

16 Documents

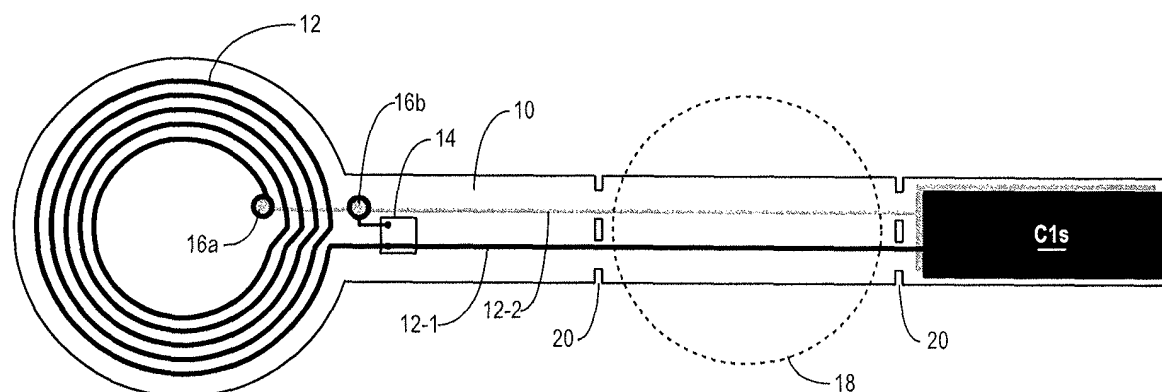
Publication numbers	Title	Current assignees
WO2015177448 A1	Dual-mode anti-counterfeiting tag	WISEKEY SEMICONDUCTORS
WO2014129485 A1	Container	TOPPAN PRINTING
FR2998881 A1	Capping device and implementation method	ARJO SOLUTIONS
WO2009131652 A1	Anti-counterfeiting system	CLOSURE SYSTEMS INTERNATIONAL
WO201063909 A2	Method and device for protecting a container, and tag for implementing same	ADVANCED TRACK & TRACE
US20050162277 A1	Secure product packaging system	MARTINELLI LAWRENCE G, ...
US4432462 A	Receptacle tampering sensor and indicator and method therefor	NEWKIRK RANDALL A, ...
US2361464 A	Article of manufacture	DU PONT DE NEMOURS
US2079757 A	Tear-off cap	BERK SOL K
WO9312513 A1	Security sealing device	ASSA ABLOY
CN205221458U U	Including safe bottle that seals	PERNOD RICARD
US20160063830 A1	Container fraud detection system and method	GLAMUZINA JR STEVEN M, ...
US20090212954 A1	Beverage container authenticity and provenance devices and methods	LEFT BANK VENTURES
WO200849086 A2	Beverage container authenticity and provenance devices and methods	LEFT BANK VENTURES
US20080140432 A1	Verification and data-tracking systems, methods, and devices	VERIFONE
US20070296599 A1	Sealing detection mechanism using RFID tag for container	CHUNG HUA UNIVERSITY

Family 1/16 - FAMPAT - ©Questel

Title

(EP3146642)

Dual-mode anti-counterfeiting tag

Images**Publication data including kind & date**

WO2015177448	A1	2015-11-26	WO2015177448
EP3146642	A1	2017-03-29	EP3146642
US20170193347	A1	2017-07-06	US20170193347
US9934460	B2	2018-04-03	US9934460

**Abstract**

(EP3146642)

The invention relates to an NFC tag including a band-shaped foldable substrate (10); an antenna (12) arranged at a first end of the band; a capacitor (C1a) connected to the terminals of the antenna, arranged at the first end of the band; an impedance (C1b), in particular a capacitor, arranged at the second end of the band; and conductive tracks (40, 42) arranged along the length of the band such as to connect the impedance to the terminals of the antenna.

