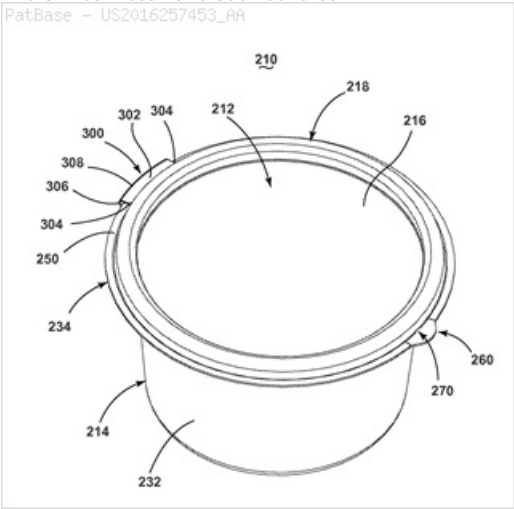
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Title: TAMPER EVIDENT AND RESISTANT CONTAINER

Abstract: Source: US2016257453A A container having tamper evident and resistant features includes a tray, a cover, and a blocking wall that prevents direct access to a peripheral cover lip of the cover when the cover is in a closed position on the tray. The container includes at least one tab that prevents direct access to the peripheral cover lip and which is at least partially separable from the container along at least one line of weakness to provide access to the peripheral cover lip for removing the cover from the tray. The tab further includes an interference element that inhibits replacement of the tab into its original position with respect to the container after the at least one line of weakness have been severed.

Classifications:

International (IPC 8-9): B65D17/28 B65D17/34 B65D17/347
B65D17/40 B65D43/02 B65D43/16 B65D50/00 (Advanced/Invention)
CPC: B65D2543/00842 B65D2203/12 B65D2251/20 B65D2543/0037
B65D2543/00462 B65D2543/0049 B65D43/0241 B65D2543/00296
B65D2543/00472 B65D2543/00509 B65D2543/00537
B65D2543/00555 B65D2543/00768 B65D2543/00796 B65D43/162
B65D2101/0015 B65D2543/00092 B65D2543/00657
B65D2543/00685 B65D43/163 B65D43/0254 B65D2543/0062
B65D2543/00731 B65D43/0239
US: 220/214 220/270



Family:

Publication number	Publication date	Application number	Application date
BR102016004467 A2	20160906	BR20161004467	20160229
CA2921472 AA	20160902	CA20162921472	20160222
EP3064446 A1	20160907	EP20160155246	20160211
MX2016002344 A1	20160901	MX20160002344	20160222
US2016257453 AA	20160908	US20150635590	20150302
US2016257454 AA	20160908	US20160058226	20160302

Priority:

US20150635590 20150302 US20160058226 20160302

Probable Assignee: DART CONTAINER CORP

Assignee(s): (std): DART CONTAINER

Assignee(s): DART CONTAINER CORP ; MYER WAYNE J

Inventor(s): (std): MYER WAYNE J ; WAYNE J MYER

Agent(s): BORDEN LADNER GERVAIS LLP; SESSFORD RUSSELL

Designated states: AL AT BA BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC ME MK MT NL NO
PL PT RO RS SE SI SK SM TR

Title: ENHANCED TAMPER-EVIDENT CONTAINER

Abstract: Source: US9546018B A tamper-evident container has a lid (14) that can be opened only by lifting and pulling a tab (18). Pulling of the tab breaks a breakable joint (41, 43, 70, Fig. 4) that connects the tab (18) to a hold-down (24) that is fixed to the lid, so when the tab is released from the hold-down the tab springs up (Fig. 2) to an upward incline J to indicate that the container was opened.

Classifications:

International (IPC 8-9): B65D17/00 B65D17/34

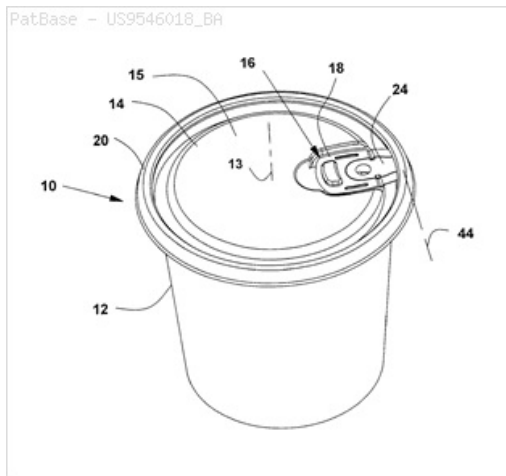
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B65D2543/0062 B65D2543/00657 B65D2543/00685

B65D2543/00768 B65D2543/00796 B65D2543/00833



Family:

Publication number	Publication date	Application number	Application date
US9546018 BA	20170117	US20130960561	20130806

Priority:

US20130960561 20130806

Probable Assignee: SMART TAB LLC

Assignee(s): (std): ROSEN LEON ; SMART TAB LLC ; VOVAN TERRY

Inventor(s): (std): ROSEN LEON ; VOVAN TERRY

Agent(s): JUNEAU AND MITCHELL; TODD L