

Search query (8): [SP]: tube with application tip 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.

Results: 9

Search history

Search FT=(TUBE~ AND APPLICATION~) (Results 1000000)

1:

Search AP=(WO2016012355) (Results 0)

2:

Search AP=(WO2016012355) (Results 0)

3:

Search PN=(WO2016012355) and AP=(WO2016012355) (Results 0)

4:

Search FT=(WO2016012355) (Results 0)

5:

Search FT=(TUBE~ AND WITH~ AND APPLICATION~ AND TIP~) (Results 262642)

6:

Search PN=(WO2016012355) (Results 1)

7:

Search [SP]: tube with application tip 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. (Results 9)

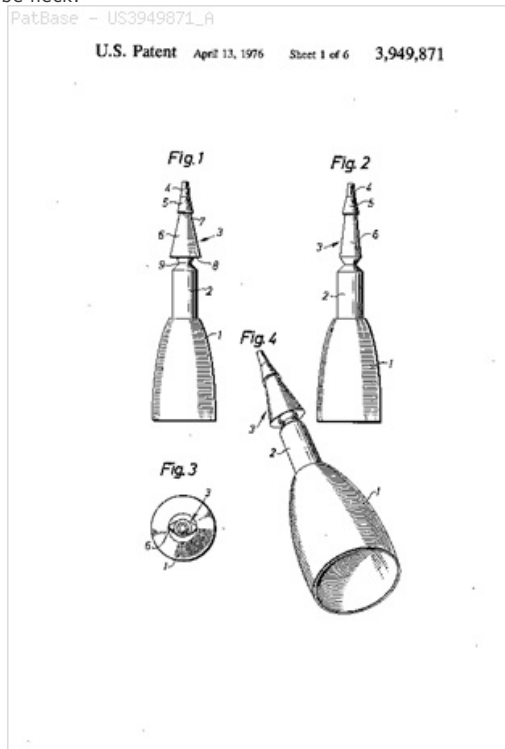
Title: PACKAGE TUBE
Priority: SE19740000286 19740110
Family:

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

Probable Assignee: AKERLUND AND RAUSING AB
Assignee(s):(std): KEMIRA KEMWOOD AB ; AKERLUND AND RAUSING AB ; AAKERLUND AND RAUSING AB
Assignee(s): AB AAKERLUND AND RAUSING ; AB AKERLUND AND RAUSING ; A B AKERLUND AND RAUSING TE LUND ZWEDEN ; AKERLUND RAUSING AB ; AKERLUND ET RAUSING AB SW ; AKERLUND AB AND RAUSING
Inventor(s):(std): CHRISTENSEN TOM ; SANDSTROM CARL ERIK ; WENDEL OVE ; WENDEL P O ; SANDSTROM C E ; CHRISTENSEN T A ; WENDEL O ; SANDSTROEM CARL ERIK ; CHRISTENSEN T
International class (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 class (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 class: B65D1/09D B65D35/02 B65D35/36 B65D35/44
US class: 206/229 215/373 215/383 215/391 215/47 222/107 401/202
[Classification Explorer](#)
Cited documents: US3858739 A, US3797946 A, US3781122 A, US3121906 A, US2718973 A,
Forward Citations: WO9200224, WO16012355, US8833576, US5909978, US5908124, US5180242, US5076452, US5006004, US2013098864, US2006210349, GB2120630, FR2908110, FR2661846, EP1918214, EP0456532, EP0350772, DE29714246,

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.



Title: Topical applicator for liquid
Priority: US19870125291 19871125 CA19880583876 19881124
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

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 PROCTOR AND GAMBLE COMPANY
Inventor(s):(std): DIRKSING ROBERT S ; DIRKSING ROBERT STANLEY ; MERZ THEODORE F ; MERZ THEODORE P ; MERZ THEODORE PAUL ; SHIODOAA POORU MAAZU ; ROBAATO SUTANRII DAAKUSHINGU
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
International class (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 class (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 A45D34/042 A61M35/003
European class: A45D19/02 A45D34/04C A61M35/00B
US class: 401/261 401/262 401/265 604/310

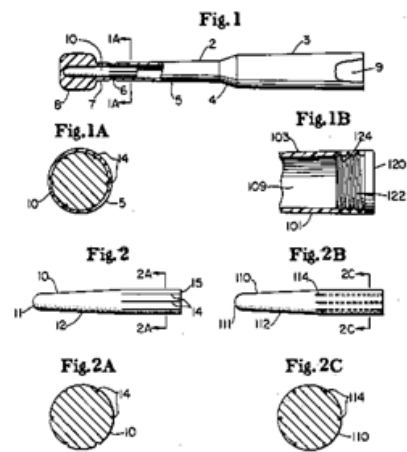
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Cited documents: US945982 A, US817890 A, US753968 A, US566558 A, US4738669 A, US4636203 A, US4602650 A, US4596812 A, US4572689 A, US4413753 A, US4408699 A, US4358028 A, US4218155 A, US4139619 A, US4002182 A, US3994412 A, US3961635 A, US3949871 A, US3777949 A, US3481675 A, US3454196 A, US3271810 A, US3247828 A, US3016173 A, US3015836 A, US2913747 A, US2896237 A, US2849009 A, US2517027 A, US2289998 A, US1824275 A, US1772608 A, US1560061 A, US14115 A, US1340926 A, US1137086 A, NZ130616 A, NZ122792 A, GB2173743 A1, EP0210051 A2, DE2558069 A1, DE1065144 B,

