

Search query (7): [SP]: we claim:1. a package tube comprising a tube body, a tube neck integral therewith and extending therefrom and provided with a discharge passage therein, a closing means formed integrally with said tube neck and connected thereto by a weakened portion for closing the discharge passage in said tube neck, the inner end portion of said closing means having a greater outer dimension than said tube neck, said closing means also being provided with an offset portion facing said tube body, a sponge-like body mounted on said tube neck, and a protecting cover member provided with a passage therethrough, said passage having an enlarged portion at the inner end thereof for enclosing and protecting said sponge-like body and said cover member being provided with a recess for engaging the offset portion of said closing means for retaining the cover member in place.2. a package tube as claimed in claim 1 wherein the outer surface of said closing means and the inner surface of said protecting cover member form non-circular mating surfaces whereby rotation of said cover member relative to said tube body will cause said closing means to be sheared from said tube neck at the weakened portion thereof to open said package tube.3. a package tube as claimed in claim 1 wherein said cover member sealingly presses against said tube body when said cover member engages the offset portion of said closing means.4. a package tube as claimed in claim 2, wherein said cover member is further provided on its outer surface with gripping means to facilitate rotation of said cover member when opening said package tube.5. a package tube as claimed in claim 1 wherein the outer end of said closing means is conical with the largest dimension facing said tube body to form said offset portion of said closing means, said dimension being greater than the corresponding dimension of the passage through said cover member.6. a package tube as claimed in claim 2 wherein the mating surfaces are conical each having an oval cross-section to prevent relative rotation between said cover member and said closing means.

Results: 19

1) Family number: 22848092 (US3121906A)

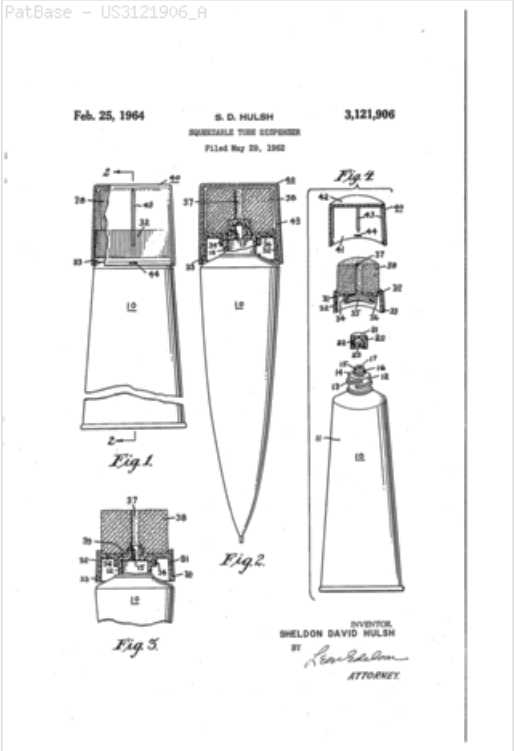
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Title: SQUEEZABLE TUBE DISPENSER

Abstract: (Claim 1) 1. A dispensing applicator container, comprising in combination, a deformable container having a pair of pyramided internally communicating neck portions each of which is externally threaded, the lower of said pair of neck portions extending directly from and internally communicating with the container and being surmounted by the upper of said pair of neck portions with the upper neck portion being of smaller diameter than the lower neck portion and having a centrally apertured top wall, a removable and replaceable closure cap interiorly threaded complementally to the externally threaded upper neck portion and being of transverse dimension no larger than the diameter of said lower neck portion, an applicator cap having an apertured top wall and depending from the underside thereof an internally threaded portion threaded complementally to the said externally threaded lower neck portion, said internally threaded portion being substantially concentric with the aperture in said applicator cap top wall and the aperture in said upper neck portion top wall when said applicator cap is screwably engaged with said container lower neck portion, the aperture in said applicator cap top wall being of sufficient size to permit through passage of said closure cap when the latter is screwably engaged with said container upper neck portion, an absorbent applicator element secured to the upper surface of said applicator cap top wall and including an opening therethrough substantially concentric with the aperture in said cap top wall, and an applicator element enclosing cover and means for detachably securing the same to said applicator cap.

Classifications:

International (IPC 8-9): B65D35/36 B65D47/42 (Advanced/Invention);
B65D35/24 B65D47/00 (Core/Invention)
International (IPC 1-7): B65D35/36
CPC: B65D35/36 B65D47/42
European: B65D35/36 B65D47/42
US: 401/202 401/262 D4/114



Family:

Publication number	Publication date	Application number	Application date
US3121906 A	19640225	US19620198503	19620529

Priority:

US19620198503 19620529

Probable Assignee: JERCLAYDON INC
Assignee(s): (std) JERCLAYDON INC
Inventor(s): (std) DAVID HULSH SHELTON
Inventor(s): HULSH SHELTON DAVID

Title: ONE PIECE MARKER BODY WITH HERMETICALLY SEALED REMOVABLE CAP

Abstract: Hermetically sealed plastic marker body includes a nib-holding portion with a removable closure cap projecting therefrom and separated therefrom by a severable reduced wall thickness segment. In preferred embodiments, the removable closure includes mating recesses or other shapes to fit over the nib-holding body portion, thus acting as a removable cap, and over another portion of the body acting as a storage holder for the cap when not used to cover the nib-holding portion. 3 Claims, 2 Drawing Figures

Classifications:

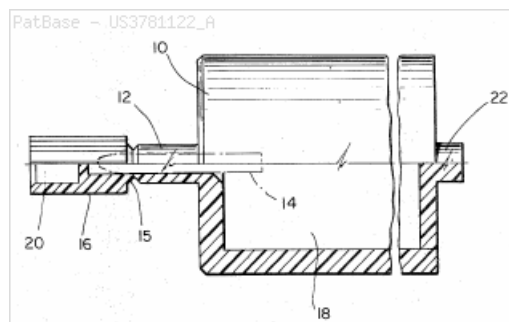
International (IPC 8-9): B43K23/12 B43K8/00 (Advanced/Invention); B43K23/00 B43K8/00 (Core/Invention)

International (IPC 1-7): B43K8/02 B43K9/00

CPC: B43K8/00 B43K23/12

European: B43K23/12 B43K8/00

US: 401/202



Family:

Publication number	Publication date	Application number	Application date
US3781122 A	19731225	US19720296258	19721010

Priority:

US19720296258 19721010

Probable Assignee: GRAPHIC CONTROLS CORP

Assignee(s): (std): GRAPHIC CONTROLS CORP

Assignee(s): GRAPHIC CONTROLS CORP US ; GRAPHICS CONTROLS CORP ; CITIBANK NA ; CITICORP INDUSTRIAL CREDIT INC

Inventor(s): (std): CHESSEMAN J

Inventor(s): CHESSEMAN J US

Title: DEVICE FOR STORING AND DISPENSING A FLOWABLE SUBSTANCE

Abstract: A device for storing and dispensing substances, preferably small quantities of liquids, including a container formed by two sheets, interconnected by hot sealing and cooperating to form a compartment for receiving the liquid and a pocket for receiving a brush. In the area between the compartment and the pocket, the connection between the sheets includes a pre-defined break zone which can be released by pressure exerted on the compartment, to force the liquid from the compartment into the pocket and wet the tip of the brush disposed therein.