Inventors

ENGUENT JEAN-PIERRE

BOIRON GHISLAIN

PIC PIERRE

GUIDET TANIA

Latest standardized assignees - inventors removed

WISEKEY SEMICONDUCTORS

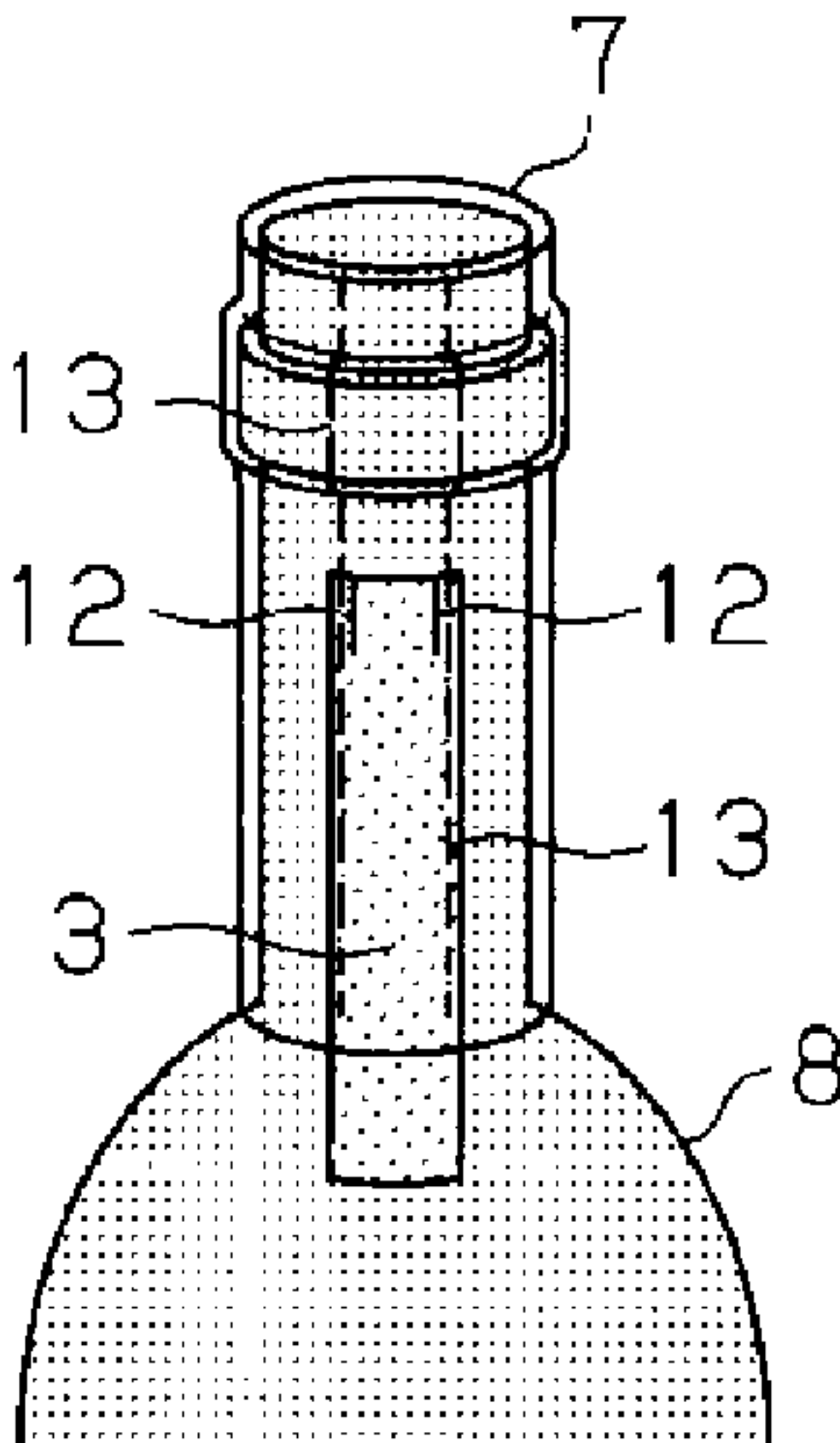
Family 2/16 - FAMPAT - ©Questel

Title

(EP2960834)

Container

Images

**Publication data including kind & date**

WO2014129485	A1	2014-08-28	WO2014129485
CN105009149	A	2015-10-28	CN105009149
US20150353234	A1	2015-12-10	US20150353234



EP2960834	A1	2015-12-30	EP2960834				
EP2960834	A4	2016-10-12	EP2960834				
JPWO2014129485	A1	2017-02-02	JP2014129485W				
US9617038	B2	2017-04-11	US9617038				
JP6265203	B2	2018-01-24	JP6265203				

Abstract

(EP2960834)

This container is provided with a container main body (8), an inlet (3) including a substrate, an IC chip and an antenna, and a covering film (7) that covers a part of an outer surface of the container main body (8) and has a brittle part (13). The brittle part (13) is a part easily torn by an external force than parts other than the brittle part (13) in the covering film (7). At least a part of the inlet (3) is positioned between the covering film (7) and the outer surface of the container main body (8) and adhered to the covering film (7). The brittle part (13) covers at least a part of the antenna.

