

PatBase - Search results 22 May 2015

Search query (3): [SP]: 1. a container assembly comprising: a container for storing a tissue sample said container comprising a bottom a cover adapted to engage with said container, said cover comprising: a top member comprising a receptacle, said receptacle being adapted to contain a preserving agent a seal for sealing off said receptacle a puncturing member for breaking said seal by displacement of said puncturing member where the container assembly has a first and a second position, wherein in the first position the container is isolated from the receptacle, and in the second position fluid communication is provided between the receptacle and the container, characterized wherein the container assembly comprises a separator positioned between the seal and the bottom of the container, and the separator is provided with at least one aperture adapted to provide a fluid passage between the receptacle and the container. 2. the container assembly according to claim 1, further comprising a space between the separator and the seal, the separator being provided with a conduit (30) adapted to provide a fluid passage between the space and the container. 3. the container assembly according to claim 2, wherein the conduit has an opening positioned above the level of the preserving agent after the seal has been broken. 4. the container assembly according to claim 1, wherein the cover constitutes a lid. 5. the container assembly according to claim 1, wherein the cover comprises a membrane having a substantially convex shape in the first position and a substantially concave shape in the second position. 6. the container assembly according to claim 1, wherein the cover is adapted to be fluid tightly sealed to the container. 7. the container assembly according to claim 1, wherein the cover comprises a protective cap for covering the membrane. 8. the container assembly according to claim 1, wherein the container assembly comprises a tracking device. 9. the container assembly according to claim 2, wherein the puncturing member is provided with at least one aperture, for providing a passage between the receptacle and the space. 10. the container assembly according to claim 1, wherein the separator comprises a bottom and engagement means for engagement with corresponding engagement means of the cover, such that the bottom of the separator is prevented from contacting the bottom of the container. 11. the container assembly according to claim 1, wherein an outer diameter of the separator is substantially equal to an inner diameter of the container. 12. the container assembly according to claim 1, wherein the seal is selected from a group consisting of a film, a foil, a membrane and a polymer. 13. the container assembly according to claim 1, wherein a part of the container assembly comprises a transparent part for viewing inside the container. 14. the container assembly according to claim 1, wherein the assembly is provided with an indicator for indicating whether the seal has been broken. 15. the container assembly according to claim 1, wherein the separator is a contrast colour, such as blue, to a colour of the tissue. 16. the container assembly according to claim 1, wherein the puncturing member is provided with at least two projections for breaking the seal. 17. the container assembly according to claim 1, wherein the puncturing member is provided with teeth. 18. the container assembly according to any claim 1, wherein the cover is adapted to be locked to the container. 19. a method of preserving a tissue sample, comprising the steps of: providing a container, providing a cover including a top member with a receptacle filled with a preserving agent and sealed off by a seal, a puncturing member and a separator, placing a tissue sample in said container, engaging said cover with the container, thereby positioning said separator between the seal and the bottom of the container, displacing the puncturing member whereby said seal is broken and the preserving agent is allowed to enter into the container.