Classifications:

International (IPC 8-9): A61C19/02 A61C19/06 A61C5/06 A61F13/38 A61J1/10 A61J3/00 B65D75/36 B65D75/58 B65D75/60 B65D77/24 B65D81/32 B65D85/00 (Advanced/Invention);

A61F13/38 A61J1/10 A61J3/00 (Advanced/Non-invention);

A61C19/00 A61C5/00 A61F13/38 A61J1/10 A61J3/00 B65D75/52

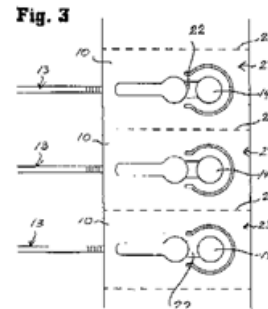
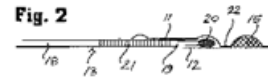
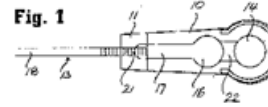
B65D77/24 B65D81/32 (Core/Invention)

International (IPC 1-7): A61C19/02 A61C19/06 A61F13/36 A61J1/10 A61J1/20 B05C11/10 B65D17/28 B65D69/00 B65D75/36 B65D75/58 B65D75/60 B65D77/24 B65D77/30 B65D81/05 B65D81/32 B65D85/00

CPC: A61C5/60 B65D77/245 B65D75/58

European: A61C5/06 B65D75/58 B65D77/24B

US: 206/15.3 206/153 206/229 206/438

**Family:**

Publication number	Publication date	Application number	Application date
AT200458 E	20010415	AT19980114761T	19980805
AU199878839 A1	19990218	AU19980078839	19980807
AU734372 B2	20010614	AU19980078839	19980807
CA2244628 AA	19990208	CA19982244628	19980806
CA2244628 C	20030805	CA19982244628	19980806
DE29714246 U1	19990128	DE19972014246U	19970808
DE59800606 D1	20010517	DE19985000606	19980805
EP0895943 A2	19990210	EP19980114761	19980805
EP0895943 A3	19990707	EP19980114761	19980805
EP0895943 B1	20010411	EP19980114761	19980805
JP11146902 A2	19990602	JP19980225941	19980810
JP3115862 B2	20001211	JP19980225941	19980810
US6105761 A	20000822	US19980130630	19980806

Priority:

DE19972014246U 19970808 DE19985000606 19980805 CA19982244628 19980806

Probable Assignee: 3M DEUTSCHLAND GMBH

Assignee(s): (std): ESPE DENTAL AG ; THERA GES FUER PATENTE ; THERA GES F PATENTE

Assignee(s): THERA PATENT GMBH AND CO KG GESELLSCHAFT FUER INDU ; THERA PATENT GMBH AND CO KG GESELLSCHAFT FUER INDUSTRIELLE SCHUTZRECHTE 82229 SEEFELD DE ; POSCHMANN DIETER ; THERA PATENT GMBH AND CO GES F INDUSTRIELLE SCHUTZRECHTE 82229 SEEFELD DE KG ; PEUKER MARC ; 3M DEUTSCHLAND GMBH ; 3M ESPE AG ; BERL MATHIAS

Inventor(s): (std): BERL MATHIAS ; DIETER POSCHMANN ; MARC PEUKER ; MATHIAS BERL ; PEUKER MARC ; POSCHMANN DIETER

Agent(s): DAVIES COLLISON CAVE; DAVIES COLLISON CAVE PTY LTD; KIRBY EADES GALE BAKER

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

4) Family number: 61543338 (US2017197069A)

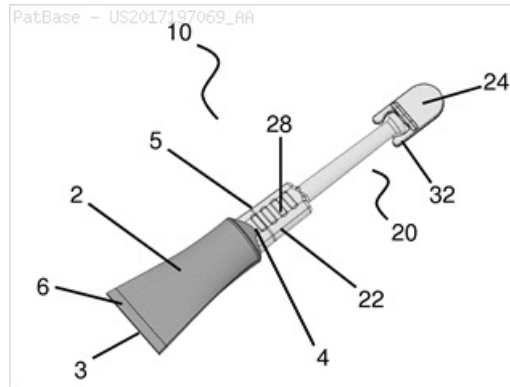
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Title: TUBE WITH APPLICATION TIP

Abstract: The invention relates to a tube with an application tip for liquid or pasty material, in particular pharmaceutical. The tube has a tube body with an end which can be closed or has already been closed and with an outlet end. The outlet end of the tube has a tube neck with an outlet opening. Furthermore, the tube according to the invention has an application tip which is elongated in the longitudinal direction of the tube, is connected to the outlet end of the tube, and has an inner channel which connects an inlet opening and an application opening. A closure which closes the application opening is moulded onto the application opening of the application tip. The application tip has a gripping means.

Classifications:

International (IPC 8-9): A61J1/00 A61J1/05 A61J1/06 A61M A61M31/00 A61M35/00 A61M5/00 B05C17/005 B05C21/00 B29C39/00 B65B3/00 B65D1/09 B65D17/353 B65D35/00 B65D35/08 B65D35/38 B65D37/00 B65D47/00 (Advanced/Invention); A61J1/00 A61M31/00 A61M35/00 B65D35/00 (Core/Invention)

**Family:**

Publication number	Publication date	Application number	Application date
AR101022 AA	20161116	AR2015P102077	20150629
AU2015294103 AA	20170202	AU20150294103	20150717
BR112017000540 A2	20180626	BR20171100540	20150717
CA2955775 AA	20170119	CA20152955775	20150717
CL2017000140 A1	20170825	CL20170000140	20170118
CN106687170 A	20170517	CN201580039527	20150717
CO20170000053 A2	20170331	CO20170000053	20170104
CR20170007 A	20170306	CR20170000007	20150717
DOP2017000017 A	20170315	DO20170000017	20170118
EP3171925 A1	20170531	EP20150738657	20150717
HK1237687 A1	20180420	HK20170111817	20171115
IL250157 A0	20170330	IL20150250157	20150717
IN201617043329 A	20170331	IN201617043329	20161219
JP2017522163 T2	20170810	JP20170524099T	20150717
KR20170037947 A	20170405	KR20177001519	20150717
MX2017000823 A1	20170501	MX20170000823	20150717
PH2017500134 A	20170529	PH20170500134	20170120
RU2017105759 A	20180822	RU20170105759	20150717
RU2017105759 A3	20190131	RU20170105759	20150717
SV2017005358 A	20170302	SV20170005358	20170117
TH172390 A	20180118	TH20171000237	20150717
TW201620482 A	20160616	TW20150123363	20150720
US2017197069 AA	20170713	US20150320946	20150717
UY36193 A1	20160229	UY20150036193	20150626
WO16012355 A1	20160128	WO2015EP66376	20150717

Priority:

EP20140177936 20140722 RU20170105759 20150717 WO2015EP66376 20150717
 RU20170105759 20157117

Probable Assignee: BAYER AG**Assignee(s):** (std): BAYER AG ; BAYER ANIMAL HEALTH GMBH**Assignee(s):** HABIG JORG ; HINXLAG WILFRIED**Inventor(s):** (std): HABIG JA RG ; HABIG JOERG ; HINXLAG WILFRIED ; JOERG HABIG ; HABIG JORG ; JRG HABIG ; WILFRIED HINXLAG**Agent(s):** DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; ESTUDIO CLARKE MODET AND CO CHILE LIMITADA; CAROLINA MERCEDES DAZA MONTALVO; BIP PATENTS; CHINA PATENT AGENT HK LTD