Forward Citations: WO06125442, WO06019750, WO05080093, WO0071198, USD519674, USD432648, USD428142, USD426885, USD426301, US9877709, US9814868, US9775646, US9677358, US9662482, US9642997, US9629990, US9566088, US9550052, US9533326, US9498610, US9486615, US9474886, US9468464, US9309019, US9066711, US9056193, US9016967, US8814836, US8740488, US8602776, US8556529, US8550737, US8348537, US8343116, US8113731, US8062648, US8017645, US7866907, US7866471, US7596974, US7070544, US7070543, US7044137, US7037289, US6883353, US6829913, US6758618, US6705790, US6691712, US6595969, US6592280, US6425704, US6413087, US6357449, US6145513, US5960802, US5419749, US2017197069, US2015211325, US2011082415, US2010316430, US2010198166, US2009269121, US2009263175, US2009192442, US2009177171, US2008293803, US2006247568, US2006205572, US2006099278, US2006039742, US2006035924, US2006021629, US2006021628, US2004253039, US2004177858, US2004168275, US2004094449, US2004035435, US10035007, FR2793694, EP1593351, EP1593351, EP0786215, EP0475426,

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.



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

Priority: US19970963074 19971103

Family:

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

Probable Assignee: GRAHAM PACKAGING PLASTIC PRODUCTS INC

Assignee(s):(std): OWENS BROCKWAY PLASTIC PROD

Assignee(s): OWENS BROCKWAY PLASTIC PRODUCTS INC ; GRAHAM PACKAGING PLASTIC PRODUCTS INC ; GRAHAM PACKAGING CO LP ; DEUTSCHE BANK AG ; DEUTSCHE BANK CAYMAN ISLANDS BRANCH AG ; DEUTSCHE BANK CAYMAN ISLANDS BRANCH SECOND LIEN CO ; GRAHAM PACKAGING CO

Inventor(s):(std): RIOS LUZ ; MYERS ROLF C ; KLAUKE CHRISTIAN W

International class (IPC 8-9): B65D1/02 (Advanced/Invention); A61J1/06 (Advanced/Non-invention); B65D1/02 (Core/Invention); A61J1/06 (Core/Non-invention)

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

CPC: A61J1/067 B65D1/0238

European class: B65D1/02D1A K61J1/06D

US class: 215/42 215/48 222/107 222/541.9 264/516 264/523

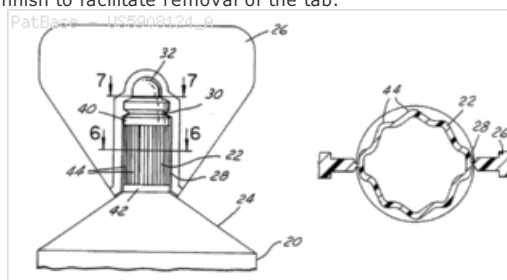
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Cited documents: US5431292 A, US5188250 A, US5076452 A, US5054267 A, US4995519 A, US4979630 A, US4248227 A, US4207990 A, US3993223 A, US3949871 A, US3721360 A, US3356244 A, EP0196288 A2,

Forward Citations: WO13009327, WO07112802, WO07107826, WO07107826, WO07107825, WO07107825, WO06071726, USRE46689, USRE45513, USRE42312, USRE41779, USRE40058, USRE40021, USD813669, USD801809, USD785159, USD777909, USD776267, USD776266, USD764915, USD684259, USD670165, USD660695, USD551760, USD540650, USD538424, USD538158, USD534648, USD532295, USD523324, USD463290, USD458676, US9999757, US9867973, US9637279, US8833576, US8397959, US8348285, US8272522, US8047394, US7939008, US7905305, US7866514, US7810680, US7621543, US7540389, US7513397, US7487894, US7425207, US7372363, US7081105, US7036692, US7032590, US6827227, US6808513, US6673301, US6672468, US6626308, US6543655, US6188859, US2017197069, US2014366485, US2014151375, US2013098864, US2013018329, US2011221260, US2011174665, US2011168656, US2011132928, US2010294773, US2010032432, US2009210825, US2009114684, US2009101672, US2009101650, US2009065528, US2009039083, US2008048406, US2008006456, US2007228073, US2007085026, US2007084557, US2007084556, US2007071924, US2007007227, US2006175279, US2006169664, US2006121223, US2006108385, US2006108374, US2006070999, US2005218027, US2005151381, US2005098582, US2005059932, US2005051574, US2004253040, US2004159680, US2004139968, US2004108342, US2004013326, US2003155356, US2002177811, US09999757, DE10202907,

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.