Results: 9

yenny campos

Search history

- Search 1: TAC=(CONTAINER ASSEMBLY AND ASSOCIATED METHOD) (Results 3)
- Search 2: TAC=(CONTAINER ASSEMBLY AND ASSOCIATED METHOD) (Results 3)
- Search 3: [SP]: 1. a container assembly comprising: a container for storing a tissue sample said container comprising a bottom a cover adapted to engage with said container, said cover comprising: a top member comprising a receptacle, said receptacle being adapted to contain a preserving agent a seal for sealing off said receptacle a puncturing member for breaking said seal by displacement of said puncturing member where the container assembly has a first and a second position, wherein in the first position the container is isolated from the receptacle, and in the second position fluid communication is provided between the receptacle and the container, characterized wherein the container assembly comprises a separator positioned between the seal and the bottom of the container, and the separator is provided with at least one aperture adapted to provide a fluid passage between the receptacle and the container. 2. the container assembly according to claim 1, further comprising a space between the separator and the seal, the separator being provided with a conduit (30) adapted to provide a fluid passage between the space and the container. 3. the container assembly according to claim 2, wherein the conduit has an opening positioned above the level of the preserving agent after the seal has been broken. 4. the container assembly according to claim 1, wherein the cover constitutes a lid. 5. the container assembly according to claim 1, wherein the cover comprises a membrane having a substantially convex shape in the first position and a substantially concave shape in the second position. 6. the container assembly according to claim 1, wherein the cover is adapted to be fluid tightly sealed to the container. 7. the container assembly according to claim 1, wherein the cover comprises a protective cap for covering the membrane. 8. the container assembly according to claim 1, wherein the container assembly comprises a tracking device. 9. the container assembly according to claim 2, wherein the puncturing member is provided with at least one aperture, for providing a passage between the receptacle and the space. 10. the container assembly according to claim 1, wherein the separator comprises a bottom and engagement means for engagement with corresponding engagement means of the cover, such that the bottom of the separator is prevented from contacting the bottom of the container. 11. the container assembly according to claim 1, wherein an outer diameter of the separator is substantially equal to an inner diameter of the container. 12. the container assembly according to claim 1, wherein the seal is selected from a group consisting of a film, a foil, a membrane and a polymer. 13. the container assembly according to claim 1, wherein a part of the container assembly comprises a transparent part for viewing inside the container. 14. the container assembly according to claim 1, wherein the assembly is provided with an indicator for indicating whether the seal has been broken. 15. the container assembly according to claim 1, wherein the separator is a contrast colour, such as blue, to a colour of the tissue. 16. the container assembly according to claim 1, wherein the puncturing member is provided with at least two projections for breaking the seal. 17. the container assembly according to claim 1, wherein the puncturing member is provided with teeth. 18. the container assembly according to any claim 1, wherein the cover is adapted to be locked to the container. 19. a method of preserving a tissue sample, comprising the steps of: providing a container, providing a cover including a top member with a receptacle filled with a preserving agent and sealed off by a seal, a puncturing member and a separator, placing a tissue sample in said container, engaging said cover with the container, thereby positioning said separator between the seal and the bottom of the container, displacing the puncturing member whereby said seal is broken and the preserving agent is allowed to enter into the container. (Results 9)
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Title: SPECIMEN COLLECTING DEVICE

Abstract: Source: US4353868A A specimen collecting and transporting device is provided which includes a container, a swab in the container connected to a closure cap closing one end of the container, and a reservoir attached to the other end of the container and containing a liquid culture-sustaining medium sealed in a chamber of the reservoir. The bottom end of the container has an opening covered by an absorbent pad and which is in contact with the swab tip. The container has a projection which when moved relatively toward the reservoir, pierces the chamber seal to allow the medium to flow through the opening to the pad and swab tip.

Classifications:

International (IPC 8-9): A61B10/00 C12M1/30 (Advanced/Invention); A61B10/02 A61B17/00 A61B17/24 A61F13/38 G01N1/02 (Advanced/Non-invention); A61B10/00 C12M1/26 (Core/Invention);

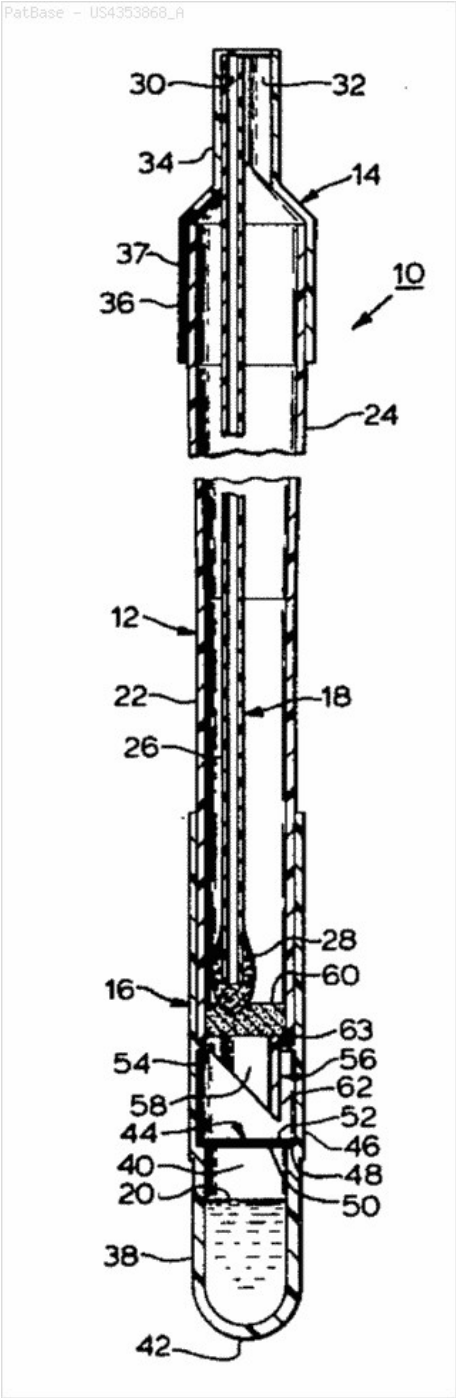
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International (IPC 1-7): B01L11/00 C12M1/30

