

PatBase - Search results 09 June 2017

Search query (1): PN=(US6701720 OR US20030026088 OR WO2012000878 OR WO2012051093 OR EP2481330 OR CN102089221 OR US5861618 OR EP2345352 OR DE202010009287 OR US2011110180)

Results: 10

15-310612

1er examen de fondo

Search history

Search PN=(US6701720 OR US20030026088 OR WO2012000878 OR WO2012051093 OR EP2481330 OR CN102089221 OR US5861618 OR
1: EP2345352 OR DE202010009287 OR US2011110180) (Results 10)

Title: System and method of improving the signal to noise ratio of bar code and indicia scanners that utilize fluorescent inks

Abstract: Source: US5861618A A bar code and/or indicia scanning method that is able to determine what light was emitted from an upper layer invisible bar code and/or upper layer invisible indicia and what light was reflected back to the detector from a visible lower layer bar code and/or visible lower layer indicia. The detecting is "blind" to the spectra of the excitation source. Rather than differentiate between the exciter and emitter in the spectral domain, this invention differentiates between the exciter and the emitter in the time domain. The latency and persistence of the phosphorescent pigments of the invisible ink are used so that the detected signal is only the signal emitted by the upper layer invisible ink after the light source is turned off. Illumination and detection are synchronized to reduce the effects of reflection to zero so that the detector need not be chosen to be blind to the exciter. The foregoing is particularly suited to LED and laser illumination where the light source may be easily turned on and off.

Classifications:

International (IPC 8-9): G06K7/12 G06K9/18 (Advanced/Invention); G06K7/12 (Core/Invention)

International (IPC 1-7): G06K7/10 G06K7/12 G06K9/18

CPC: G06K7/12 G06K9/00577

European: G06K7/12 G06K9/00R

US: 235/468 235/491

PatBase - US5861618_A

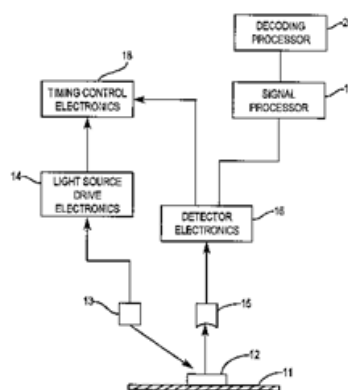
U.S. Patent

Jan. 19, 1999

Sheet 1 of 3

5,861,618

FIG. 1



Family:

Publication number	Publication date	Application number	Application date
CA2188487 AA	19970424	CA19962188487	19961022
CA2188487 C	20000328	CA19962188487	19961022
DE69631504 D1	20040318	DE19966031504	19961023
DE69631504 T2	20040923	DE19966031504T	19961023
EP0770969 A2	19970502	EP19960117004	19961023
EP0770969 A3	20010425	EP19960117004	19961023
EP0770969 B1	20040211	EP19960117004	19961023
US5861618 A	19990119	US19950553730	19951023

Priority:

CA19962188487 19961022 US19950553730 19951023

Probable Assignee:

PITNEY BOWES INC

Assignee(s): (std):

PITNEY BOWES ; PITNEY BOWES INC

Assignee(s):

BERSON WILLIAM

Inventor(s): (std):

BERSON WILLIAM

Agent(s):

SIM AND MCBURNEY

Designated states:

DE FR GB

Title: BEVERAGE ACCESSORY DEVICE

Abstract: Source: US2003026088A A beverage accessory device having a housing with a cavity therein, a buoyant filler within the cavity, a buoyancy-reducing feature to incrementally decrease the buoyancy of the device, a straw receptacle attached to the housing, and a switchable light-source within the cavity.

Classifications:

International (ipc 8-9): A42B1/06 A42B1/24 A47G19/22 A47G21/18 A47J47/00 A47J47/01 B44F1/06 B65D85/86 F21V1/10 F21V3/00 F21V31/00 F21V33/00 F25D3/08 F41G1/34

G09F21/02 (Advanced/Invention);

A42B1/00 A42B1/04 A47G19/22 A47G21/00 F21V3/00 F21V31/00 F21V33/00 F41G1/00 G09F21/00 (Core/Invention)

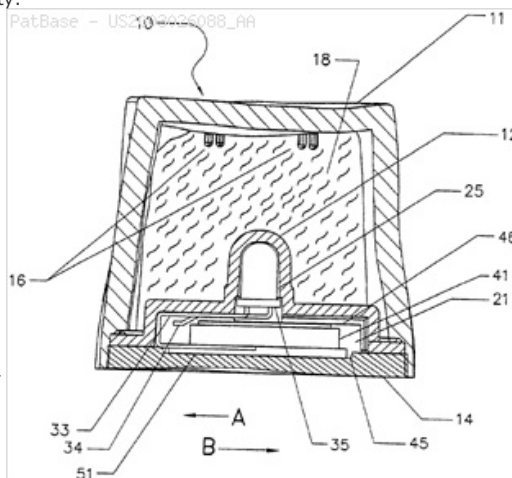
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CPC: Y10S362/802 F21V33/0036 F25D27/00 F25D2303/08223 A42B1/244 A42B1/062 A63H27/10 A63H33/22 A63H2027/1041 A63H2027/1058 B44C5/005 F21V3/023 F21V2200/10 F21W2121/00 G02B6/0008 G09F21/10 F21S9/02 F21S9/03 F21V9/16 F21V23/04 F21V31/04 F21V33/0028 A47G19/2222 A47G19/2227 A47G21/182 A47G2019/2238 A47G2200/08 F21Y2115/10