Title:

DISPENSING CONTAINER

Priority:

US20040996973 20041124 US20040996973 20041124 US20050286244 20051123
WO2005US42575 20051123 WO2005US42575 20051123 WO2005US42575 20051123
WO2005US42575 20051123

Family:	Publication number	Publication date	Application number	Application date
	CN101111432 A	20080123	CN200580047170	20051123
	EP1814797 A2	20070808	EP20050852109	20051123
	EP1814797 A4	20081001	EP20050852109	20051123
	HK1110289 A3	20080711	HK20080101133	20080129
	IN02244CN2007 A	20070907	IN2007CN02244	20070524
	JP2008521713 T2	20080626	JP20070543483T	20051123
	US2006108374 AA	20060525	US20040996973	20041124
	US2006108385 AA	20060525	US20050286244	20051123
	US7487894 BB	20090210	US20050286244	20051123
	US7513397 BB	20090407	US20040996973	20041124
	WO06058138 A2	20060601	WO2005US42575	20051123
	WO06058138 A3	20061109	WO2005US42575	20051123

Probable Assignee:

RITEDOSE CORP

Assignee(s):(std):

ZAHN WALTER ; MILLER SHAWN W ; ROCHELEAU DAVID ; SADEGHI MOHAMMAD R ; HANSEN BERND ; HOLOPACK INT CORP ; HOLOPACK INTERNAT CORP

Assignee(s):

HOLOPACK INTERNATIONAL CORP ; HEALTHCARE FINANCIAL SOLUTIONS LLC ; HOLOPACK INT ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; PNC BANK NATIONAL ASSOCIATION AS AGENT ; RITEDOSE CORP ; MADISON CAPITAL FUNDING LLC AGENT AS ; PNC BANK NATIONAL ASSOCIATION AGENT AS ; MIDCAP FINANCIAL TRUST

Inventor(s):(std):

BERND HANSEN ; DAVID ROCHELEAU ; HANSEN BERND ; MILLER SHAWN W ; ROCHELEAU DAVID ; SADEGHI MOHAMMAD R ; WALTER ZAHN ; ZAHN WALTER

Inventor(s):

SADEGHI MOHAMMED R ; SADEGHI MOHAMMAD ; MILLER SHAWN

Agent(s):

OSAKI KATSUMASA; TSUBOKURA MICHIAKI; KANAYAMA MASATAKA; KAWAGUCHI YOSHIO; ONO MAKOTO; NELSON MULLINS RILEY AND SCARBOROUGH 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 GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LI LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8-9):

A61J1/10 A61J7/00 B29C49/04 B65D1/00 B65D1/02 B65D1/09 B65D1/32 B65D17/40 B65D35/08 B65D35/28 B65D47/10 B65D47/36 B65D77/30 B65D83/00 (Advanced/Invention); A61J1/10 A61J7/00 B29C49/04 B65D1/00 B65D1/02 B65D1/09 B65D17/28 B65D35/02 B65D35/24 B65D47/00 B65D47/06 B65D77/22 B65D83/00 (Core/Invention)

International class (IPC 1-7):

B65D35/28

CPC:

A61J1/067 A61J7/0023 A61J7/0053

European class:

A61J1/06D A61J7/00D10 A61J7/00D2

US class:

222/107 222/212 222/541.5 222/541.9 222/541.900 222/95 604/212 D24/115

[Classification Explorer](#)

Cited documents:

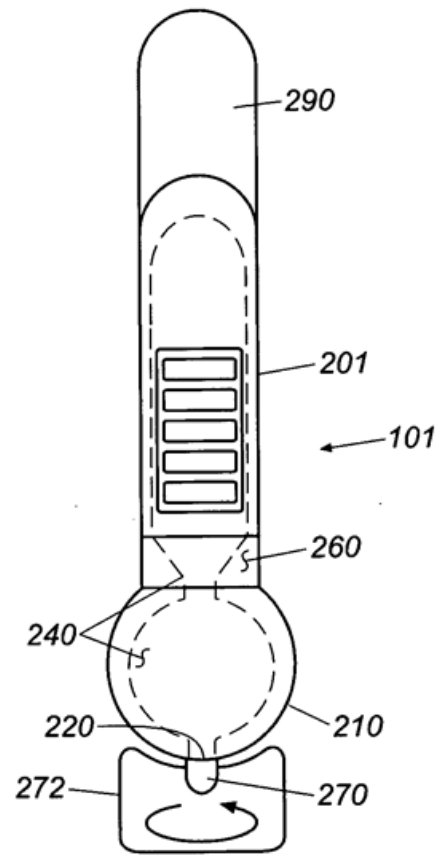
WO0194213 A3, WO0194213 A2, USRE24251 E, USD52688 S1, USD496833 S1, USD492407 S1, USD492406 S1, USD471628 S1, USD458366 S1, USD456507 S1, USD43936 S1, USD417848 S1, USD392184 S1, USD368209 S1, USD34314 S1, USD312209 S1, USD296869 S1, USD282348 S1, USD260178 S1, USD257821 S1, USD249958 S1, USD24528 S1, USD24197 S1, US878524 A, US7032590 BB, US7028862 BB, US6651845 BA, US6626308 BB, US651845, US6457612 BA, US6357626 BA, US6357450 BA, US6347727 BA, US6283320 BA, US6264074 BA, US6241124 BA, US6173852 BA, US6173852 B1, US6113008 A, US5975305 A, US5908124 A, US5902298 A, US5897009 A, US5866061 A, US5817082 A, US5667084 A, US5664705 A, US5556008 A, US5409125 A, US52688 A, US5238157 A, US5158192 A, US5154318 A, US5101991 A, US5088849 A, US5062550 A, US5038974 A, US5038476 A, US5035689 A, US4993568 A, US496833 A, US4966312 A, US4890744 A, US4888188 A, US4880409 A, US4842165 A, US4841637 A, US4830222 A, US4787536 A, US4760937 A, US4657151 A, US4637934 A, US4592493 A, US4562942 A, US4502616 A, US4469250 A, US442696 A, US4413753 A, US4411656 A, US43936 A, US4298045 A, US4248227 A, US4207990 A, US4192360 A, US4182002 A, US4133457 A, US4087002 A, US4020978 A, US3995772 A, US3993223 A, US3946652 A, US3913734 A, US3833154 A, US368209 A, US3473221 A, US34314 A, US3410457 A, US3381857 A, US3356244 A, US3306500 A, US3184121 A, US3133679 A, US3116152 A, US3104032 A, US3090071 A, US3045879 A, US2953170 A, US282348 A, US2795043 A, US2777612 A, US2688243 A, US24528 A, US24251 A, US24197 A, US2293922 A, US2252119 A, US2180063 A, US2041351 A, US201369 A, US1661595 A, GB2120630 A1, GB2006712 A1, GB1444848 A, DE19712334 A1, CH676109 B,

Forward Citations:

WO16069276, WO16012355, WO16005562, WO11004035, WO08153718, WO08112275, USD777909, USD776267, USD776266, USD753292, USD674481, USD636890, USD618339, US9988190, US9918900, US9850046, US9694965, US9364393, US9108777, US8919594, US8528736, US8523016, US8511500, US8485360, US8464918, US8266872, US8091242, US7832601, US7562796, US2017259984, US2015122840, US2013020322, US2011174665, US2011024462, US2010107560, US2008298727, US2008262466, US2007138215, US2006108384, US10017300, JP2010523238, EP2909096,

Abstract:

A dispensing container tillable with a liquid includes a squeezable reservoir for holding the liquid prior to dispensing; a substantially flat dispensing head which is integral with the squeezable reservoir and having a distal end and a proximal end; an outlet at the distal end of the dispensing head for dispensing the liquid from the container; a passage interconnecting the squeezable reservoir and the outlet; and a stop disposed near the proximal end of the dispensing head to prevent over-insertion of the dispensing head into a user's mouth when the container is used to dispense the liquid to the user. Containers that are pre-filled with liquid and a method of making the containers are also described.



Title:

DISPENSING CONTAINER WITH FLOW CONTROL SYSTEM

Priority:

US20040630716P 20041124 US20050285913 20051123

Family:

	Publication number	Publication date	Application number	Application date
	US2006108384 AA	20060525	US20050285913	20051123
	US7562796 BB	20090721	US20050285913	20051123
	WO06058139 A2	20060601	WO2005US42576	20051123
	WO06058139 A3	20060720	WO2005US42576	20051123

Probable Assignee:

RITEDOSE CORP

Assignee(s):(std):

HOLOPACK INT CORP ; HOLOPACK INTERNAT CORP ; ZAHN WALTER ; MILLER SHAWN W ; ROCHELEAU DAVID ; SADEGHI MOHAMMAD R ; HANSEN BERND

Assignee(s):

HEALTHCARE FINANCIAL SOLUTIONS LLC ; HOLOPACK INT ; GENERAL ELECTRIC CAPITAL AGENT AS CORP ; HOLOPACK INTERNATIONAL CORP ; RITEDOSE CORP ; PNC BANK NATIONAL ASSOCIATION AS AGENT ; MADISON CAPITAL FUNDING LLC AGENT AS ; PNC BANK NATIONAL ASSOCIATION AGENT AS ; MIDCAP FINANCIAL TRUST

Inventor(s):(std):

HANSEN BERND ; MILLER SHAWN W ; ROCHELEAU DAVID ; SADEGHI MOHAMMAD R ; ZAHN WALTER

Inventor(s):

SADEGHI MOHAMMAD ; MILLER SHAWN

Agent(s):