Inventors

YAGISHITA TOSHIAKI

NAKABAYASHI TAKAMITSU

Latest standardized assignees - inventors removed

TOPPAN PRINTING

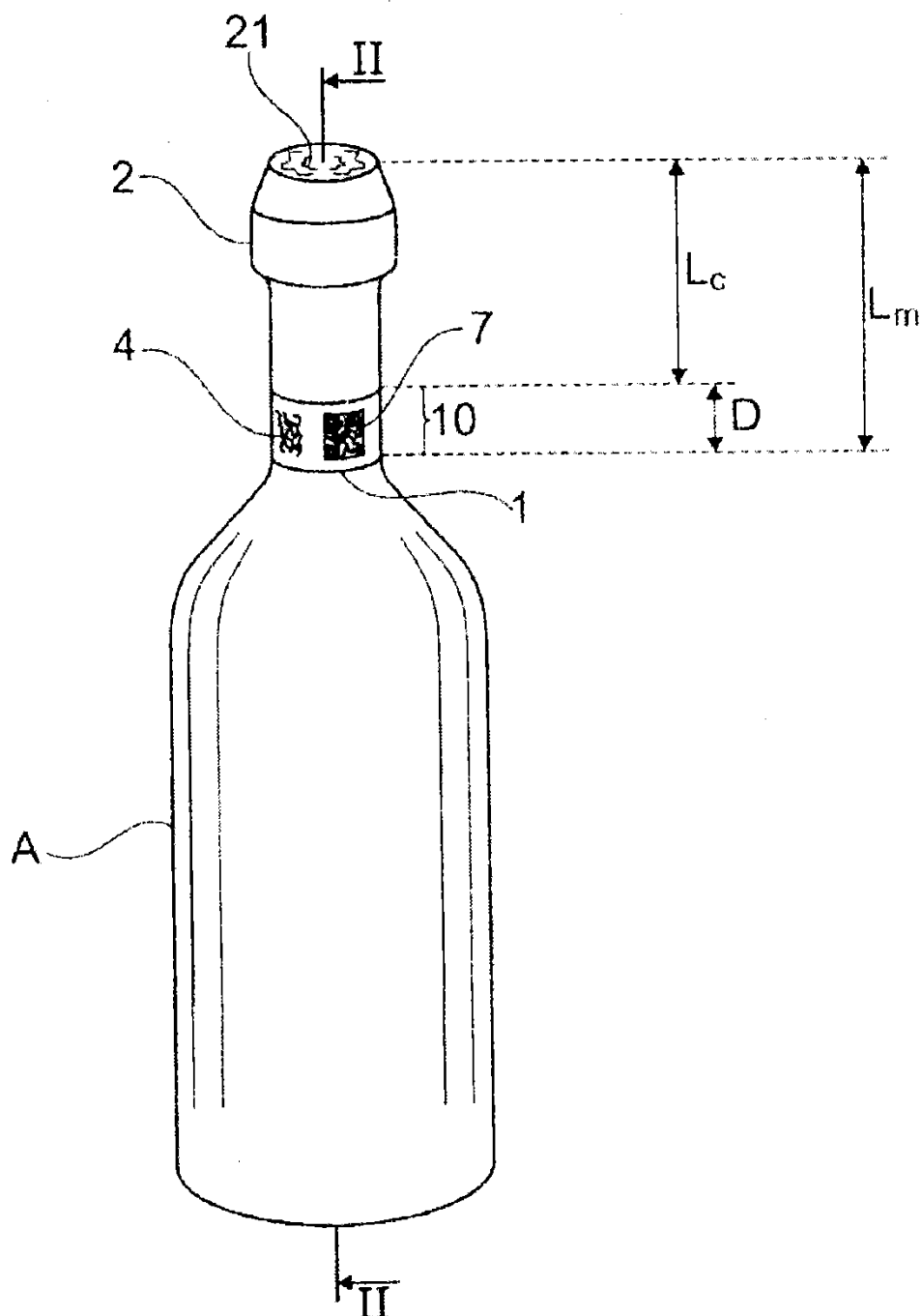
Family 3/16 - FAMPAT - ©Questel

Title

(EP2928786)