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

5) Family number: 41778394 (EP1918214B1)

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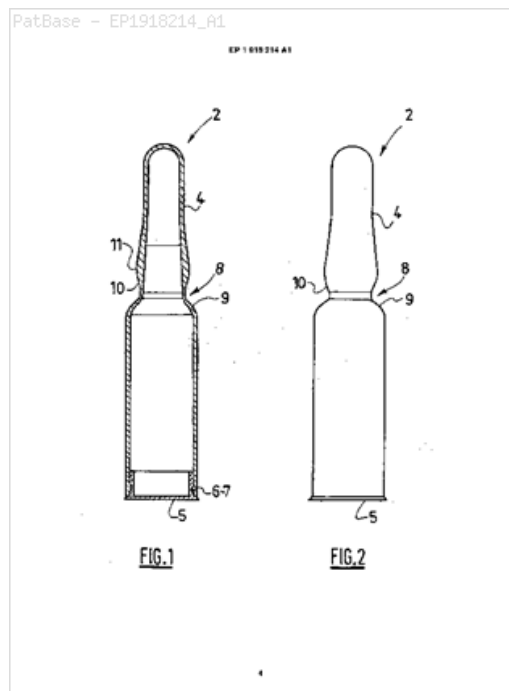
Title: Phial comprising a hollow body and a head with the possibility of breakage between the body and the head

Abstract: The phial (2) has a hollow body and a head (4) of diameter lesser than diameter of the body with possibility of rupture between the body and the head. The body and the head are constituted by a single part made of synthetic material made by injection. The body is opened from a side opposite to the head. A cap (5) is provided to close an opening after filling the phial. A connection zone connects the body and the head, and presents a restraint (8) at the level of which material thickness is reduced.

Classifications:**International (IPC 8-9):** A61J1/06 B65D1/09 (Advanced/Invention);

A61J1/06 B65D1/09 (Core/Invention)

CPC: B65D1/09 A61J1/065**European:** A61J1/06C B65D1/09

**Family:**

Publication number	Publication date	Application number	Application date
DE602007027111 D1	20130131	DE200760027111T	20071023
EP1918214 A1	20080507	EP20070356151	20071023
EP1918214 B1	20121205	EP20070356151	20071023
ES2400812 T3	20130412	ES20070356151T	20071023
FR2908110 A1	20080509	FR20060009620	20061103
FR2908110 B1	20110520	FR20060009620	20061103

Priority:

FR20060009620 20061103 EP20070356151 20071023

Probable Assignee: SERIPLAST SOC PAR ACTIONS SIMP**Assignee(s):** (std): SERIPLAST ; SERIPLAST SOC PAR ACTIONS SIMP**Assignee(s):** SERIPLAST SOCIETE PAR ACTIONS SIMPLIFIEE**Inventor(s):** (std): TARTAGLIONE AMAUD ; TARTAGLIONE ARNAUD**Inventor(s):** ARNAUD TARTAGLIONE**Agent(s):** PATENTANWALTE MAGENBAUER AND KOLLEGEN PARTNERSCHAFT MBB; MAUREAU PHILIPPE ET AL; MAUREAU PHILIPPE; CURELL MIREIA; CABINET GERMAIN ET MAUREAU**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 MK MT NL PL PT RO RS SE SI SK TR**6) Family number: 3487565 (WO9200224A1)**

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Title: DISPOSABLE CONTAINER FOR SINGLE DOSAGE APPLICATIONS**Abstract:** A thermoplastic, disposable container for single dosage applications having a body portion (1) and two end walls (3, 4) with closure means covering an outlet in one of said walls, wherein the closure means comprises a break-off, hollow extension (2) of the container, thereby allowing the container to be opened with one hand.**Classifications:****International (IPC 8-9):** B29C45/00 B29C65/02 B29D22/00 B65D1/02

B65D17/28 B65D35/02 B65D35/08 B65D35/44 (Advanced/Invention);

B29D22/00 B65D17/28 B65D35/02 (Advanced/Non-invention);

B29C45/00 B29C65/02 B29D22/00 B65D1/02 B65D17/28 B65D35/00

B65D35/02 (Core/Invention)

International (IPC 1-7): B29C45/00 B29D22/00 B65D17/28 B65D17/40

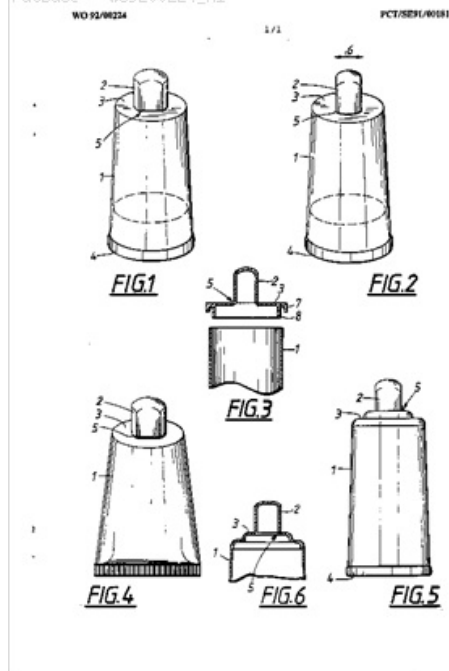
B65D35/02 B65D35/44

CPC: B29C66/5432 B29C45/0081 B29C65/02 B29L2023/20 B65D1/0238

B65D17/06 B65D35/08 B29C66/8322 B29C66/12441

European: B29C45/00K B29C65/02 B29C66/534 B65D1/02D1A

B65D17/06 B65D35/08 L29L23/20

**Family:**

Publication number	Publication date	Application number	Application date
AU199177506 A1	19920123	AU19910077506	19910311
DE69104202 D1	19941027	DE19916004202	19910311
DE69104202 T2	19950302	DE19916004202T	19910311
EP0536143 A1	19930414	EP19910908433	19910311
EP0536143 B1	19940921	EP19910908433	19910311
EP0536143 B2	19971203	EP19910908433	19910311
ES2063506 T3	19950101	ES19910908433T	19910311
ES2063506 T5	19980616	ES19910908433T	19910311
JP5508138 T2	19931118	JP19910507955T	19910311
SE9002310 A0	19900702	SE19900002310	19900702
WO9200224 A1	19920109	WO1991SE00181	19910311

Priority:

SE19900002310 19900702 WO1991SE00181 19910311

Probable Assignee: NORDEN PACKAGING MACH**Assignee(s):** (std): NORDEN PAC DEV AB ; NORDEN PACKAGING MACH**Assignee(s):** NORDEN PACKAGING MACHINERY AB ; NORDEN PAC DEVELOPMENT AB ; NORDEN PAC DEVELOPMENT AB KALMAR SE**Inventor(s):** (std): LINNER HANS ; LINN R HANS**Inventor(s):** HANS LINNER ; LINNER HANS S 392 43 KALMAR SE**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 LK LU MC MG ML MR MW NL NO PL RO SD SE SN SU TD TG US**7) Family number: 5072597 (US3949871A)**