NELSON MULLINS RILEY AND SCARBOROUGH 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 GW HR HU ID IE IL IN IS IT JP KE KG KM KN KP KR KZ LC LK LR LS LT LU LV LY MA MC MD MG MK ML MN MR MW MX MZ NA NE NG NI NL NO NZ OM PG PH PL PT RO RU SC SD SE SG SI SK SL SM SN SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

International class (IPC 8-9):

B65D47/10 (Advanced/Invention);
B65D47/06 (Core/Invention)

CPC:

A61J1/067 B65D1/095 B65D75/5811

European class:

A61J1/06D B65D1/09D B65D75/58B1

US class:

215/11.4 215/208 222/107 222/215 222/541.9 222/541.900P 222/564

Classification Explorer

Cited documents:

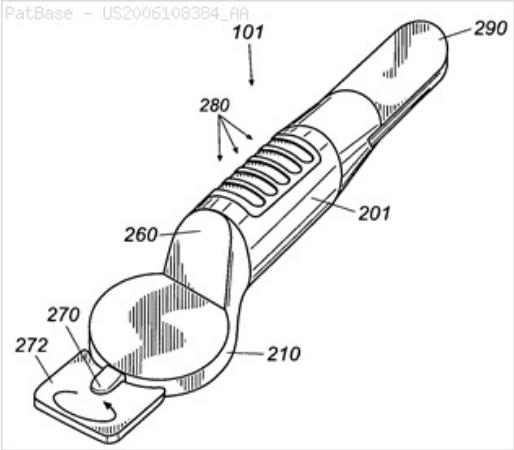
USRE24251 E, USD52688 S1, USD496833 S1, USD368209 S1, USD34314 S1, USD24197 S1, US878524 A, US7513397 BB, US7487894 BB, US6868987 BB, US6357626 BA, US6357450 BA, US6347727 BA, US5975305 A, US5556008 A, US5158192 A, US5154318 A, US5062550 A, US5038974 A, US5038476 A, US4966312 A, US4890744 A, US4888188 A, US488188 A, US4841637 A, US4830222 A, US4787536 A, US4411656 A, US4248227 A, US4192360 A, US4182002 A, US4161264 A, US4087022 A, US3946652 A, US3473221 A, US3410457 A, US3133679 A, US3116152 A, US3090071 A, US2795043 A, US2688243 A, US2293922 A, US201369 A, US2007138215 AA, US1661595 A,

Forward Citations:

WO10133778, WO09042890, WO08062203, WO08062203, USD717666, USD701355, USD687545, USD636890, USD618339, US9999757, US9867973, US9603981, US9260231, US9168201, US8919594, US8832901, US8720749, US8584311, US8528736, US8523016, US8511500, US8485360, US8464918, US8277433, US8091242, US8083103, US7832601, US2017197069, US2015209228, US2014370147, US2014090202, US2013012910, US2011113588, US2010249716, US2008273915, US2008228162, US2008223875, US2008072432, US2007138215, US09999757, JP2013230844, JP2010510018, ITMI20131008, GB2478109, GB2478109, FR2945797, CN101610748, AU2007323217, AU2007323217,

Abstract:

A dispensing container fillable with a liquid includes a squeezable reservoir for holding the liquid prior to dispensing, a dispensing outlet for expending the liquid, and a flow control system for regulating the velocity of the liquid exiting the outlet when a squeezing pressure is applied to the liquid-holding reservoir.



Title:

APPLICATORS FOR STORING STERILIZING, AND DISPENSING AN ADHESIVE

Priority:

US20110287238 20111102 WO2012US62976 20121101 US20150726714 20150601
US20160374202 20161209

Family:

Publication number	Publication date	Application number	Application date
CN104334462 A	20150204	CN201280054122	20121101
CN104334462 B	20170215	CN201280054122	20121101
EP2773566 A2	20140910	EP20120846036	20121101
EP2773566 A4	20160615	EP20120846036	20121101
KR20140109861 A	20140916	KR20147013083	20121101
US2013108352 AA	20130502	US20110287238	20111102
US2015266049 AA	20150924	US20150726714	20150601
US2017086810 AA	20170330	US20160374202	20161209
US9066711 BB	20150630	US20110287238	20111102
US9533326 BB	20170103	US20150726714	20150601
US9877709 BB	20180130	US20160374202	20161209
WO13067127 A2	20130510	WO2012US62976	20121101
WO13067127 A3	20150129	WO2012US62976	20121101

Probable Assignee:

ADHEZION BIOMEDICAL LLC

Assignee(s):(std):

ADHEZION BIOMEDICAL LLC ; KRAUSS MARTIN ; RUIZ RAFAEL SR ; RUIZ SR RAFAEL ; ZHANG SHENG

Inventor(s):(std):

KRAUSS MARTIN ; RUIZ RAFAEL SR ; RUIZ SR RAFAEL ; ZHANG SHENG

Agent(s):

VON KREISLER SELTING WERNER PARTNERSCHAFT VON PATENTANWAELTEN U RECHTSANWAELTEN
MBB; STRADLEY RONON STEVENS AND YOUNG LLP; COCCA BRIAN A ET AL