Capping device and implementation method

Images



Publication data including kind & date

FR2998881	A1	2014-06-06	FR2998881
WO2014087302	A1	2014-06-12	WO201487302
FR2998881	B1	2015-02-20	FR2998881
AR093702	A1	2015-06-17	AR--93702
CN104968577	A	2015-10-07	CN104968577
EP2928786	A1	2015-10-14	EP2928786
US20160009468	A1	2016-01-14	US20160009468
EP2928786	B1	2016-11-09	EP2928786
ES2614678	T3	2017-06-01	ES2614678
CN104968577	B	2017-07-04	CN104968577B



Abstract

(EP2928786)

The present invention relates to a method for securing a container (A), in particular a bottle, comprising a closure device, in particular a stopper. The method comprises steps in which: a heat-shrinkable security sleeve (1) is shrunk onto a portion of the container (A) and the closure device, in particular over the neck (26) and the stopper of the bottle, said sleeve (1) comprising at least one security element (5, 7, 8); and a capsule (2), in particular made from stamped metal or a metal complex, is fitted over the sleeve (1) in such a way as to only partially cover it, leaving said at least one security element (5, 7, 8) on the sleeve (1) at least partially visible.

Inventors

RANCIEN SANDRINE

Latest standardized assignees - inventors removed

ARJO SOLUTIONS

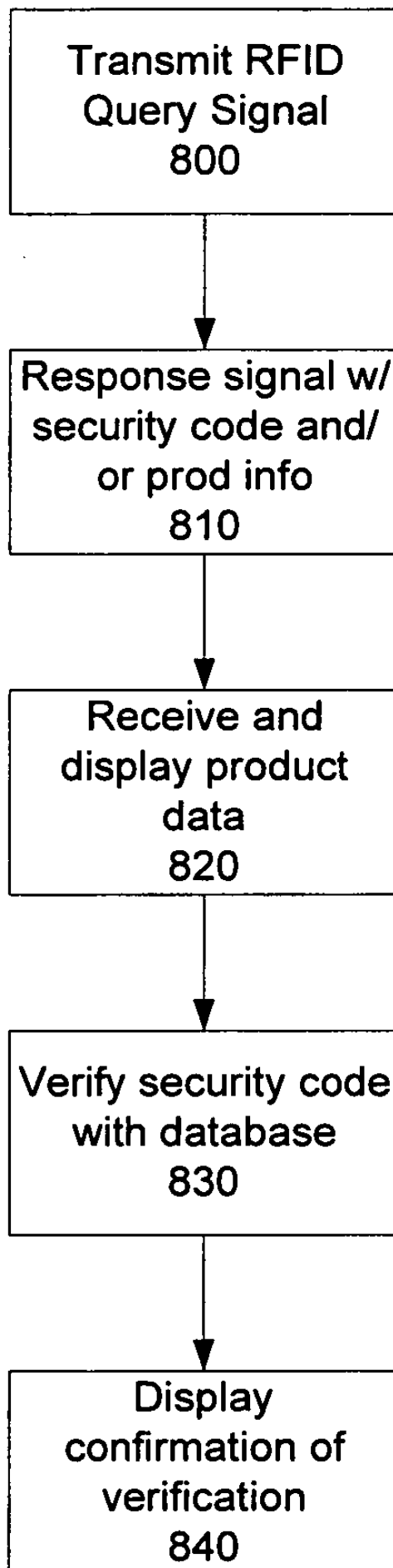
Family 4/16 - FAMPAT - ©Questel

Title

(EP2266105)

Anti-counterfeiting system

Images



Publication data including kind & date

WO2009131652	A1	2009-10-29	WO2009131652				
US20090267729	A1	2009-10-29	US20090267729				
CA2721277	A1	2009-10-29	CA2721277				
AU2009238649	A1	2009-10-29	AU2009238649				
MX2010011533	A	2010-11-12	MX2010011533				
EP2266105	A1	2010-12-29	EP2266105				
CN102027516	A	2011-04-20	CN102027516				
ZA201006950	B	2011-06-29	ZA201006950				
IN6751/CHENP/2010	A	2011-07-01	IN2010CN06751				
EP2266105	A4	2011-07-20	EP2266105				
JP2011521322	A	2011-07-21	JP2011521322				
BRPI0911486	A2	2011-08-30	BR200911486				
RU2010147940	A	2012-05-27	RU2010147940				