CPC: B01L3/5029 B01L3/50825 B01L2300/044 B01L2300/045 B01L2300/0672 B01L2300/069 A61B10/0096 A61B10/02 A61B17/24 A61B2017/00787 A61F13/38 C12M33/02 C12M45/22 G01N2001/028

European: A61B10/00S C12M1/30 K61B10/02 K61B17/00R6 K61B17/24 K61F13/38 S01N1/02S

US: 422/101 422/102 422/527 422/547 435/304.2 435/307.1 435/309.1 600/572



Family:

Publication number	Publication date	Application number	Application date
US4353868 A	19821012	US19810268217	19810529

Priority:

US19810268217 19810529

Assignee(s): (std): SHERWOOD MEDICAL IND INC

Assignee(s): SHERWOOD MEDICAL INDUSTRIES INC ; SHERWOOD SERVICES AG ; TYCO GROUP SARL ; SHERWOOD MEDICAL CO

Inventor(s): (std): DENNISON MARSHALL T ; JOSLIN JOEL A

Title: Two-piece reagent container assembly

Abstract: Source: US5152965A An assembly of containers is provided for efficient and controlled storage of a reagent and subsequent mixing of the reagent with a reagent diluent. The assembly includes a reagent diluent container and a sealed reagent vial. An adapter assembly includes a coupler having one end mountable to the reagent diluent container and having the opposed end defining a hollow plunger. A retainer ring has one end mountable to the coupler and the opposed end mountable to the reagent vial. The reagent vial is engageable with the coupler in a first position and is advanceable into a second position relative to the adapter assembly such that the hollow plunger thereof displaces the seal of the reagent vial permitting the reagent in the reagent vial to flow through the hollow plunger to mix with a buffer or diluent in the reagent diluent container.

Classifications:

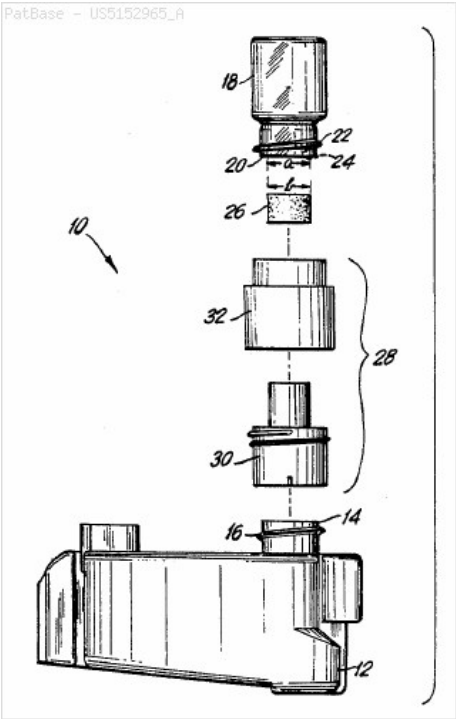
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International (IPC 1-7): B01L3/00 B65B1/04

CPC: B01L3/502 G01N1/38 G01N35/00663 G01N35/1002 G01N2035/00673

European: B01L3/00C6 B01L3/502 G01N1/38 G01N35/00G1D3 G01N35/00G1R G01N35/10A S01N35/00G1D3A

US: 141/319 141/363 141/364 141/9 206/219 206/221 206/222 422/102 422/103 422/104 422/544 422/547 422/566 604/82 604/87 604/89 604/91 D24/224



Family:

Publication number	Publication date	Application number	Application date
US5152965 A	19921006	US19890360653	19890602
US5257650 A	19931102	US19920940601	19920904

Priority:

US19890360653 19890602 US19920940601 19920904

Assignee(s): (std): ABBOTT LAB

Assignee(s): ABBOTT LABORATORIES ; ABBOTT LABORATORIES A CORP ; ABBOTT LABORATORIES A OF IL CORP

Inventor(s): (std): ROBERTS MICHAEL ; MILLER JAMES ; FISK RICHARD

Title: Container cap

Abstract: Source: US5255812A A container cap for vise with a self-heating tin container having a chemical compound on one end for releasing heat upon mixing with a liquid catalyzer. The container cap has an annular groove on the bottom around the border into which a peripheral flange on a self-heating tin container is inserted for positioning, a pointed member on the inside surface of the elastic top edge thereof, a film covering covered over the pointed member to hold a liquid catalyzer. Pressing the elastic top edge of the container cap against the tin container to which the container cap is fastened causes the pointed member to pierce the film covering permitting the liquid catalyzer to flow out of the container cap for mixing with the chemical compound in the tin container.

Classifications:

International (IPC 8-9): A47J36/28 B65D17/42 B65D51/28

F24J1/00 (Advanced/Invention);

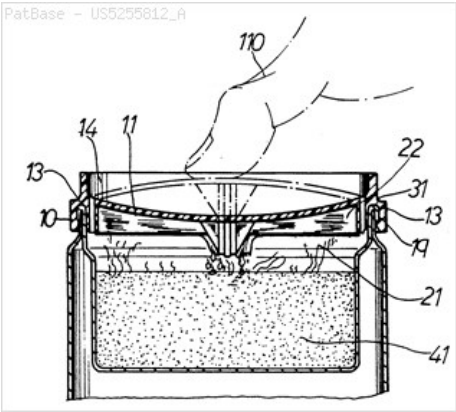
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CPC: A47J36/28 B65D51/2835 F24J1/00

European: A47J36/28 B65D51/28B1B1 F24J1/00

US: 126/263 126/263.01 206/222 215/227 215/228 220/212 220/262 220/277 220/355 220/521



Family:

Publication number	Publication date	Application number	Application date
GB2277800 A1	19941109	GB19930009266	19930505
GB9309266 A0	19930616	GB19930009266	19930505
US5255812 A	19931026	US19920907695	19920701

Priority:

US19920907695 19920701 GB19930009266 19930505

Assignee(s): (std): HSU YU T ; HSU YU TANG

Assignee(s): YU TANG HSU

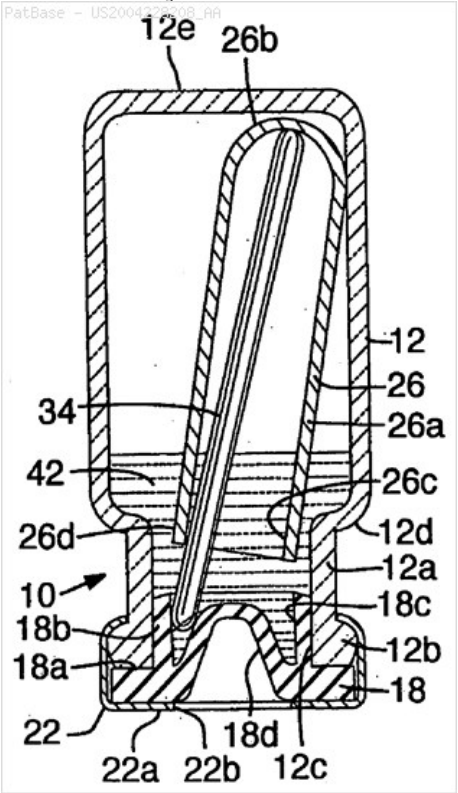
Inventor(s): (std): HSU YU TANG ; HSU YU T

Inventor(s): YU TANG HSU

Title: Mixing vial

Abstract: Source: US2004228208A A mixing vial for storing and mixing first and second components includes a mixing container for holding one of the components, and a supplemental container received within the mixing container for holding the other of the components separated from the first component. Manually operable release mechanism is actuatable to produce opening of the supplemental container within the mixing container to permit mixing of the previously segregated components to form a combined mixture in the mixing container.