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 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 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

International class
(IPC 8-9):

A46B11/00 A61B17/00 A61F13/40 A61M35/00 B05C17/005 B65D25/40 B65D35/36 B65D51/22
B65D51/24 (Advanced/Invention);
A46B11/00 A61B19/00 A61B90/00 A61F13/40 A61M35/00 (Advanced/Non-invention)

CPC:

A61M35/003 B65D35/36 B65D51/225 A61B2090/0813 A61B17/00491 A46B11/0075 A61M35/006
B05C17/00586

US class:

1/1 401/132 401/134

Classification Explorer

Cited documents:

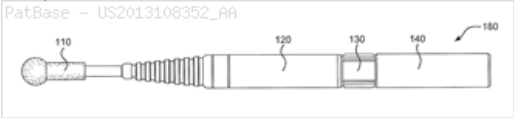
USRE40003 E, USD402199 S1, US8118508 BB, US8100294 BB, US7918621 BB, US7785026 BB,
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US5288159 A, US5263615 A, US5232774 A, US5226562 A, US5171149 A, US5154320 A, US5133458 A,
US5131777 A, US5052585 A, US5042690 A, US5031384 A, US5018643 A, US5016784 A, US5013172 A,
US5006004 A, US4979638 A, US4844250 A, US4784506 A, US4777085 A, US4772148 A, US4724177 A,
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US2721858 A, US2333070 A, US2111104 A, US2012070220 AA, US2011028883 AA, US2010274258 AA,
US2010168638 AA, US2010168637 AA, US2009324320 AA, US2009324319 AA, US2009318583 AA,
US2009317353 AA, US2009311030 AA, US2009257976 AA, US2009152295 AA, US2008319063 AA,
US2008287987 AA, US2008245314 AA, US2008241249 AA, US2008195040 AA, US2008167681 AA,
US2008131190 AA, US2008125811 AA, US2008121657 AA, US2008105580 AA, US2008095569 AA,
US2008069801 AA, US2008058863 AA, US2008033280 AA, US2007147947 AA, US2007131356 AA,
US2007084144 AA, US2007078207 AA, US2006282035 AA, US2006247568 AA, US2006049203 AA,
US2005256446 AA, US2005196431 AA, US2005175395 AA, US2005148998 AA, US2005147582 AA,
US2005147457 AA, US2005054967 AA, US2005047846 AA, US2005047845 AA, US2005025559 AA,
US2002151873 AA, US1822566 A, US1234844 A, US1229195 A, US1221227 A, JP58041068 A2,
JP2006315307 A2, GB1016053 A, FR2700698 A1, FR1130737, ER1445032, EP1445032 A2, DE20314688
U1, CN1443579 A, CN1272797 A, CN101715351 A,

Forward Citations:

WO16012355, WO15168165, WO15089106, US9827585, US9675787, US9642622, US9642621,
US9561034, US9554800, US9554799, US9474529, US9004796, US2018177278, US2016278907,
US2016015373, US2014193188, US2013251439, US2012034012, US10010710, EP2873375,
CN104622527,

Abstract:

Applicators for storing, sterilizing, and dispensing adhesives are provided. The applicators comprise a porous tip, a body, and a container containing a polymerizable cyanoacrylate monomer adhesive. The applicators are sterilized by radiation, and following sterilization, the adhesive remains substantially unpolymerized for about twenty four months.



Title:
Priority:
Family:

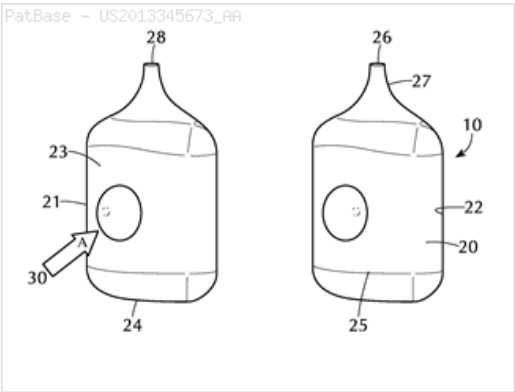
SINGLE USE DELIVERY DEVICE HAVING A PRIMER ELEMENT
US20120664456P 20120626 US20130925213 20130624 AU20130296989 20130626
WO2013US47874 20130626 WO2013US47877 20130626 AU20170239596 20171006

Publication number	Publication date	Application number	Application date
AU2013296989 AA	20140206	AU20130296989	20130626
AU2017239596 AA	20171102	AU20170239596	20171006
CA2877699 AA	20141222	CA20132877699	20130626
CN104640594 A	20150520	CN201380043652	20130802
EP2863980 A2	20150429	EP20130795890	20130626
IN00467CN2015 A	20160701	IN2015CN00467	20150123
JP2015521529 T2	20150730	JP20150520437T	20130626
MX2014015727 A1	20160205	MX20140015727	20130626
SG11201408724X A1	20150227	SG20141108724	20130626
US2013345673 AA	20131226	US20130925213	20130624
US10010685 BB	20180703	US20130925213	20130624
WO14022030 A2	20140206	WO2013US47874	20130626
WO14022030 A3	20140327	WO2013US47874	20130626