European: A42B1/06B2 A42B1/24B A47G19/22B4 A47G19/22B6 A47G21/18E A63H27/10 A63H33/22 B44C5/00B F21V1/10 F21V23/04 F21V3/02F F21V31/04 F21V33/00A4B F21V33/00A4D G02B6/00L4E G09F21/10 K47G19/22B6L K47G200/08 K63H27/10H K63H27/10L R21S9/02 R21S9/03 R21V8/00A R21V9/16 R21W121/00 R21Y101/02 R25D27/00 R25D303/08223

US: 250/462.1 362/101 362/101P 362/154 362/154P 362/158 362/183 362/205 362/234 362/253 362/276 362/294 362/318 362/394 362/802 362/96 43/17.5 441/16 441/17 441/17.5 441/29 441/43 D26/125

Locarno class: 26/99 11/02

**Family:**

Publication number	Publication date	Application number	Application date
AT311134 E	20051215	AT20010939305T	20010523
AU2001264836 AA	20020213	AU20010264836	20010523
AU200164836 A5	20020213	AU20010064836	20010523
AU2003281330 AA	20040123	AU20030281330	20030627
CA2486705 AA	20041222	CA20032486705	20030627
CA2486705 C	20050830	CA20032486705	20030627
CN101410031 A	20090415	CN200480021927	20040614
CN101410031 B	20120822	CN200480021927	20040614
CN1176316 C	20041117	CN20018010022	20010523
CN1430713 A	20030716	CN20018010022	20010523
CN1619207 A	20050525	CN200410087905	20010523
CN1678867 A	20051005	CN20038020844	20030627
CN201196406 Y	20090218	CN200720156313U	20070716
CN201215459 Y	20090401	CN200590000092U	20051123
CN300686915 D	20070905	CN200630130124F	20060526
CN300698339 D	20071010	CN200630130129F	20060526
CN300701002 D	20071017	CN200630123310F	20060616
CN3645988 D	20070516	CN200630130128F	20060526
CN3673494 D	20070725	CN200630130130F	20060526
DE20122176 U1	20040805	DE20012022176U	20010523
DE60115468 D1	20060105	DE20016015468	20010523
DE60115468 T2	20060803	DE20016015468T	20010523
EP1313986 A1	20030528	EP20010939305	20010523
EP1313986 A4	20040421	EP20010939305	20010523
EP1313986 B1	20051130	EP20010939305	20010523
EP1552217 A1	20050713	EP20030742325	20030627
EP1552217 A4	20080618	EP20030742325	20030627
GB200304307 A0	20030402	GB20030004307	20010523
GB200326549 A0	20031217	GB20030026549	20010523
GB2381575 A1	20030507	GB20030004307	20010523
GB2381575 B2	20040211	GB20030004307	20010523
GB2392973 A1	20040317	GB20030026549	20010523
GB2392973 B2	20040623	GB20030026549	20010523
HK1058227 A1	20060609	HK20030108736	20031128
HK1076856 A3	20060127	HK20050111189	20051207
HK1089226 A3	20061124	HK20060109579	20060829
TW200400803 A	20040116	TW20020132730	20021106
TW1254622 B	20060511	TW20020132730	20021106
US2003026088 AA	20030206	US20020189822	20020703
US2005073833 AA	20050407	US20040998347	20041124
US2006227537 AA	20061012	US20060454222	20060616
US2008273319 AA	20081106	US20080174148	20080716
US6416198 BA	20020709	US20000627961	20000728
US6824289 BB	20041130	US20020189822	20020703
US7063432 BB	20060620	US20040998347	20041124
US7401935 BB	20080722	US20060454222	20060616
USD547899 S1	20070731	US20050243639F	20051129
USD550393 S1	20070904	US20050243622F	20051129

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USD550395 S1	20070904	US20050243640F	20051129
USD550396 S1	20070904	US20060251536F	20060109
USD558387 S1	20071225	US20060261079F	20060607
WO0210642 A1	20020207	WO2001US16640	20010523
WO04005796 A1	20040115	WO2003US20521	20030627
WO06058208 A1	20060601	WO2005US42741	20051123

Priority:

EP20010939305	20010523	GB20030004307	20010523	US20000627961F	20000728
US20020189822	20020703	US20000627961	20000728	US19990154424P	19990917
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US20040797251	20040310	US20040851510	20040521	US20030510778P	20031010
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US20070948092	20071130	US20060442625	20060526	US20080018104	20080122
US20060486718	20060714	US20060483442	20060710	US20080174148	20080716
WO2003US20521	20030627	WO2001US16640	20010523	US20060454222	20060616
US20060261079F	20060607	WO2004US19961	20040614		

Probable Assignee: LITECUBES LLC

Assignee(s): (std): CARL R VANDERSCHUIT ; CARL R VANDERSHUIT ; LITECUBE LLC ; VANDERSCHUIT CARL R ; VANDERSCHUIT CARL RICHARD