Abstract

(EP2266105)

A method and apparatus for verifying the authenticity of, and detecting tampering with, an item is disclosed. An RFID transponder comprises an antenna resonant circuit which is coupled to an associated integrated circuit when the integrated circuit is positioned proximately to the antenna resonant circuit, thereby enabling the integrated circuit to receive and respond to a radiofrequency query signal. The antenna resonant circuit can be integrated with a capsule or other form of removable packaging, such that it is destroyed upon removal of, or tampering with, the packaging.

Inventors

ROWE HARRY

Latest standardized assignees - inventors removed

CLOSURE SYSTEMS INTERNATIONAL

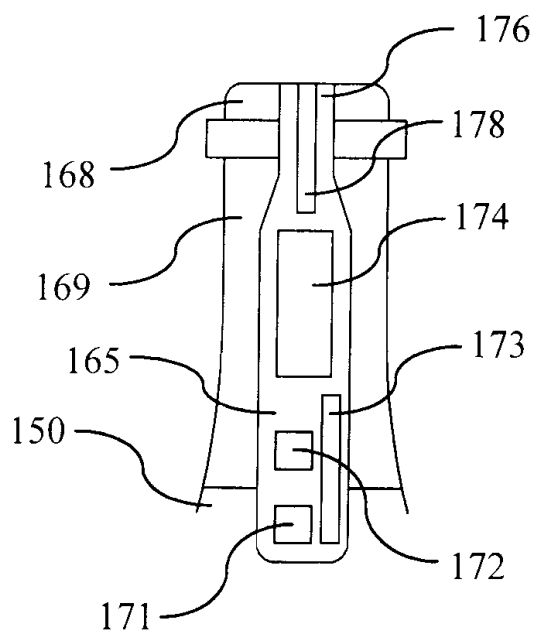
Family 5/16 - FAMPAT - ©Questel

Title

(WO201063909)

Method and device for protecting a container, and tag for implementing same

Images

**Publication data including kind & date**

WO2010063909	A2	2010-06-10	WO201063909
FR2939542	A1	2010-06-11	FR2939542
WO2010063909	A3	2010-07-29	WO201063909
FR2939542	B1	2012-08-03	FR2939542

**Abstract**

(WO201063909)

The tag (165, 166, 167) for protecting a closed container (150) containing a material comprises: at least one preformed weakened area (177) and at least one tamper-resistant security element (171, 172).