Probable Assignee:
Assignee(s):(std):
Assignee(s):
Inventor(s):(std):
Agent(s):
Designated states:
International class (IPC 8-9):
CPC:
US class:
[Classification Explorer](#)
Cited documents:
Forward Citations:

BECTON DICKINSON CO
BECTON DICKINSON CO
CARLSON MORGAN ; FERRERI SUZANNE ; KENNEDY JAMES ; MANKE DARRIN ; BECTON DICKINSON AND CO
CARLSON MORGAN ; FERRERI SUZANNE ; KENNEDY III JAMES J ; KENNEDY JAMES ; MANKE DARRIN
DARK IP; GOWLING LAFLEUR HENDERSON LLP; COYLE PHILIP AIDAN; SERVILLA WHITNEY LLC; HIGHTET DAVID W ET AL
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 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 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
A61J1/06 A61J1/10 A61J1/20 A61M25/00 A61M39/02 A61M39/24 A61M5/28 A61M5/31 A61M5/36 G06F15/16 (Advanced/Invention); A61J1/14 A61M5/31 (Advanced/Non-invention)
A61M5/36 A61J1/067 A61J1/1425 A61J1/2093 A61M5/282 A61M5/284 A61M25/00 A61M39/24 A61M2005/312 A61M2005/3123 A61M2025/0019
604/125 604/507
WO9527522 A1, US6383166 BA, US5683369 A, US5333761 A, US4131217 A, US3340869 A, US2008086099 AA, US2007262091 AA, US2006131189 AA, US2005203463 AA, EP0702968 A1, EP0352348 A1,
WO17124169, WO17001919, WO17001918, WO16012355,

Abstract:
A single use delivery device is disclosed having a manually deformable liquid container defining an inner chamber, the container having a distal end, a body, a proximal end, and an outlet on the distal end; a tip projecting from the outlet on the distal end of the container, the tip in fluid communication with the inner chamber of the container; and a primer element for removing one or more air bubbles from the chamber, said primer element being attached to and in fluid communication with the deformable container. A method of administering a fluid to or flushing a vascular access device using a single use pre-filled delivery device as described herein is also disclosed.



Title:

EYE DROP APPLICATOR AND DROP TRANSFER METHOD

Priority:

US20120709095P 20121002 US20130800172P 20130315 US20130887966 20130506
US20170474024 20170330

Family:

Publication number	Publication date	Application number	Application date
US2014094759 AA	20140403	US20130887966	20130506
US2017202706 AA	20170720	US20170474024	20170330
US9642742 BB	20170509	US20130887966	20130506
WO14055676 A1	20140410	WO2013US63109	20131002

Probable Assignee:

MANSFIELD HAROLD D

Assignee(s):(std):

MANSFIELD HAROLD D

Inventor(s):(std):

MANSFIELD HAROLD D

Agent(s):

GEORGE F; DOUMA MARK

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 IS IT JP KE KG KM KN KP KR KZ LA LC LK LR LS LT LU LV LY MA MC MD ME MG MK ML MN MR MT MW MX MY MZ NA NE NG NI NL NO NZ OM 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

International class

A61F9/00 A61M35/00 (Advanced/Invention);
(IPC 8-9): A46B11/00 A61H33/04 B43M11/00 B65D88/54 (Advanced/Non-invention)

CPC:

A61F9/00 A61F9/0026 A61M35/003 A61F2210/0071 A61F2250/0014 A61F9/0008

US class:

604/290 604/295

Classification Explorer

Cited documents:

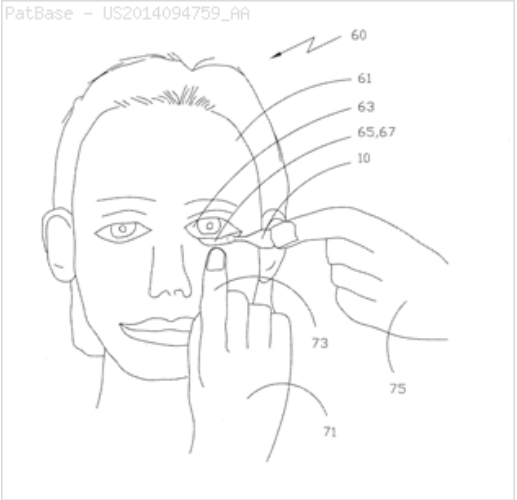
WO9855059 A1, WO12144437 A1, WO11057363 A1, WO09120550 A2, WO07037584 A2, WO03076000 A1, WO0069506 A1, US8496028 BB, US8066682 BB, US7959369 BB, US7846140 BB, US7758553 BB, US7678089 BB, US7665923 BB, US7563256 BB, US7527613 BB, US7503469 BB, US7374559 BB, US7309329 BB, US7235606 BB, US7063241 BB, US6869421 BB, US6736802 BA, US6666607 BB, US6632202 BA, US6595970 BA, US6533764 BA, US6472473 BA, US6331085 BA, US6325784 BA, US6197008 BA, US6159189 A, US6129248 A, US6051190 A, US6041978 A, US5997518 A, US5976116 A, US5944702 A, US5916953 A, US5888005 A, US5848999 A, US5810794 A, US5756050 A, US5713495 A, US5685869 A, US5678729 A, US5665079 A, US5630793 A, US5614172 A, US5613957 A, US5584823 A, US5578021 A, US5578020 A, US5578019 A, US5516008 A, US5514118 A, US5460299 A, US5412020 A, US5401259 A, US5238989 A, US5221027 A, US5133702 A, US5040706 A, US5007905 A, US4997875 A, US4973322 A, US4955745 A, US4913682 A, US4878775 A, US4838851 A, US4834727 A, US4761381 A, US4733802 A, US4685906 A, US4629456 A, US4113802 A, US4111200 A, US4036230 A, US4002168 A, US3958528 A, US3934585 A, US3893989 A, US2658613 A, US2013030393 AA, US2013006202 AA, US2012310184 AA, US2012253300 AA, US2012179122 AA, US2012150132 AA, US20111208136 AA, US2011092889 AA, US2011009836 AA, US2010286634 AA, US2010266664 AA, US2010006590 AA, US2008208148 AA, US2008145406 AA, US2008039807 AA, US2007287123 AA, US2007282241 AA, US2007262096 AA, US2007179457 AA, US2007055208 AA, US2006201976 AA, US2006090725 AA, US2005049562 AA, US2005043693 AA, US2004267214 AA, US2004111070 AA, US2002161344 AA, US2002107493 AA, US2002107492 AA, US2002058914 AA, US2002016576 AA, KR20050002005 A, KR10020050000254, JP2010029596 A2, JP2009226187 A2, JP2006116071 A2, JP2006020908 A2, JP2004267709 A2, EP2181620 A1, EP1726327 A1, EP1332754 A1, EP11726327, CHEP1332754, WO18017873, WO16149809, USD775326, USD771802, US2017197069,

Forward Citations:

WO18017873, WO16149809, USD775326, USD771802, US2017197069,

Abstract:

A handheld applicator designed to transfer a liquid drop of ophthalmic medicament into a human eye. The basic structure comprises a finger grip section and a drop retainer section, preferably connected to the grip section with an extension. The device is made from an elastomeric material that will allow for the safe transfer of a liquid drop into the eye. A drop dispensed from a container is placed onto the drop retainer section of the device where the surface tension provides drop adhesion. The user may administer the drop, without having to tilt the head, while maintaining an eyeglass assisted view into a mirror. Application of the drop occurs from the peripheral line of vision. When contact is made to the eye, surface tension is relieved and the drop safely transfers into the eye. The same applicator may have a drop retainer section with a different structure on each side.



Title: TUBE WITH APPLICATION TIP
Priority: EP20140177936 20140722 WO2015EP66376 20150717
Family:

Publication number	Publication date	Application number	Application date
AR101022 AA	20161116	AR2015P102077	20150629
AU2015294103 AA	20160128	AU20150294103	20150717
BR112017000540 A2	20180626	BR20171100540	20150717
CA2955775 AA	20170119	CA20152955775	20150717
CL2017000140 A1	20170825	CL20170000140	20170118
CN106687170 A	20170517	CN201580039527	20150717
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DOP2017000017 A	20170315	DO20170000017	20170118
EP3171925 A1	20170531	EP20150738657	20150717
IL250157 A0	20170330	IL20150250157	20150717
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US2017197069 AA	20170713	US20150320946	20150717
UY36193 A1	20160229	UY20150036193	20150626
WO16012355 A1	20160128	WO2015EP66376	20150717

Probable Assignee: BAYER AG
Assignee(s):(std): BAYER AG ; BAYER ANIMAL HEALTH GMBH
Assignee(s): HABIG JORG ; HINXLAGE WILFRIED
Inventor(s):(std): HABIG JA RG ; HABIG JOERG ; HABIG JORG ; HINXLAGE WILFRIED ; JOERG HABIG ; JRG HABIG ; WILFRIED HINXLAGE
Agent(s): DAVIES COLLISON CAVE PTY LTD; FETHERSTONHAUGH AND CO; ESTUDIO CLARKE MODET AND CO CHILE LIMITADA; CAROLINA MERCEDES DAZA MONTALVO; BIP PATENTS
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
International class (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)
CPC: A61M2207/00 A61M35/003 A61M31/00 B65D35/38
[Classification Explorer](#)
Cited documents: WO06058138 A2, US5908124 A, US5006004 A, US3949871 A, US2014094759 AA, US2013345673 AA, US2013108352 AA, US2006108384 AA,

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.