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Title: PACKAGE TUBE**Abstract:** The package tube according to the invention is characterized in that its closing means has at least one portion having a larger dimension than the hole in a spreading sponge or the like thrust on the tube neck.**Classifications:****International (IPC 8-9):** B65D1/09 B65D35/02 B65D35/36 B65D35/44

B65D75/52 (Advanced/Invention);

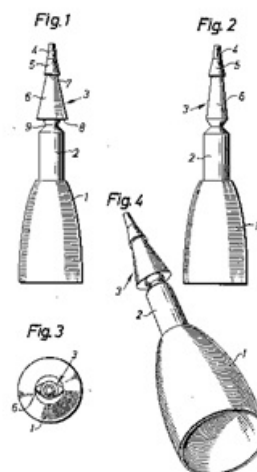
B65D1/09 B65D35/00 B65D35/02 B65D35/24 B65D75/52 (Core/Invention)

International (IPC 1-7): A01N25/00 A01N25/04 A01N25/22 A61J1/00

A61L2/18 A61M35/00 B05C1/00 B43K8/00 B43K9/00 B65D35/36

B65D35/44 B65D47/42 B65D75/06

CPC: B65D1/095 B65D35/02 B65D35/36 B65D35/44**European:** B65D1/09D B65D35/02 B65D35/36 B65D35/44**US:** 206/229 215/373 215/383 215/391 215/47 222/107 401/202

**Family:**

Publication number	Publication date	Application number	Application date
CH588390 A	19770531	CH19750000152	19750108
DE2500640 A1	19750717	DE19752500640	19750109
DK675274 A	19750908	DK19740006752	19741220
FR2257500 A1	19750808	FR19750000492	19750109
GB1469010 A	19770330	GB19740056008	19741230
JP50117600 A2	19750913	JP19750005513	19750110
NL7416961 A	19750714	NL19740016961	19741227
SE380498 B	19751110	SE19740000286	19740110
SE380498 C	19760219	SE19740000286	19740110
SE7400286 A	19750711	SE19740000286D	19740110
US3949871 A	19760413	US19750539243	19750107

Priority:

SE19740000286 19740110

Probable Assignee: AKERLUND AND RAUSING AB**Assignee(s):** (std): AAKERLUND AND RAUSING AB ; KEMIRA KEMWOOD AB ; AKERLUND AND RAUSING AB**Assignee(s):** AKERLUND RAUSING AB ; AKERLUND ET RAUSING AB SW ; AB AAKERLUND AND RAUSING ; AB AKERLUND AND RAUSING ; AKERLUND AB AND RAUSING ; A B AKERLUND AND RAUSING TE LUND ZWEDEN**Inventor(s):** (std): CHRISTENSEN T A ; SANDSTROEM CARL ERIK ; SANDSTROM C E ; WENDEL P O ; WENDEL OVE ; WENDEL O ; SANDSTROM CARL ERIK ; CHRISTENSEN TOM ; CHRISTENSEN T**8) Family number: 11589597 (US5908124A)**

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Title: One piece blow molded plastic squeeze tube with an integral twist off closure

Abstract: A plastic tube with an integral finish and a twist off tab are blow molded. The twist off tab is connected to the finish of the tube by an annular groove forming a line of weakness. The tab is formed by the closing of mold halves about an extruded parison to form a flat twist off tab connected by a thin membrane to the exterior of the finish. The tab is then blow molded to form the tube. After the mold halves are opened, the twist-off tab is trimmed to provide the finished tube. The tab is formed by a conventional blow molding process without the need of a secondary operation. A plurality of blow molded corrugations are provided between annular blow molded ribs on the finish and provide added strength to the finish to facilitate removal of the tab.

Classifications:**International (IPC 8-9):** B65D1/02 (Advanced/Invention);

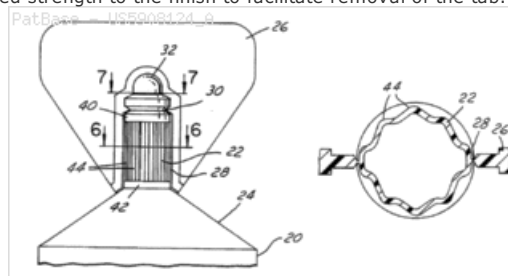
A61J1/06 (Advanced/Non-invention);

B65D1/02 (Core/Invention);

A61J1/06 (Core/Non-invention)

International (IPC 1-7): A61J1/06 B65D1/02**CPC:** A61J1/067 B65D1/0238**European:** B65D1/02D1A K61J1/06D**US:** 215/42 215/48 222/107 222/541.9 264/516 264/523

PatBase - US5908124_A



Family:

Publication number	Publication date	Application number	Application date
US5908124 A	19990601	US19970963074	19971103

Priority:

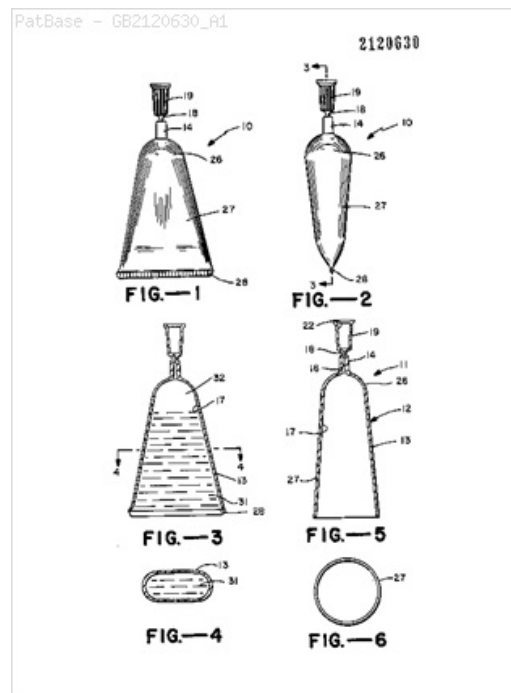
US19970963074 19971103

Probable Assignee: GRAHAM PACKAGING PLASTIC PRODUCTS INC**Assignee(s):** (std): OWENS BROCKWAY PLASTIC PROD**Assignee(s):** OWENS BROCKWAY PLASTIC PRODUCTS INC ; DEUTSCHE BANK AG ; DEUTSCHE BANK CAYMAN ISLANDS BRANCH AG ; DEUTSCHE BANK CAYMAN ISLANDS BRANCH SECOND LIEN CO ; GRAHAM PACKAGING CO ; GRAHAM PACKAGING CO LP ; GRAHAM PACKAGING PLASTIC PRODUCTS INC**Inventor(s):** (std): KLAUKE CHRISTIAN W ; MYERS ROLF C ; RIOS LUZ**9) Family number: 3215725 (GB2120630A)**

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Title: Squeezable liquid-dispensing containers

Abstract: A container for dispensing liquids and semi-liquids comprises a body 12 formed of a pliable plastics material enclosing a volume, a neck 14 being formed integrally with the body, and a frangible seal 18 being carried by the neck and formed integrally with it for closing a passageway 16 in the neck 14. A portion 26 of the body adjacent the neck is substantially hemi-spherical, a portion of the body most remote from the neck being flattened on itself and sealed after filling to close the volume and to provide a flattened end portion, the body being so formed that when filled and sealed, in front elevation it has a conformation which commences from the neck as a hemi-sphere and becomes progressively wider and flatter in a direction toward the flattened end portion and in side elevational view has a conformation which commences from the neck as a hemi-sphere and becomes progressively narrower to the flattened end portion. Before filling and sealing, the body has a frusto-conical portion 27 extending from the hemi-spherical portion 26.