Assignee(s): LITECUBES LLC ; CARL RICHARD VANDERSCHUIT

Inventor(s): (std): VANDERSCHUIT CARL RICHARD ; SCHUIT CARL VANDER ; VANDERSCHUIT CARL R ; CARL R VANDERSCHUIT

Inventor(s): VANDERSCHUIT CARL ; CARL RICHARD VANDERSCHUIT ; CARL VANDER SCHUIT

Agent(s): GOWLING LAFLEUR HENDERSON LLP; HARNESS DICKEY AND PIERCE PLC; ANTHONY G FUSSNER

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

Title: Glowable and endothermic sleeve for beverage container

Abstract: Source: US6701720B A sleeve or a wrapper is used to keep liquid contained in a container, such as a glass or bottle or can, cool. The sleeve contains materials that generate light when activated and chemicals that absorb heat when combined. The light is generated in an upper portion of the sleeve while heat is absorbed in a lower portion of the sleeve. The sleeve can be re-used by storing the sleeve in a refrigerator or freezer after the initial use which does not require such pre-cooling.

Classifications:

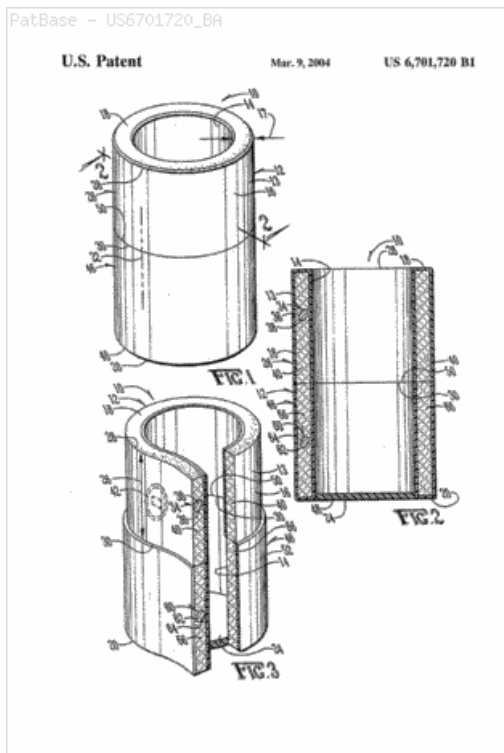
International (IPC 8-9): F25D3/08 F25D5/02 (Advanced/Invention)

International (IPC 1-7): F25B21/00 F25D5/00

CPC: F25D3/08 F25D5/02 F25D2303/0831 F25D2303/0841
F25D2303/0843 F25D2331/803 F25D2331/805 F25D2331/808
F25D2331/809

European: F25D3/08 F25D5/02 R25D303/0831 R25D303/0841
R25D303/0843 R25D331/803 R25D331/805 R25D331/808
R25D331/809

US: 62/4 62/457.9



Family:

Publication number	Publication date	Application number	Application date
US6701720 BA	20040309	US20030418866	20030421

Priority:

US20030418866 20030421

Probable Assignee:

STONE KEVIN M

Assignee(s):

STONE KEVIN M ; STONE RENEE

Inventor(s): (std):

STONE KEVIN M ; STONE RENEE

Title: PACKAGING FILM FOR PRODUCT AUTHENTICATION, AUTHENTICATION METHOD AND SYSTEM

Abstract: Source: US2011164748A A packaging film which contains pigment particles randomly distributed in a low surface-area density is used for the authentication of products. An imaging device is used to record a first digital image of a packaged product. The positional coordinates, and optionally the color values, of the pigment particles contained in the packaging film are determined from the digital image by means of a computer program and an identification code is calculated from the coordinate or color values and stored in a database. To authenticate the product at a later time, a second digital image is recorded and a test code is determined and compared with the recorded identification code.

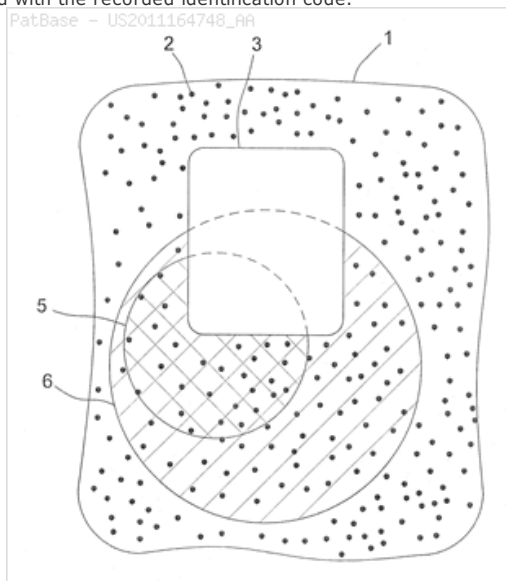
Classifications:

International (IPC 8-9): B32B1/02 B32B5/16 B44F1/12 B65D65/02 C08J5/18 C09K11/00 G06F11/00 G06F12/14 G06F12/16 G06K19/06 G06K9/62 G08B23/00 G09F3/00 H04N1/44 (Advanced/Invention); B65D65/02 G06K19/06 (Core/Invention)