Inventors

JORAND LUC

FOUCOU ALAIN

MASSICOT JEAN PIERRE

Latest standardized assignees - inventors removed

ADVANCED TRACK & TRACE

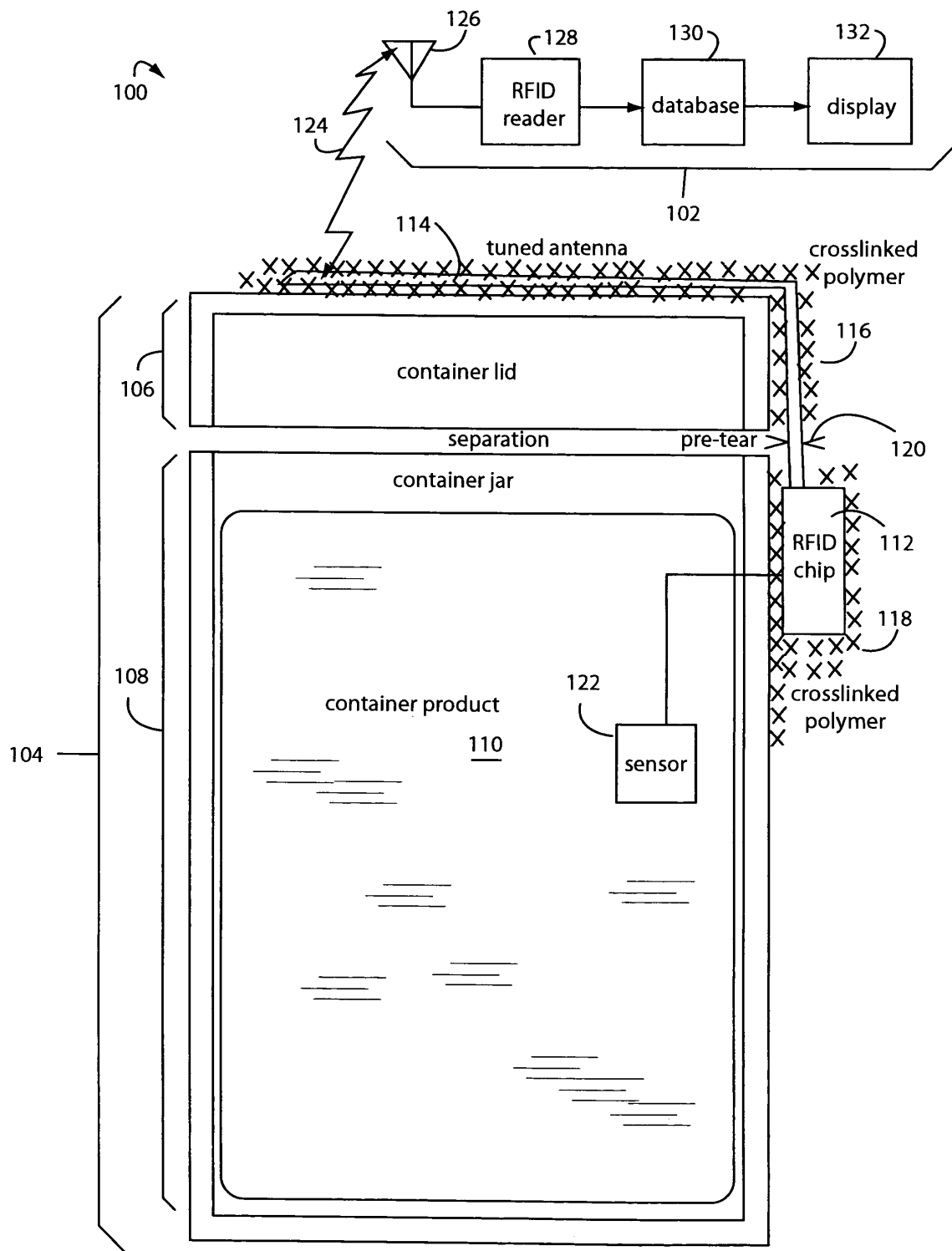
Family 6/16 - FAMPAT - ©Questel

Title

(US7034689)

Secure product packaging system

Images



Publication data including kind & date

[US20050162277](#)

A1 2005-07-28

US20050162277

[US7034689](#)

B2 2006-04-25

US7034689



Abstract

(US7034689)

A product security system includes an RFID chip and antenna that are polymerized onto separable parts of a commercial product package. The RFID chip includes a unique serial number that can be interrogated by a wireless reader. A database of such unique serial numbers associated with particular manufacturing production runs is used in a method to detect counterfeiting. The RFID chip and antenna are embedded such that attempts to remove or transfer them will be obvious to an inspector.

Inventors

TEPLITXKY BERTRAND

MARTINELLI LAWRENCE G

Family 7/16 - FAMPAT - ©Questel

Title

(EP-105971)