Classifications:**International (IPC 8-9):** B65D1/02 (Advanced/Invention); B65D1/02 (Core/Invention)**International (IPC 1-7):** A61F9/00 A61J1/00 A61J1/06 A61M35/00 A61M5/14 A61M5/28 B65D35/08 B65D37/00 B65D47/20**CPC:** B65D1/0238**European:** B65D1/02D1A**Family:**

Publication number	Publication date	Application number	Application date
DE3317955 A1	19831124	DE19833317955	19830517
FR2527174 A1	19831125	FR19830008373	19830520
GB2120630 A1	19831207	GB19830013308	19830513
GB8313308 A0	19830622	GB19830013308	19830513

Priority:

US19820380901 19820521

Probable Assignee: DEY LAB INC**Assignee(s):** (std): DEY LAB INC**Assignee(s):** DEY LABORATORIES INC**Inventor(s):** (std): BAUWENS JOSEPH A ; WEINER DAVID B**Inventor(s):** JOSEPH A BAUWENS ET DAVID B WEINER ; B WEINER DAVID ; A BAUWENS JOSEPH ; DAVID B WEINER ; JOSEPH A BAUWENS

Title: INJECTABLE WICKING COMPOSITION FOR MARKING INSTRUMENTS

Abstract: An injectable ink composition for use in marking instruments, in which cotton linters fibers are included as a wicking component, to thereby produce a material which can be used in marking instrument reservoirs, of whatever shape; the cotton linters fibers are dispersed in the ink containing composition and are present in an amount ranging from 5 to 95 percent by weight of the injectable ink containing composition.

Classifications:

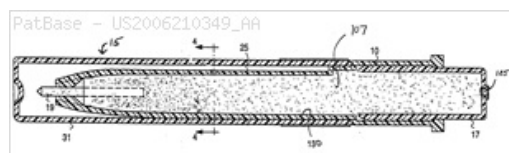
International (IPC 8-9): C09D11/00 (Advanced/Invention);

C09D11/00 (Core/Invention)

CPC: C09D11/16

European: C09D11/16

US: 106/31.27 106/31.33 106/31.6 106/31.65 401/198

**Family:**

Publication number	Publication date	Application number	Application date
US2006210349 AA	20060921	US20060361363	20060224

Priority:

US20050655415P 20050224 US20060361363 20060224

Probable Assignee: PERMAWICK CO

Assignee(s): (std): PERMAWICK CO ; PERMAWICK COMPANY

Inventor(s): (std): LANE JAMES ; LANE JOHN

Agent(s): VENABLE LLP

Title: ADHESIVE SPREADER ASSEMBLY

Abstract: This invention relates to a spreader assembly for an adhesive container having an elongated dispenser neck comprising a holder containing a porous spreader adapted to adjustably, axially engage the elongated dispenser neck whereby the position of the holder containing said spreader can be adjusted relative to the dispenser neck.

Classifications:

International (IPC 8-9): B65D35/36 B65D47/42 (Advanced/Invention);

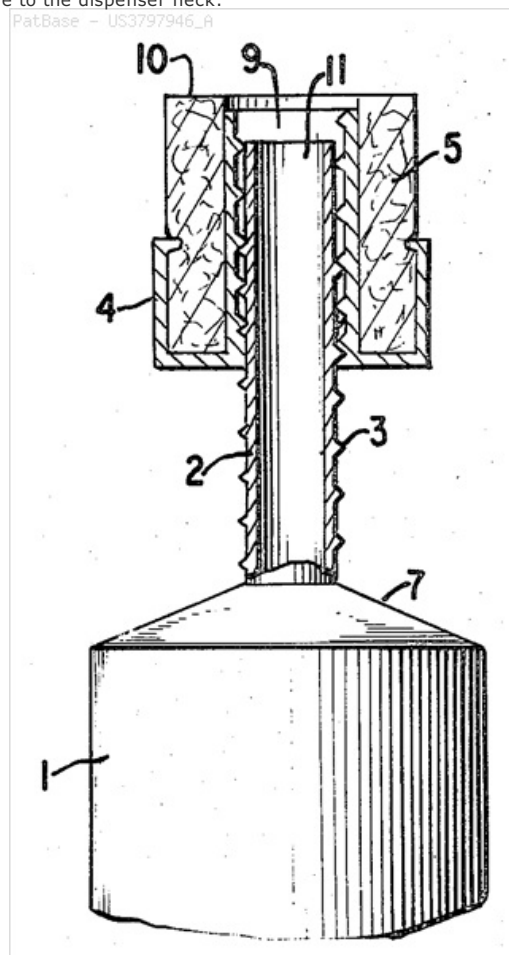
B65D35/24 B65D47/00 (Core/Invention)

International (IPC 1-7): B05C1/00 B05C1/06 B43K8/00 B43M11/00 B43M11/04 B43M11/06 B65D35/36 B65D39/00 B65D47/00 B65D51/32 C09J

CPC: B65D35/36 B65D47/42

European: B65D35/36 B65D47/42

US: 401/116 401/117 401/196 401/262 401/266

**Family:**

Publication number	Publication date	Application number	Application date
AT304301 B	19721227	AT19710005280	19710618
AT311214 B	19731112	AT19720003587	19710618

BE768550 A	19711215	BE19710768550	19710615
BR7103799 A0	19730206	BR19710003799	19710618
CH529673 A	19721031	CH19710008936	19710618
DE2030196 A1	19711223	DE19702030196	19700619
DK124311 B	19721009	DK19710002397	19710518
ES170097 U	19711101	ES19710170097U	19710619
ES170097 Y	19720616	ES19710170097U	19710619
FR2095356 A1	19720211	FR19710022183	19710618
GB1343181 A	19740110	GB19710017737	19710528
NL7106817 A	19711221	NL19710006817	19710518
SE356716 B	19730604	SE19710006485	19710518
US3797946 A	19740319	US19710154270	19710618
ZA7103970 A	19720223	ZA19710003970	19710618

Priority:

DE19702030196 19700519 DE19702030196 19700619

Probable Assignee: HENKEL AND CIE GMBH

Assignee(s): (std): HENKEL AND CIE G M B H ; HENKEL AND CIE G M B H HENKELSTRASSE 67 DUSSELD ; HENKEL AND CIE GMBH ; HENKEL AND CIE GMBH DT

Assignee(s): HENKEL CIE GMBH ; HENKEL ET CO GMBH ; HENKEL AND CIE G M B H HENKELSTRASSE 67 DUSSELD ; HENKEL AND CIE G M B H HENKELSTRASSE 67 DUSSELDORF ALLEMAGNE

Inventor(s): (std): WITZMANN H ; WITZMANN HANS KLAUS DIPL CHEM ; WITZMANN H DT ; KRAUS G DT ; KLAUS G ; GABRIELLA KRAUS ; KRAUS G

Inventor(s): KRAUS GABRIELLA ; HANS KLAUS WITZMANN

12) Family number: 50541850 (US2013098864A)

© PatBase

Title: RE-CLOSABLE CONTAINER FOR FLUID PRODUCTS, PARTICULARLY FOR MEDICAL, PHARMACEUTICAL AND COSMETIC PRODUCTS

Abstract: The re-closable container (1) for fluid products, particularly for medical, pharmaceutical and cosmetic products, includes: a hollow body (2) for containing a fluid product, which extends to a neck (4) having at least a dispensing mouth (5) for the product, and closing elements (7) for closing the dispensing mouth (5), which include: a flat-plane gripping member (8), from which a shutter pin (9) of the dispensing mouth (5) extends substantially coplanar, an annular collar (12), which is associated with the flat-plane gripping member (8) along at least a pre-established breaking area (13) and which is rigidly associable with the neck (4), and a resting base (17) suitable for allowing the flat-plane gripping member (8) to rest on a supporting surface (18) in a resting configuration in which the shutter pin (9) remains lifted with respect to the supporting surface (18).