CPC: Y10T428/1345 Y10T428/249921 Y10T428/25 B65D65/02 B65D2203/10 G06K19/06037 G06K19/086

European: B65D65/02 G06K19/06C3 G06K19/08C2 L65D203/10

US: 380/243 380/243P 428/221 428/221S 428/323 428/323S 428/35.5 428/35.500S 726/32



Family:

Publication number	Publication date	Application number	Application date
CN102089221 A	20110608	CN200980126792	20090702
CN102089221 B	20130626	CN200980126792	20090702
DE102008032781 A1	20100121	DE200810032781	20080711
DE502009002582 D1	20120329	DE200950002582T	20090702
EP2318286 A1	20110511	EP20090776915	20090702
EP2318286 B1	20120125	EP20090776915	20090702
ES2378807 T3	20120418	ES20090776915T	20090702
IN00157CN2011 A	20110923	IN2011CN00157	20110110
PT2318286 T	20120315	PT20090776915T	20090702
RU2011105020 A	20120820	RU20110105020	20090702
RU2490191 C2	20130820	RU20110105020	20090702
US2011164748 AA	20110707	US20090997895	20090702
US8578509 BB	20131105	US20090997895	20090702
WO10003585 A1	20100114	WO2009EP04771	20090702

Priority:

DE200810032781 20080711 EP20090776915 20090702 WO2009EP04771 20090702

Probable Assignee: KLOECKNER PENTAPLAST GMBH AND CO KG

Assignee(s): (std): EGENOLF WALTER ; KLEKNER PENTAPLAST GMBH U KO KG ; KLOECKNER PENTAPLAST GMBH AND CO ; SCHMIDT BERND ; ZISTJAKOVA TAMARA ; KOHLERT CHRISTIAN ; KLOECKNER PENTAPLAST GMBH AND CO KG

Assignee(s): KLEKNER PENTAPLAST GMBH U KOKG ; KLOCKNER PENTAPLAST GMBH AND CO KG ; KLOECKNER PENTAPLAST GMBH

Inventor(s): (std): BERND SCHMIDT ; CHRISTIAN KOHLERT ; EGENOLF WALTER ; EHENOLF VAL TER ; KOHLERT CHRISTIAN ; KOLERT KHRISTIAN ; SCHMIDT BERND ; SHMIDT BERND ; TAMARA ZISTJAKOVA ; WALTER EGENOLF ; ZISTJAKOVA TAMARA

Agent(s): PLATE SCHWEITZER ZOUNEK PATENTANWALTE; PLATE JUERGEN; PROPAT LLC; PLATE JUERGEN 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 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: Wirkstoffkapsel fuer Dentalreinigungsstationen Active substance cap for Dentalreinigungsstationen (Machine translation)

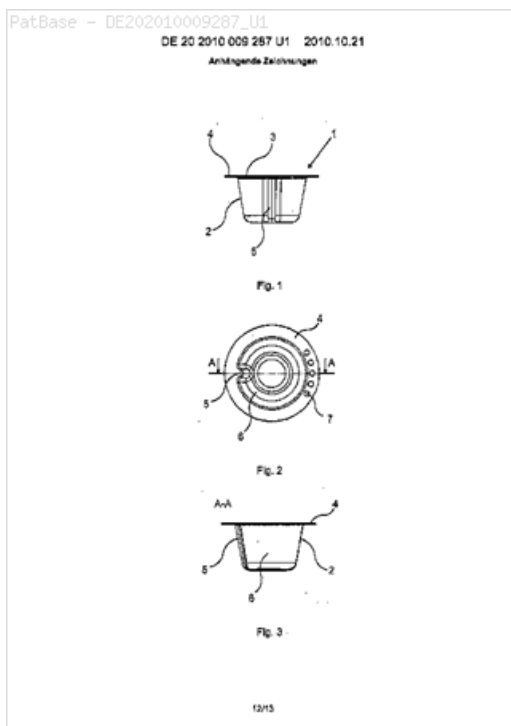
Abstract: Source: DE202010009287U1 (Claim 1) 1. Kapsel (1) zum Einsatz in einer Vorrichtung zur Reinigung und/oder Pflege von Zaehnen und/oder Zahnfleisch, wobei die Kapsel (1) zumindest eine Kavitaet (6, 6a, 6b, 6c) zur Aufnahme fester und/oder fluessiger Dentalreinigungssubstanzen und/oder Dentalpflegesubstanzen aufweist. (Claim 1) 1. Cap (1) for the application in a device to the cleaning and/or care of teeth and/or gums, whereby at least the cap (1) exhibits a cavity (6, 6a, 6b, 6c) for the admission of firm and/or liquid Dentalreinigungssubstanzen and/or Dentalpflegesubstanzen.