Classifications:
International (IPC 8-9): A61J1/05 B65D51/28 (Advanced/Invention)
International (IPC 1-7): A61J1/05 B01F13/00 B01F7/00 B65D51/28
CPC: B65D51/2814 B65D51/2878 B65D51/2885
European: B65D51/28B1 B65D51/28B2B B65D51/28B2C
US: 366/197 366/197P 604/82 604/82S



Family:

Publication number	Publication date	Application number	Application date
AU2003245635 AA	20040106	AU20030245635	20030620
CA2490358 AA	20041222	CA20032490358	20030620
EP1517842 A1	20050330	EP20030739262	20030620
IN00031KN2005 A	20050902	IN2005KN00031	20050113
IN222910 B	20080829	IN2005KN00031	20050113
JP2005530656 T2	20051013	JP20040516110T	20030620
US2004228208 AA	20041118	US20040874780	20040622
WO04000678 A1	20031231	WO2003US19684	20030620

Priority:
US20020391862P 20020625 WO2003US19684 20030620 US20040874780 20040622

Assignee(s): (std): PAPANIA MARK J ; US GOV HEALTH AND HUMAN SERV ; BAGLEY MARK C ; BARRY JAMES J

Assignee(s): CREARE INC ; DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FO ; HEALTH AND HUMAN SERVICES CENTERS FOR DISEASE CONT ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF ; REPRESENTED BY SECRETARY OF DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FOR DISEASE CONTROL AND PREVENTION AS US GOV ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SE CRE ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY DEPARTMENT OF HEALTH AND HUMAN SERVICES ; THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FOR DISEASE CONTROL AND PREVENTION ; THE DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FOR DISEASE CONTROL AND PREVENTION ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FOR DISEASE CONTROL AND PREVENTION ; REPRESENTED BY SE CRE AS US GOV ; REPRESENTED BY SE CRETARY OF DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTERS FOR DISE US GOV AS ; REPRESENTED BY SECRETARY OF DEPARTMENT OF AS US GO ; REPRESENTED BY SEC DEP OF HEALTH AND HUMAN SERVICE ; US GOV ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS ; THE DEPARTMENT OF HEALTH AND HUMAN SERVICES CENTER ; THE GOVERNMENT OF THE UNITED STATES OF AMERICA

Inventor(s): (std): BAGLEY MARK C ; BARRY JAMES J ; PAPANIA MARK J ; PAPANIA MARK JAMES

Inventor(s): JAMES J BARRY ; MARK C BAGLEY ; MARK J PAPANIA

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 CO CR CU CY CZ DE DK DM DZ EC EE ES FI FR GA GB GD GE GH GM GN GQ GR GW HR HU ID IE IL IN IS IT JP KE KG KP KR KZ LC LI LK LR LS LT LU LV MA MC MD MG MK ML MN MR MW MX MZ NE NI NL NO NZ OM PG 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: TISSUE HANDLING SYSTEM WITH REDUCED OPERATOR EXPOSURE

Abstract: Source: US2010106053A A tissue handling system includes a biopsy device having an invasive unit with tissue-receiving and tissue-severing components being capable of harvesting and bringing at least one tissue sample to a point outside the body of a patient. The tissue handling system further includes a tissue collecting device adapted to be brought in detachable operative engagement with the tissue-receiving components of the biopsy device to remove the at least one tissue sample. Additionally, the tissue handling device comprises a tissue storage container configured to receive the at least one tissue sample, the entire tissue collecting device, or the part of the collecting device that contains the at least one tissue sample. The tissue storage container further is configured to receive a volume of preserving agent. The tissue handling system also comprises a vessel including the preserving agent adapted to be gas-tightly mated or coupled to the tissue storage container.

Classifications:

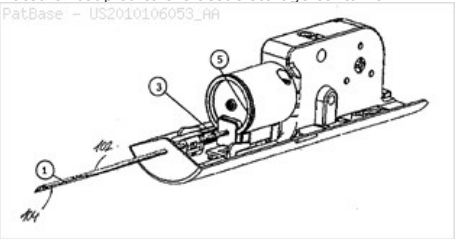
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A61B10/00 A61B10/02 B01L3/00 (Core/Invention)

CPC: A61B10/0275 A61B2010/0225 A61B10/0096 A61B10/0266

European: A61B10/00S A61B10/02P6N K61B10/02M

US: 600/564 600/568



Family:

Publication number	Publication date	Application number	Application date
AT493074 E	20110115	AT20070820988T	20071005
DE602007011659 D1	20110210	DE200760011659T	20071005
DK2086418 T3	20110314	DK20070820988T	20071005
EP2086418 A1	20090812	EP20070820988	20071005
EP2086418 B1	20101229	EP20070820988	20071005
EP2343014 A2	20110713	EP20100194467	20071005
EP2343014 A3	20111019	EP20100194467	20071005
ES2357169 T3	20110419	ES20070820988T	20071005
PT2086418 T	20110329	PT20070820988T	20071005
SI2086418 T1	20110531	SI20070030549T	20071005
US2010106053 AA	20100429	US20070444084	20071005
US2013289441 AA	20131031	US20130931116	20130628
US2015073301 AA	20150312	US20140514660	20141015
US8485987 BB	20130716	US20070444084	20071005
WO08040812 A1	20080410	WO2007EP60615	20071005

Priority:

US20060850004P	20061006	WO2007EP60615	20071005	US20070444084	20071005
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Assignee(s): (std): DANBORG INNOVATION ; DANBORG LASSE ; GUNDBERG TOMAS ; BARD PERIPHERAL VASCULAR INC ; STAAL LASSE G ; VIDEBAEK KARSTEN ; SONION ROSKILDE AS

Assignee(s): CR BARD INC ; SONION ROSKILDE A S

Inventor(s): (std): DANBORG LASSE ; GUNDBERG TOMAS ; STAAL LASSE G ; VIDEBAEK KARSTEN

Inventor(s): TOMAS GUNDBERG ; LASSE G STAAL ; LASSE DANBORG ; KARSTEN VIDEBAEK

Agent(s): TOMLINSON EDWARD JAMES; C R BARD INC BARD PERIPHERAL VASCULAR INC; INSPICOS A/S

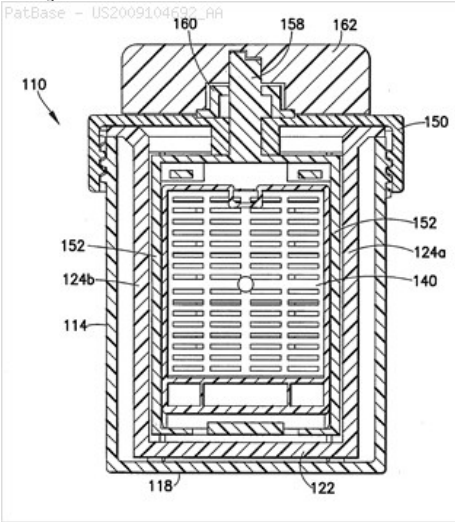
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Title: TISSUE CONTAINER FOR MOLECULAR AND HISTOLOGY DIAGNOSTICS INCORPORATING A BREAKABLE MEMBRANE

Abstract: Source: US2009104692A A container for storing a biological sample for molecular diagnostic testing and/or histological testing is provided. The container includes a first chamber for receiving a sample holder therein, a second chamber, and a closure for enclosing the container. A breakable membrane, such as a piercable foil, extends within the container and separates the two chambers. When the breakable membrane is broken, fluid can pass between the first and second chambers. The membrane may be broken through an activator on the closure, such as a depressible member or a rotatable carrier, causing the sample holder to break through the membrane.

Classifications:

International (IPC 8-9): A61B10/00 A61J1/06 B01L3/00 B01L3/14 B65D17/50 B65D51/20 B65D51/22 C12M1/00 C12N5/00 C12Q1/00 G01N1/04 G01N1/28 G01N33/487 (Advanced/Invention); C12M1/00 G01N1/31 (Advanced/Non-invention); A61B10/00 B01L3/00 B01L3/14 B65D17/00 B65D51/18 C12M1/00 C12N5/00 G01N33/487 (Core/Invention)
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European: A61B10/00S L01L300/04A2 L01L300/06C S01N1/31
US: 422/536 422/536S 422/554 435/309.1 435/309.100P 435/309.100S 435/325 435/325P 435/40.5 435/40.500P



Family:

Publication number	Publication date	Application number	Application date
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BRPI0817683 A2	20150407	BR2008PI17683	20081023
CA2702790 AA	20090430	CA20082702790	20081023
CN101835428 A	20100915	CN200880113011	20081023
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JP2011502254 T2	20110120	JP20100531252T	20081023
JP5211170 B2	20130612	JP20100531252T	20081023
MX2010004427 A1	20100503	MX20100004427	20100422
US2009104692 AA	20090423	US20080257134	20081023
US2011250634 AA	20111013	US20110167114	20110623
US2011269224 AA	20111103	US20110178014	20110707
US2014286837 AA	20140925	US20140296779	20140605
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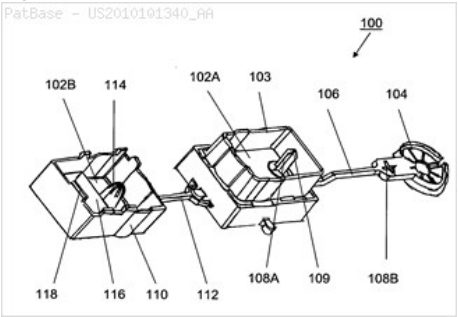
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Assignee(s): (std): BARTFELD BENJAMIN ; BARTFELD BENJAMIN R ; BECTON DICKINSON CO ; NEWBY C MARK
Assignee(s): NEWBY C ; BECTON DICKINSON AND CO ; BECTON DICKINSON AND COMPANY
Inventor(s): (std): BARTFELD BENJAMIN ; BENJAMIN BARTFELD ; MARK NEWBY C ; NEWBY C MARK ; NEWBY MARK ; BARTFELD BENJAMIN R
Inventor(s): NEWBY C ; C MARK NEWBY ; MARK NEWBY
Agent(s): VON KREISLER SELTING WERNER; WEBB LAW FIRM; MILES KIRK M ET AL
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 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 PG PH PL PT RO RS RU SC SD SE SG SI SK SL SM SN ST SV SY SZ TD TG TJ TM TN TR TT TZ UA UG US UZ VC VN ZA ZM ZW

Title: SAMPLE COLLECTING DEVICE

Abstract: Source: US2010101340A A sample collecting device is provided. The sample collecting device comprises an enclosure for enclosing a collected sample therein. A connecting mechanism movable connects a sample collecting head for collecting the sample to the enclosure. The connecting mechanism holds the sample collecting head in a sampling position outside the enclosure and holds the sample collecting head in a storage position inside the enclosure. In an embodiment the sample collecting device comprises a sample access port disposed in a wall of the enclosure for enabling access to the collected sample and the enclosure is shaped such that a plurality of sample collecting devices form one of a one-dimensional and a two-dimensional array suitable for use with an automated processing machine. The sample collecting device further comprises an identifier for providing identification data to the automated processing machine.

Classifications:
International (IPC 8-9): A61B5/151 B01L3/00 G01N1/02 G01N35/00 (Advanced/Invention); A61B5/15 B01L3/00 G01N1/02 G01N35/00 (Core/Invention)
CPC: A61B2503/40 B01L3/502 A01K11/001 A61B5/1411 A61B5/15142 A61B10/0045 A61B10/0051 A61B10/0064 A61B10/0096 A61B10/0233 A61B2010/0216 A61B2019/448 B01L3/545 B01L2200/141 B01L2300/022 B01L2300/043 B01L2300/044 G01N35/028 G01N2035/00801 A01K11/003
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US: 73/864.51 73/864.510P



Family:

Publication number	Publication date	Application number	Application date
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WO10045731 A1	20100429	WO2009CA01513	20091022

Priority:
US20080108200P 20081024 US20090589220 20091020

Assignee(s): (std): DNA IDENT INC ; LIPSCOMBE RONALD J

Inventor(s): (std): LIPSCOMBE RONALD J

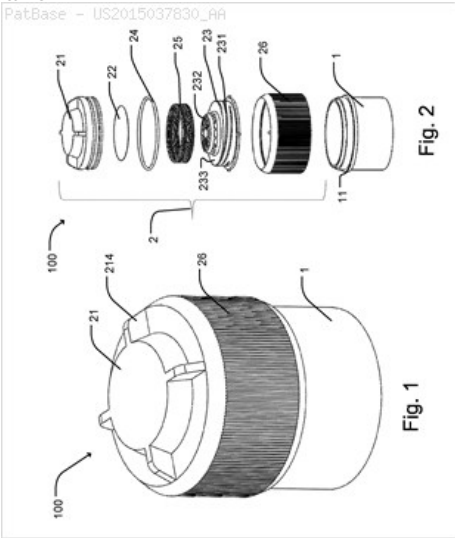
Agent(s): HARDING EARLEY FOLLMER AND FRAILEY PC 86 COMMONS AT VALLEY FORGE EAST; KERR AND NADEAU