Classifications:

International (IPC 8-9): A61J1/00 A61J1/05 A61J1/14 A61J1/18 B65D1/02 B65D1/04 B65D1/09 B65D39/16 B65D41/32 B65D47/36 B65D55/02 (Advanced/Invention);

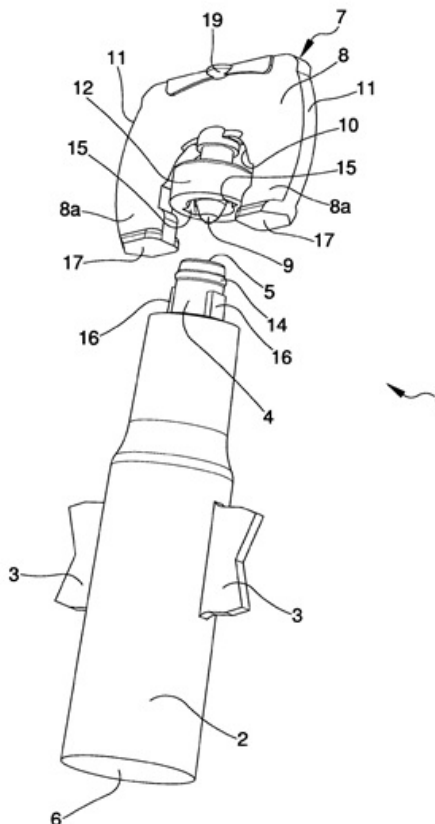
A61J1/06 (Advanced/Non-invention)

CPC: B65D47/36 A61J1/067 A61J1/18 B65D1/0238 B65D1/0246 B65D1/095 Y10S206/802 A61J1/1431 A61J1/1425

European: A61J1/06D A61J1/14C A61J1/18 B65D1/02D1A B65D1/02D1B B65D1/09D K61J1/14C2 K61J1/14C4

US: 206/530 206/532 206/802 215/250 215/253 215/47 215/48 215/49 215/50 215/51 220/265 220/266 222/129 222/541.1 222/541.6 222/94

PatBase - US2013098864_AA



Family:

Publication number	Publication date	Application number	Application date
■ CN102958810 A	20130306	CN201180030617	20110704
■ CN102958810 B	20150422	CN201180030617	20110704
■ DE602011005112 D1	20140410	DE201160005112T	20110704
■ EP2598403 A1	20130605	EP20110746314	20110704
■ EP2598403 B1	20140226	EP20110746314	20110704
■ ES2465590 T3	20140606	ES20110746314T	20110704
■ IT1401173 B1	20130712	IT2010M000213	20100726
■ ITMO20100213 A1	20120127	IT2010M000213	20100726
■ JP2013537502 T2	20131003	JP20130521235T	20110704
■ JP5999514 B2	20160928	JP20130521235T	20110704
■ US2013098864 AA	20130425	US20110701545	20110704
■ US8833576 BB	20140916	US20110701545	20110704
■ WO12014028 A1	20120202	WO20111B01556	20110704

Priority:

IT2010M000213 20100726 EP20110746314 20110704 WO20111B01556 20110704

Probable Assignee: LAMEPLAST SPA

Assignee(s): (std): FONTANA ANTONIO ; LAMEPLAST SPA

Assignee(s): LAMEPLAST NOVI DI MODENA SPA ; LAMEPLAST S P A

Inventor(s): (std): FONTANA ANTONIO

Agent(s): BRUNACCI AND PARTNERS SRL; BRUNACCI MARCO; YOUNG AND THOMPSON

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

13) Family number: 3070855 (US5006004A)

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Title: Topical applicator for liquid

Abstract: A dispenser for the topical application of a liquid product. In a preferred embodiment of the present invention, the dispenser comprises a compressible reservoir, a feed tube, a smooth, substantially non-porous applicator tip, and a tip cover. Compression of the reservoir causes liquid product to flow onto the exposed surface of the applicator tip and form an encapsulating sheet of the liquid product. The liquid product may then be transferred from the applicator tip to the surface to be treated by contacting the surface with the liquid product coated applicator tip.

Classifications:

International (ipc 8-9): A45D19/02 A45D34/04 A47L13/30 A61M35/00 B05C17/00 B05C17/005 (Advanced/Invention); B05C17/005 (Advanced/Non-invention); A45D19/00 A45D34/04 A61M35/00 B05C17/00 B05C17/005 (Core/Invention)

International (ipc 1-7): A45D19/02 A45D34/04 A47L13/30 A61F13/40 A61M35/00 B05C1/06 B05C17/005 B05C17/10 B43K5/00 B43M11/06 B65D83/00

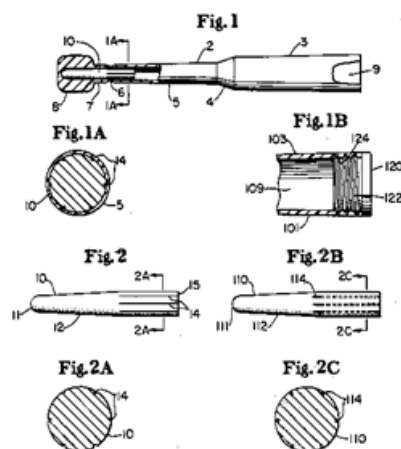
CPC: A45D19/02 A45D34/04 A61M35/003

European: A45D19/02 A45D34/04 A61M35/00B

US: 401/261 401/262 401/265 604/310

PatBase - US5006004_A

U.S. Patent Apr. 9, 1991 Sheet 1 of 3 5,006,004



Family:

Publication number	Publication date	Application number	Application date
■ AU198825852 A1	19890525	AU19880025852	19881124
■ AU626814 B2	19920813	AU19880025852	19881124
■ CA1309381 A1	19921027	CA19880583876	19881124
■ EP0320131 A1	19890614	EP19880310860	19881117
■ JP2098369 A2	19900410	JP19880297985	19881125

MX170239 B	19930812	MX19880013950	19881125
NZ227066 A	19911025	NZ19880227066	19881124
PH26847 A	19921105	PH19880037843	19881122
US5006004 A	19910409	US19870125291	19871125

Priority:

US19870125291 19871125 CA19880583876 19881124

Probable Assignee: PROCTER AND GAMBLE CO

Assignee(s): (std): PROCTER AND GAMBLE ; DIRKSING ROBERT S

Assignee(s): MERZ THEODORE P ; PROCTER AND GAMBLE CO ; PROCTER AND GAMBLE CO THE ; THE PROCTER AND GAMBLE CO ; THE PROCTER AND GAMBLE COMPANY ; THE PROCTER AND GAMBLE COMPANY

Inventor(s): (std): DIRKSING ROBERT STANLEY ; MERZ THEODORE PAUL ; SHIODA POORU MAZU ; ROBAATO SUTANRII DAAKUSHINGU ; MERZ THEODORE P ; MERZ THEODORE F ; DIRKSING ROBERT S

Inventor(s): ROBERT STANLEY DIRKSING ; THEODORE PAUL MERZ

Agent(s): WATERMARK PATENT AND TRADE MARKS ATTORNEYS; WATERMARK INTELLECTUAL PROPERTY PTY LTD; GOWLING LAFLEUR HENDERSON LLP

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

14) Family number: 22382872 (US2718973A)

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Title: PORTABLE REFRIGERATING CONTAINER

Abstract: (Claim 1) claim, but what we claim is: A stopper of resilient material for the mouth of a receptacle, a relatively small aperture centrally cated in and passing through the stopper, said aperture being enlarged at that side of the stopper adapted to face the interior of the receptacle, the exposed side of the stopper presenting the small aperture only, a relatively small shouldered container partially located in the enlarged portion of the stopper aperture, a reduced neck on the container resiliently gripped by the stopper material at the edges of the small aperture at the exposed side of the stopper, said container being exposed for use at the exposed side of the stopper and depending therefrom down into the receptacle.

Classifications:

International (IPC 8-9): A47J41/00 F25D3/08

F25D31/00 (Advanced/Invention);

A47J41/00 F25D3/00 F25D31/00 (Core/Invention)

International (IPC 1-7): A47J41/00

CPC: A47J41/0005 A47J41/0038 A47J41/0088 A47J2043/0738 F25D3/08

F25D31/007 F25D2303/081 F25D2303/0841 F25D2303/0843

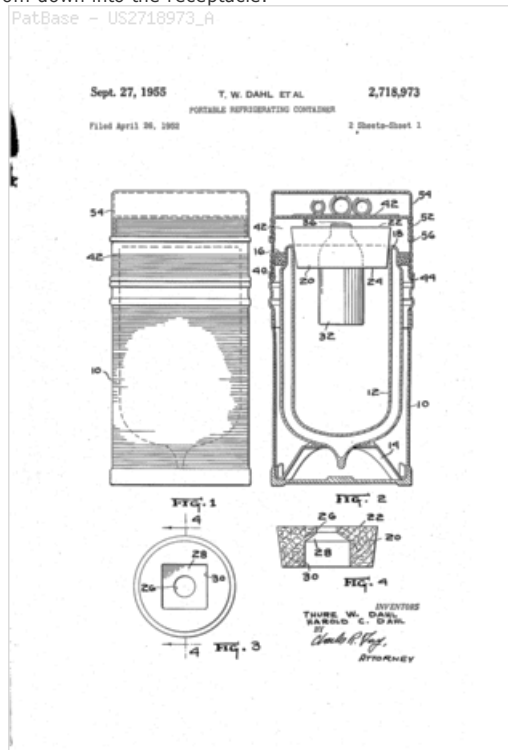
F25D2303/0845 F25D2331/803

European: A47J41/00L2 F25D3/08 F25D31/00H2 K47J41/00C

K47J41/00E K47J43/07H R25D303/081 R25D303/0841 R25D303/0843

R25D303/0845 R25D331/803

US: 215/12.1 215/227 215/247 215/364 215/6 220/521 62/371



Family:

Publication number	Publication date	Application number	Application date
US2718973 A	19550927	US19520284532	19520426

Priority:

US19520284532 19520426

Probable Assignee: DAHL HAROLD C

Assignee(s): (std): DAHL HAROLD C ; DAHL THURE W

Inventor(s): (std): DAHL THURE W ; DAHL HAROLD C

15) Family number: 4885878 (US5076452A)

© PatBase

Title: Plastic receptacle

Abstract: A plastic beverage container is formed from a tubular blank and has a lower portion formed in a bottle-like shape and an upper portion which includes a gradually diametrically reduced bellows tube. The upper portion further comprises a mouth tube with a smaller diameter than the bellows tube with the upper portion of the mouth tube forming a small tube with a smaller diameter than the mouth tube. The upper portion of the small tube forms a fine tube with a smaller diameter than the small tube with a thin walled junction formed between the small tube and the mouth tube. The small tube is provided with a pair of outwardly extending twist vanes to permit the tube to be broken at the thin walled junction for consumption of the beverage.

Classifications:

International (IPC 8-9): B65D1/02 B65D17/40 (Advanced/Invention);
B65D1/02 B65D17/28 (Core/Invention)

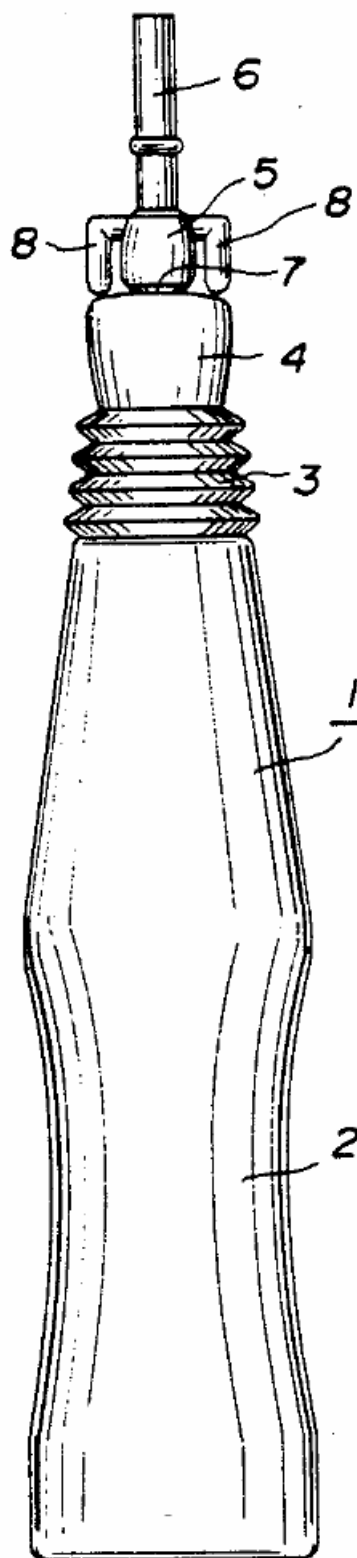
International (IPC 1-7): B65D25/46

CPC: B65D1/0238

European: B65D1/02D1A

US: 215/1A 215/1C 215/32 215/388 215/48 222/572 229/103.1

PatBase - US5076452_R



Family:

Publication number	Publication date	Application number	Application date
US5076452 A	19911231	US19900517173	19900501

Priority:

US19900517173 19900501

Probable Assignee: NIKKO SEIKA KK
Assignee(s): (std): TOKYO GLASS SEIKI KABUSHIKI KA ; TOKYO GLASS SEIKI KK
Assignee(s): NIKKO SEIKA KK ; TOKYO GLASS SEIKI KABUSHIKI KAISHA
Inventor(s): (std): HASHIMOTO KENTARO

16) Family number: 1116900 (US3858739A)

© PatBase

Title: BREAKAWAY NECK CONTAINER WITH INTEGRAL CAP

Abstract: A container having a breakaway neck with an integral cap comprising frusto-conical end portions one of which is adjacent the end of the container prior to cap breakaway thereby to prevent the user's fingers from engaging the said end of the container from which the cap is being broken away, and the other frusto-conical end closing said end of the container when said cap is inverted.