Classifications:

International (IPC 8-9): A61C17/14 (Advanced/Invention)

CPC: A61C17/0202 A61C17/0205 A61C2202/00 B65D85/8043 B65D2203/10 B65D2203/12

European: A61C17/02B A61C17/02C K61C202/00 L65D203/10 L65D203/12 L65D85/804B



Family:

Publication number	Publication date	Application number	Application date
DE202010009287 U1	20100916	DE201020009287U	20100618

Priority:

DE201020009287U 20100618

Probable Assignee:

JOHNKI BERND J

Assignee(s): (std):

JOHNKI BERND J

Title: APPARATUS AND METHOD FOR PREPARING A LIQUID MIXTURE

Abstract: Source: US2011110180A A mixing apparatus, puncturing mechanism, and cartridge are disclosed. The mixing apparatus has a housing and a drawer with a recess. Corresponding cartridges may be inserted into the drawer and slid into the housing to facilitate mixing a liquid with contents of the cartridge. The liquid may originate from a reservoir in the mixing apparatus or a direct line. Also inside the housing of the mixing apparatus is the puncturing mechanism. The puncturing mechanism has a nozzle configured to puncture a lid of a cartridge and inject liquid to mix with the contents of the cartridge. The puncturing mechanism is further configured to drive an internal puncturing unit inside of the cartridge through a lower portion of the cartridge to allow liquid from the nozzle and contents of the cartridge to be dispensed into a receptacle.

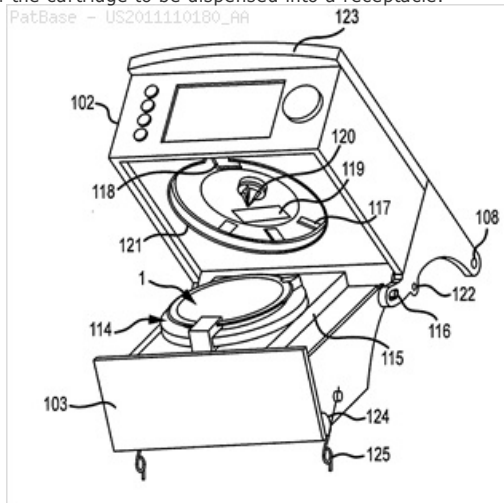
Classifications:

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CPC: B01F3/08 B01F5/20 B01F15/04 A47J31/40 A47J31/407 B01F3/20 B01F3/2078 B01F15/00253 B01F2001/0061 B65D85/8043 B01F1/0027 B01F15/00318 B65D2203/06 B01F1/0033

European: A47J31/40H B01F1/00F2B B01F15/00K4 B01F3/20 B01F3/20K B65D85/804B K47J31/40 L01F1/00S4A

US: 1/1 222/541.2 222/541.200S 222/85 222/85S 366/142 366/142P 366/145 366/145S 366/148 366/148S 366/152.1 366/152.100S 366/167.1 366/167.100S

**Family:**

Publication number	Publication date	Application number	Application date
AU2010319379 AA	20110519	AU20100319379	20101112
AU2010319379 BB	20160811	AU20100319379	20101112
AU2016250501 AA	20161117	AU20160250501	20161031
CA2780638 AA	20110519	CA20102780638	20101112
CA2780638 C	20150505	CA20102780638	20101112
CN102770199 A	20121107	CN201080055290	20101112
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CN105942862 A	20160921	CN201610286666	20101112
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EP2498900 A4	20130501	EP20100830811	20101112
HK1177604 A1	20170505	HK20130105468	20130507
IL219729 A0	20120731	IL20100219729	20101112
IN04363CN2012 A	20140221	IN2012CN04363	20120517
JP2013510680 T2	20130328	JP20120539027T	20101112
JP2015171534 A2	20151001	JP20150068335	20150330
JP6105662 B2	20170329	JP20150068335	20150330
KR101542293 B1	20150806	KR20127015032	20101112
KR20120085312 A	20120731	KR20127015032	20101112
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MX341564 B	20160825	MX20120005536	20101112
MY156548 A	20160226	MY20120002082	20101112
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NZ701718 A	20160930	NZ20100701718	20101112
RU2012123968 A	20131220	RU20120123968	20101112
RU2506034 C1	20140210	RU20120123968	20101112
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US2016346743 AA	20161201	US20160166028	20160526
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WO11060292 A2	20110519	WO2010US56579	20101112
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ZA201203734 A	20130227	ZA20120003734	20120522

Priority:

AU20100319379	20101112	AU20160250501	20161031	JP20120539027	20101112
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NZ20100599927	20101112	US20160166028	20160526		

Probable Assignee: FORMULANOW LLC

Assignee(s): (std): DZHENEREJSHN AJ DI I EHJ EHLEHLSI ; FORMULANOW LLC ; SNIDER DOUGLAS ; LAMB AARON ; LAMB NIKKI ; GENERATION I D E A LLC

Assignee(s): GENERATION IDEA LLC ; GENERATION IDEA ; GENERATION I D E A ; DZHENEREJSHN AJDIEHJ

Inventor(s): (std): AARON LAMB ; DOUGLAS SNIDER ; LAMB AARON ; LAMB NIKKI ; LEHMB AARON ; LEHMB NIKKI ; NIKKI LAMB ; SNAJDER DUGLAS ; SNIDER DOUGLAS

Agent(s): PIPERS PATENT ATTORNEYS; PIPERS; OYEN WIGGS GREEN AND MUTALA LLP; KLUNKER SCHMITT NILSON HIRSCH; NOMURA YASUHISA; OSUGA YOSHIYUKI; OSUGA AND ASSOCIATES; DORSEY AND WHITNEY LLP; DORSEY AND WHITNEY LLP 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 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

Title: METHOD FOR PROVIDING INFORMATION TO A USER FROM A CAPSULE FOR THE PREPARATION OF A BEVERAGE USING A CODE

Abstract: Source: US2012295234A Method for providing information to a user from a capsule for the preparation of a beverage in a beverage producing device (20) comprising providing a capsule with a two-dimensional barcode (7) thereon, capturing at least one image of the barcode via a digital camera (42) and displaying decoded information from said image on a display (41).