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

Title: CONTAINER ASSEMBLY AND ASSOCIATED METHOD

Abstract: Source: US2015037830A Container assembly including a container for storing a tissue sample and a cover adapted to engage with the container. The cover includes: a top member having a receptacle, a seal for sealing off the receptacle, a puncturing member for breaking the seal by displacement of the puncturing member. The container assembly has a first and a second position, wherein in the first position the container is isolated from the receptacle, and in the second position fluid communication is provided between the receptacle and the container. The container assembly includes a separator positioned between the seal and the bottom of the container, and the separator is provided with at least one aperture adapted to provide a fluid passage between the receptacle and the container.

Classifications:
International (IPC 8-9): A61B10/00 B65D51/28 G01N1/04 G01N1/28 G01N1/38 (Advanced/Invention)
CPC: G01N1/38 A61B10/0096 B65D51/2835
European: A61B10/00S
US: 435/29 435/307.1



Family:

Publication number	Publication date	Application number	Application date
AR086918 AA	20140129	AR2012P102097	20120613
AU2011370782 AA	20121220	AU20110370782	20111111
CA2837607 AA	20131128	CA20112837607	20111111
CN103635147 A	20140312	CN201180071604	20111111
CO6930343 A2	20140428	CO20130301214	20131227
EP2720617 A1	20140423	EP20110784584	20111111
JP2014517315 T2	20140717	JP20140515065T	20111111
MX2013014716 A1	20140818	MX20130014716	20131213
PE17962014 A1	20141212	PE20130002806	20111111
US2015037830 AA	20150205	US20110125477	20111111
WO12171529 A1	20121220	WO2011DK50434	20111111
WO12171529 A8	20140220	WO2011DK50434	20111111

Priority:
DK20110070297 20110614 WO2011DK50434 20111111

Assignee(s): (std): AX LAB INNOVATION APS ; AX LABINNOVATION APS ; AXLAB INNOVATION APS ; BAY CHRISTOFFER ; JAKOBSEN OLE ; IISKOV JACOB ; ILSKOV JACOB

Inventor(s): (std): BAY CHIRSTOFFER ; BAY CHRISTOFFER ; IISKOV JACOB ; ILSKOV JACOB ; JAKOBSEN OLE

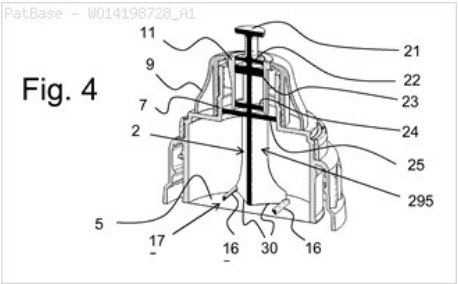
Agent(s): FUGL CHARLOTTE VALENTIN; TRIER MIKKEL ROED ET AL

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 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

Title: DRINK CLOSURE WITH FILM-SEALED CHAMBER AND FILM PIERCER

Abstract: A drink closure with a fillable chamber (1) that can be closed by a film (5), and with a film piercer (2) lying on the inside, comprises a closure cap (3) which on the inside has, as part of the chamber (1), a tubular nozzle (4) that is closed at its lower end in a leaktight manner by the film (5). Moreover, a plunger sleeve (11) for guiding the plunger-like film piercer (2) is arranged in the inside of the closure cap. The lower end of the film piercer (2) is designed as a lattice (15) which extends obliquely with respect to the axis of the film piercer, and of which the lattice bars (16) taper downwards into sharp edges (17). In this way, the closure chamber can be filled without obstruction, and no crystalline particles can get between film and plunger.

Classifications:
International (IPC 8-9): B65D47/24 B65D51/22 B65D51/28 (Advanced/Invention); B65D25/08 (Advanced/Non-invention)
CPC: B65D47/242 B65D51/2835



Family:

Publication number	Publication date	Application number	Application date
CH708149 A2	20141215	CH20130001090	20130610
WO14198728 A1	20141218	WO2014EP62036	20140610

Priority:
CH20130001090 20130610

Assignee(s): (std): UNICAP SYSTEMS AG

Inventor(s): (std): WILHELM RENE

Inventor(s): RENE WILHELM

Agent(s): FELBER JOSEF

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 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