Classifications:

International (IPC 8-9): B65D1/08 B65D1/09 (Advanced/Invention);

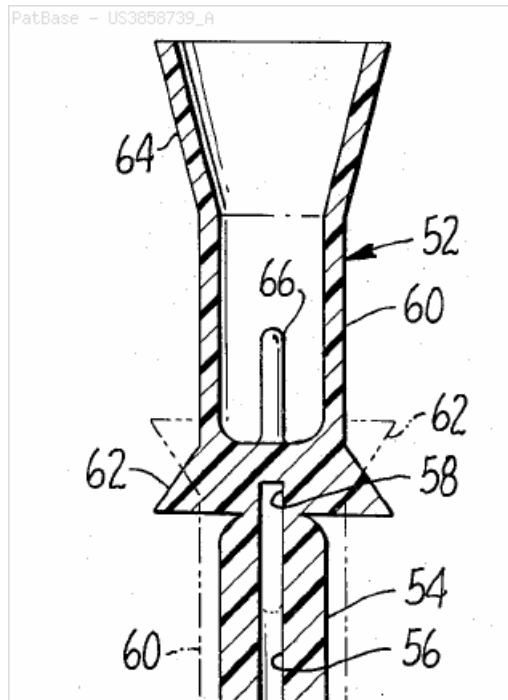
B65D1/08 B65D1/09 (Core/Invention)

International (IPC 1-7): B65D1/08 B65D17/24 B65D47/36

CPC: B65D1/08 B65D1/095

European: B65D1/08 B65D1/09D

US: 215/32 215/47 220/266 222/541.5



Family:

Publication number	Publication date	Application number	Application date
US3858739 A	19750107	US19730338379	19730305

Priority:

US19730338379 19730305

Probable Assignee: BARNES HIND DIAGNOSTICS INC
Assignee(s): (std): BARNES HIND DIAGNOSTICS INC
Assignee(s): CP PACKAGING INC
Inventor(s): (std): TURNER LLOYD S ; VAUGHAN DANIEL G

17) Family number: 4222906 (EP0350772A1)

© PatBase

Title: AMPOULE MADE OF A SYNTHETIC MATERIAL.

Abstract: In an ampoule (1) made of a synthetic material and with a moulded-on ampoule head (5) which can be separated from the ampoule body (2) without any tool, a cutting is made which provides the transition from the ampoule body (2) to the ampoule head (5) and which is in the form of a throat (4) tapering radially inwards in wedge formation. The base of this throat (4) forms the separation point. The reduced wall thickness is limited to the annular zone forming the separation point.

Classifications:

International (IPC 8-9): A61J1/06 B65D1/02 B65D17/28

B65D17/40 (Advanced/Invention);

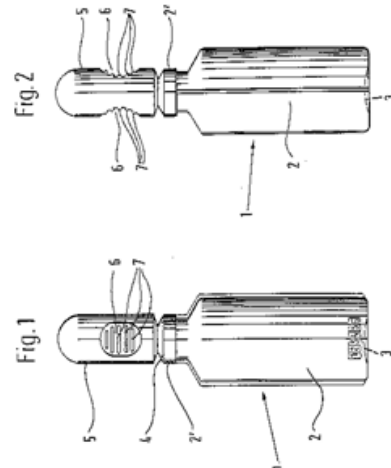
A61J1/06 B65D1/02 B65D17/28 (Core/Invention)

International (IPC 1-7): A61J1/06 B65D1/00 B65D1/02 B65D1/09

B65D17/28

CPC: A61J1/067

European: A61J1/06D



P 7139

Family:

Publication number	Publication date	Application number	Application date
DE3823428 A1	19900118	DE19883823428	19880711
DE3823428 C2	19901122	DE19883823428	19880711
EP0350772 A1	19900117	EP19890112236	19890705
JP2065863 A2	19900306	JP19890180110	19890711
JP2825533 B2	19981118	JP19890180110	19890711

Priority:

DE19883823428 19880711

Probable Assignee: HANSEN BERND**Assignee(s):** (std): HANSEN BERND**Assignee(s):** HANSEN BERND DIPL ING ; HANSEN BERND DIPL ING 7166 SULZBACH LAUFEN DE ; BERUNTO HANZEN**Inventor(s):** (std): BERUNTO HANZEN ; HANSEN BERND DIPL ING**Inventor(s):** HANSEN BERND DIPL ING 7166 SULZBACH LAUFEN DE**Designated states:** DE FR GB IT**18) Family number: 11595938 (US5909978A)**

© PatBase

Title: Marker pen

Abstract: In a marking pen, the body of the marking pen containing the cartridge is made air tight except for the opening on the distal end to receive the marker nib and a vent hole. The walls of the pen body are made flexible and the vent hole is provided through the flexible walls near the distal end so that the cavity containing the cartridge can be pressurized by squeezing the body between the thumb and index finger, with the index finger covering the vent hole. The pressuring of the cartridge cavity applies hydraulic pressure to the nib to flush the nib with ink or unclog it.

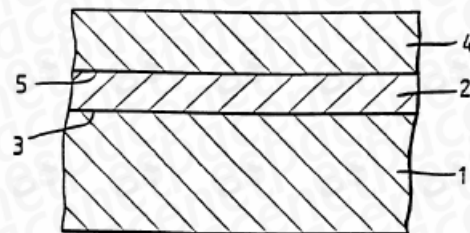
Classifications:**International (IPC 8-9):** B43K5/04 B43K5/18

B43K8/06 (Advanced/Invention);

B43K5/00 B43K8/00 (Core/Invention)

International (IPC 1-7): B43K8/02 B43K8/04**CPC:** B43K5/04 B43K5/189 B43K8/06**European:** B43K5/04 B43K5/18V2 B43K8/06**US:** 401/183 401/184 401/188A 401/188R 401/199

PatBase - US5909978_A

Fig.1.**Family:**

Publication number	Publication date	Application number	Application date
US5909978 A	19990608	US19930151891	19931115

Priority:

FR19900005803 19900510 CA19912040360 19910412 JP19910199772 19910510

Probable Assignee: LOREAL SA

Assignee(s): (std): OREAL ; LOREAL SA

Assignee(s): LOREAL ; DE LAFORCADE VINCENT ; L OREAL ; L OREAL PARIS FR ; L OREAL SA

Inventor(s): (std): BUANSAN DOU RAFUORUKAADO ; DE LAFORCADE VINCENT ; VINCENT DE LAFORCADE

Inventor(s): DE LAFORCADE VINCENT F 92140 CLAMART FR

Agent(s): ROBIC

Designated states: BE DE ES FR GB IT