Classifications:

International (IPC 8-9): A47J A47J31/06 A47J31/34 A47J31/36 A47J31/44 B65D85/804 G06K19/06 G06K7/00 G06K7/14

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A47J31/00 B65D85/00 G06K19/00 (Core/Invention);

A47J (Subclass/Invention)

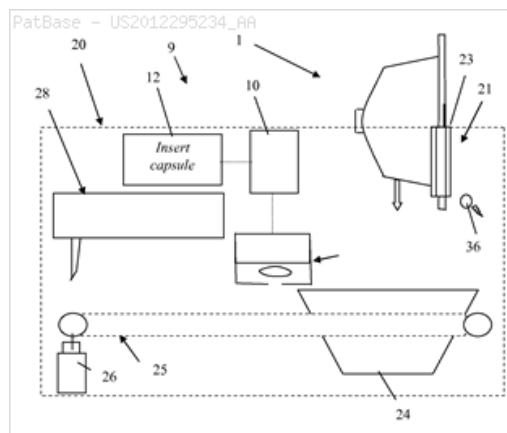
International (IPC 1-7): A47J31/00

CPC: B65D85/8043 A47J31/3623 A47J31/4492 B65D2203/06

A47J31/00 A47J31/36 B65D85/804 G06K19/06 G06K19/06028

European: A47J31/36A4 A47J31/44H L65D203/06

US: 434/127



Family:

Publication number	Publication date	Application number	Application date
AR079927 AA	20120229	AR2011P100161	20110118
AU2011208837 AA	20110728	AU20110208837	20110112
AU2011208837 BB	20151105	AU20110208837	20110112
BR112012017862 A2	20160419	BR20121117862	20110112
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CL51751 B	20160115	CL20120002011	20120719
CN102711566 A	20121003	CN201180006330	20110112
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EP2345352 A1	20110720	EP20100151020	20100119
EP2525692 A1	20121128	EP20110701040	20110112
EP2525692 B1	20140305	EP20110701040	20110112
ES2457597 T3	20140428	ES20110701040T	20110112
HR20140388 T1	20140606	HR20140000388	20140429
IL220643 A0	20120830	IL20110220643	20110112
IL220643 A1	20150730	IL20110220643	20110112
IN06208DN2012 A	20150925	IN2012DN06208	20120712
JP2013517028 T2	20130516	JP20120548418T	20110112
JP5793151 B2	20151014	JP20120548418T	20110112
KR20120121902 A	20121106	KR20127021660	20110112
MX2012008249 A1	20120803	MX20120008249	20110112
PT2525692 T	20140410	PT20110701040T	20110112
RU2012135554 A	20140227	RU20120135554	20110112
SG10201503100V A1	20150629	SG20151003100	20110112
SG181948 A1	20120730	SG20120047338	20110112
SI2525692 T1	20140430	SI20110030131T	20110112
UA108228 C2	20150410	UA20120100019	20110112
US2012295234 AA	20121122	US20110522537	20110112
WO11089049 A1	20110728	WO2011EP50323	20110112

Priority:

EP20100151020 20100119 EP20110701040 20110112 WO2011EP50323 20110112

Probable Assignee: NESTEC SA

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Assignee(s): NESTEC S A

Inventor(s): (std): DENISART JEAN LUC ; EPARS YANN ; JEAN LUC DENISART ; ROGNON VINCENT ; VINCENT ROGNON ; YANN EPARS

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; BORDEN LADNER GERVAIS LLP; ESTUDIO HARNECKER CAREY LTDA; MITSCHERLICH PATENT U RECHTSANWAELTE PARTMBB; BORNE PATRICE DANIEL; SCHULLER CORNELIS; ISERN JORGE; DR YITZHAK HESS AND PARTNERS; ONE LEGAL LLC; NESTEC S A

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

Title: CAPSULE SENSING SYSTEM

Abstract: Source: US2013099597A A brewing unit (1) of a beverage preparation machine has: a seat (11) for receiving a capsule (2) comprising an electrically conductive material (21, 22, 23, 24); and a capsule sensing electric circuit with first and second electric connectors (A, B). The first electric connector (A) and the second electric connector (B) are electrically connected through the electrically conductive material of the capsule (2) when the capsule is present in the seat (11) and electrically disconnected when the capsule is not in the seat so as to close and interrupt, respectively, the capsule sensing electric circuit (A, Aa, a, B, Bb, b, abc).

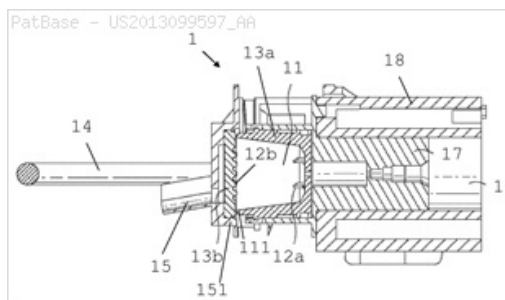
Classifications:

International (IPC 8-9): A47J31/06 A47J31/34 A47J31/44 A47J31/52 B65D85/804 H01H35/00 (Advanced/Invention)

CPC: A47J31/44 H01H35/00 A47J31/4492 A47J31/52 B65D85/8043 Y10T307/766

European: A47J31/44 A47J31/44H A47J31/52 B65D85/804B

US: 1/1 307/116 99/285

**Family:**

Publication number	Publication date	Application number	Application date
AU2011273676 AA	20120105	AU20110273676	20110623
AU2011273676 BB	20151029	AU20110273676	20110623
BR112012033353 A2	20161129	BR20121133353	20110623
CA2803217 AA	20121219	CA20112803217	20110623
CN103025216 A	20130403	CN201180036503	20110623
CN103025216 B	20160330	CN201180036503	20110623
DE602011020812 D1	20151203	DE201160020812T	20110623
EP2584945 A2	20130501	EP20110726844	20110623
EP2584945 B1	20151021	EP20110726844	20110623
IN11417DN2012 A	20141031	IN2012DN11417	20121231
JP2013529524 T2	20130722	JP20130517202T	20110623
RU2013103514 A	20140810	RU20130103514	20110623
US2013099597 AA	20130425	US20110806288	20110623
US9392902 BB	20160719	US20110806288	20110623
WO12000878 A2	20120105	WO2011EP60544	20110623
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Priority:

EP20100167463 20100628 EP20110726844 20110623 WO2011EP60544 20110623

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Assignee(s): NESTEC S A

Inventor(s): (std): BOUZIAD YUCEF AIT ; PERENTES ALEXANDRE ; YOAKIM ALFRED ; AIT BOUZIAD YUCEF

Inventor(s): ALEXANDRE PERENTES ; ALFRED YOAKIM ; YUCEF AIT BOUZIAD

Agent(s): SHELSTON IP; SHELSTON IP PTY LTD; BORDEN LADNER GERVAIS LLP; MITSCHERLICH PATENT U RECHTSANWALTE PARTMBB; SIVIER DAMIEN; K AND L GATES LLP

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

Title: SUBSTANTIALLY RIGID COLLAPSIBLE LINER, CONTAINER AND/OR LINER FOR REPLACING GLASS BOTTLES, AND ENHANCED FLEXIBLE LINERS

Abstract: Source: US2013193164A The present disclosure relates to a blow-molded, rigid collapsible liner that can be suitable particularly for smaller storage and dispensing systems. The rigid collapsible liner may be a stand-alone liner, e.g., used without an outer container, and may be dispensed from a fixed pressure dispensing can. Folds in the rigid collapsible liner may be substantially eliminated, thereby substantially reducing or eliminating the problems associated with pinholes, weld tears, and overflow. The present disclosure also relates to systems and liners, including the liners just mentioned, that may be used as alternatives to, or replacements for, simple rigid-wall containers, such as those made of glass. Such advantageous systems and liners may replace simple rigid-wall containers in a system for delivering a high purity material to a semiconductor process substantially without modification to an end user's existing pump dispense or pressure dispense systems.

Classifications:

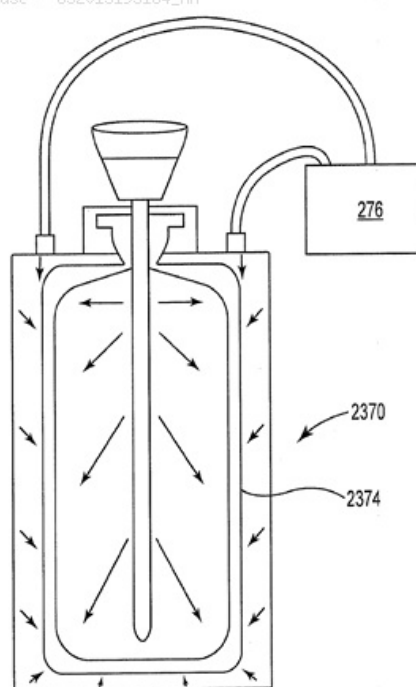
International (IPC 8-9): B01J4/00 B32B1/02 B65D23/00 B65D23/02 B65D25/14 B65D25/16 B65D25/20 B65D25/38 B65D35/28 B65D47/06 B65D77/04 B65D77/06 B65D83/00 B65D85/84 B67D7/06 B67D7/60 (Advanced/Invention); B29L23/00 (Advanced/Non-invention)

CPC: B65D37/00 B32B1/02 B65D25/16 Y10T428/13 B65D77/04 B65D25/14 B65D83/0055 B65D85/84 B29L2023/006

European: B65D25/16

US: 222/105 222/386.5 222/95 428/34.1

PatBase - US2013193164_AA



Family:

Publication number	Publication date	Application number	Application date
CN103347796 A	20131009	CN201180059945	20111010
CN103347796 B	20161109	CN201180059945	20111010
CN106043909 A	20161026	CN201610585604	20111010
EP2627582 A2	20130821	EP20110833189	20111010
EP2627582 A4	20150722	EP20110833189	20111010
JP2013540080 T2	20131031	JP20130533906T	20111010
JP2015205733 A2	20151119	JP20150159896	20150813
KR20130099153 A	20130905	KR20137012062	20111010
KR20160111009 A	20160923	KR20167024980	20111010
SG10201508454W A1	20151127	SG20151008454	20111010
SG189348 A1	20130531	SG20130026885	20111010
TW201228897 A	20120716	TW20110136768	20111011
TW201706190 A	20170216	TW20160136701	20111011
US2013193164 AA	20130801	US20110878930	20111010
WO12051093 A2	20120419	WO2011US55558	20111010
WO12051093 A3	20120712	WO2011US55558	20111010

Priority:

CN201180059945	20111010	JP20130533906T	20111010	US20100405567P	20101021
US20100391945P	20101011	US20100424800P	20101220	JP20150159896	20150813
US20110538509P	20110923	US20110499254P	20110621	US20110484487P	20110510
US20110468547P	20110328	US20110432122P	20110112	WO2011US55558	20111010
US20110878930	20111010				

Probable Assignee: ADVANCED TECHNOLOGY MATERIALS INC

Assignee(s): (std): DURHAM DANIEL J ; ENTEGRIS INC ; NELSON GREG ; KOLAND AMY ; TOM GLENN ; WARE DON ; LIU WEI ; MOMANY TRACY M ; ADVANCED TECH MATERIALS

Assignee(s): ADVANCED TECHNOLOGY MATERIALS INC ; GOLDMAN SACHS BANK USA COLLATERAL AGENT AS

Inventor(s): (std): AMY KOLAND ; DANIEL J DURHAM ; DON WARE ; DURHAM DANIEL J ; KOLAND AMY ; LIU WEI ; MOMANY TRACY M ; NELSON GREG ; TOM GLENN ; TRACY M MOMANY ; WARE DON ; DURHAM DANIEL J ; MOMANY TRACY M ; OLAND AMY ; LIU WEI ; NELSON GREG ; WARE DON

Agent(s): ELSWORTH DOMINIC STEPHEN; DREW AND NAPIER LLC; WITZANY NATHAN J 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: BARCODE FOR A BEVERAGE PREPARATION CAPSULE

Abstract: Source: US2013312619A A beverage preparation system comprising: (i) a capsule (1 1) with side (16), bottom (18) and top (14) walls, said capsule having a shape that is substantially symmetrical around a vertical axis, and said capsule is suitable for containing a beverage preparation ingredient to be dissolved, and/or infused, and/or extracted under pressure, by action of a fluid circulating into said capsule through said ingredient, (ii) a beverage preparation machine (1) suitable for receiving said capsule (11), and circulating said fluid into said capsule, (iii) optionally a capsule holder (9) for holding said capsule (1 1), at least at the time said capsule is disposed into said machine, characterized in that: the machine (1) comprises a linear barcode reader (21) suitable for reading a linear barcode sequence (25) contained in a segment S having a segment length LR, said linear barcode reader (21) being disposed in the machine such that it can read a barcode printed on the capsule while said capsule is being inserted inside said machine, and the capsule (1 1) comprises a barcode sequence (25) that is repeatedly printed along a peripheral path of the capsule, each sequence being disposed in an arc having a linear projected length LS that is inferior to LR and said sequence (25) is composed of dots (26) spaced apart from one another along said arc, such that their projected point images along a linear segment are also spaced apart.

Classifications:

International (IPC 8-9): A47J A47J31/00 A47J31/06 A47J31/36
A47J31/44 B65D85/804 G06K7/10 G06K9/18 (Advanced/Invention);
A47J31/00 B65D85/00 (Core/Invention);

A47J B65D (Subclass/Invention)

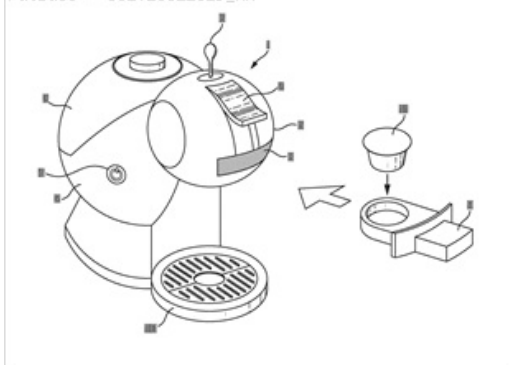
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A47J31/3623 B65D2203/06

European: A47J31/36A4 A47J31/44H B65D85/804B L65D203/06

US: 1/1 426/87 99/295

PatBase - US2013312619_AA

**Family:**

Publication number	Publication date	Application number	Application date
AR085055 AA	20130807	AR2012P100316	20120131
AU2012213479 AA	20120809	AU20120213479	20120131
AU2012213479 BB	20161103	AU20120213479	20120131
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MX2013008840 A1	20130902	MX20130008840	20120131
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UA109700 C2	20150925	UA20130010620	20120131
US2013312619 AA	20131128	US20120982827	20120131
US9320385 BB	20160426	US20120982827	20120131
WO12104301 A1	20120809	WO2012EP51559	20120131
WO12104301 A9	20131114	WO2012EP51559	20120131
ZA201306544 A	20150325	ZA20130006544	20130830

Priority:

EP20110152828 20110201 WO2012EP51559 20120113 WO2012EP51559 20120131

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Assignee(s): NESTEC S A

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Inventor(s): AKOS SPIEGEL ; GERHARD PIRKER

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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 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