Receptacle tampering sensor and indicator and method therefor

Images

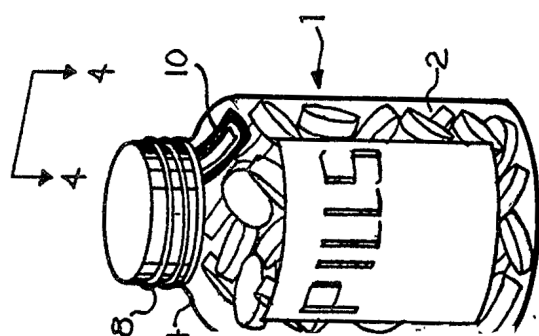


FIG. 1

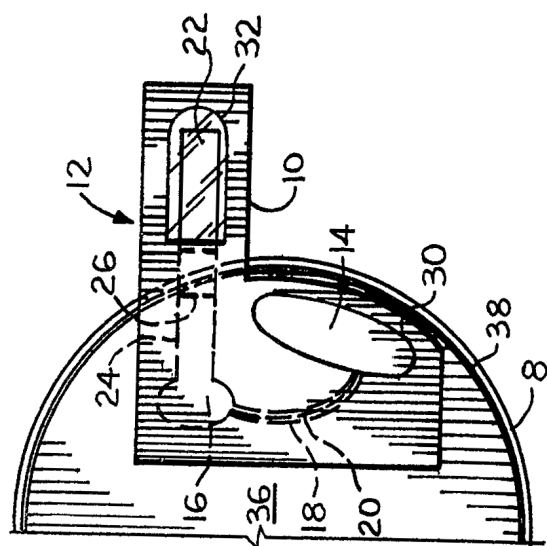


FIG. 2

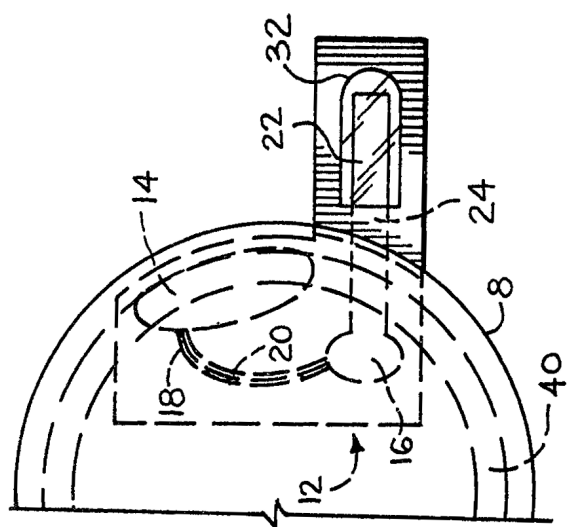


FIG. 4

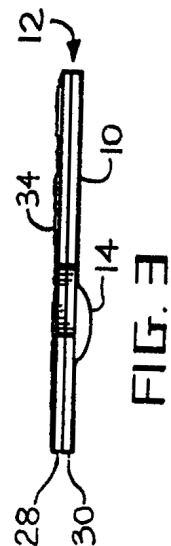


FIG. 3

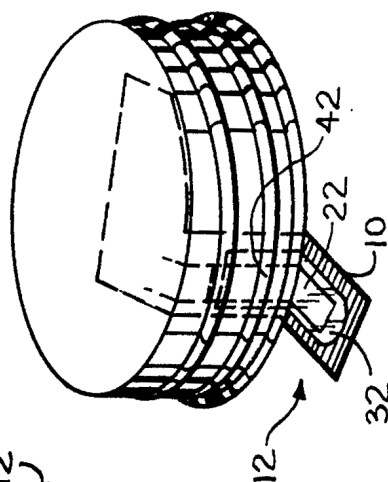


FIG. 5

Publication data including kind & date

US4432462	A	1984-02-21	US4432462
EP0105971	A2	1984-04-25	EP-105971
JPS5974071	A	1984-04-26	JP59074071
CA1188654	A	1985-06-11	CA1188654



[EP0105971](#)

A3 1985-07-31 EP-105971

Abstract

(EP-105971)

A reliable and low cost sensor and indicator (12) to be associated with a receptacle (1) filled with dosage forms (e.g. over-the-counter drugs) and a corresponding method by which to quickly and easily warn a consumer that an unauthorized tampering may have occurred to the receptacle and the contents (2) thereof. The tampering indicator is preferably either attached to or integrally formed with a seal (36) at the underside of a removable receptacle cap (8). The tampering indicator comprises a fluid filled reservoir (14), a tab (10) having a chemically treated indicator strip (22) thereat, and a fluid path (18, 24) by which fluid from the reservoir communicates with the indicator strip. The indicator is engaged by the rim (40) of the receptacle when the cap is positioned thereover by the dosage form manufacturer. Accordingly, fluid is forced from the reservoir into the fluid path. However, the fluid path is initially blocked at the engagement thereof by the receptacle rim. The tab and the indicator strip thereof extend outwardly from beneath the cap of the receptacle for providing the consumer with a visual indication in the event of an unauthorized removal of the cap from the receptacle. That is, should the cap be removed from the receptacle and the fluid path be moved out of engagement with the receptacle rim prior to a purchase by a consumer, whereupon tampering with the contents of the receptacle might occur, fluid from the supply thereof is permitted to flow via the fluid path to the chemically treated strip, whereby to cause the strip to assume a characteristic color that is indicative of a possible tampering condition.

Inventors

NEWKIRK, RANDALL ALAN

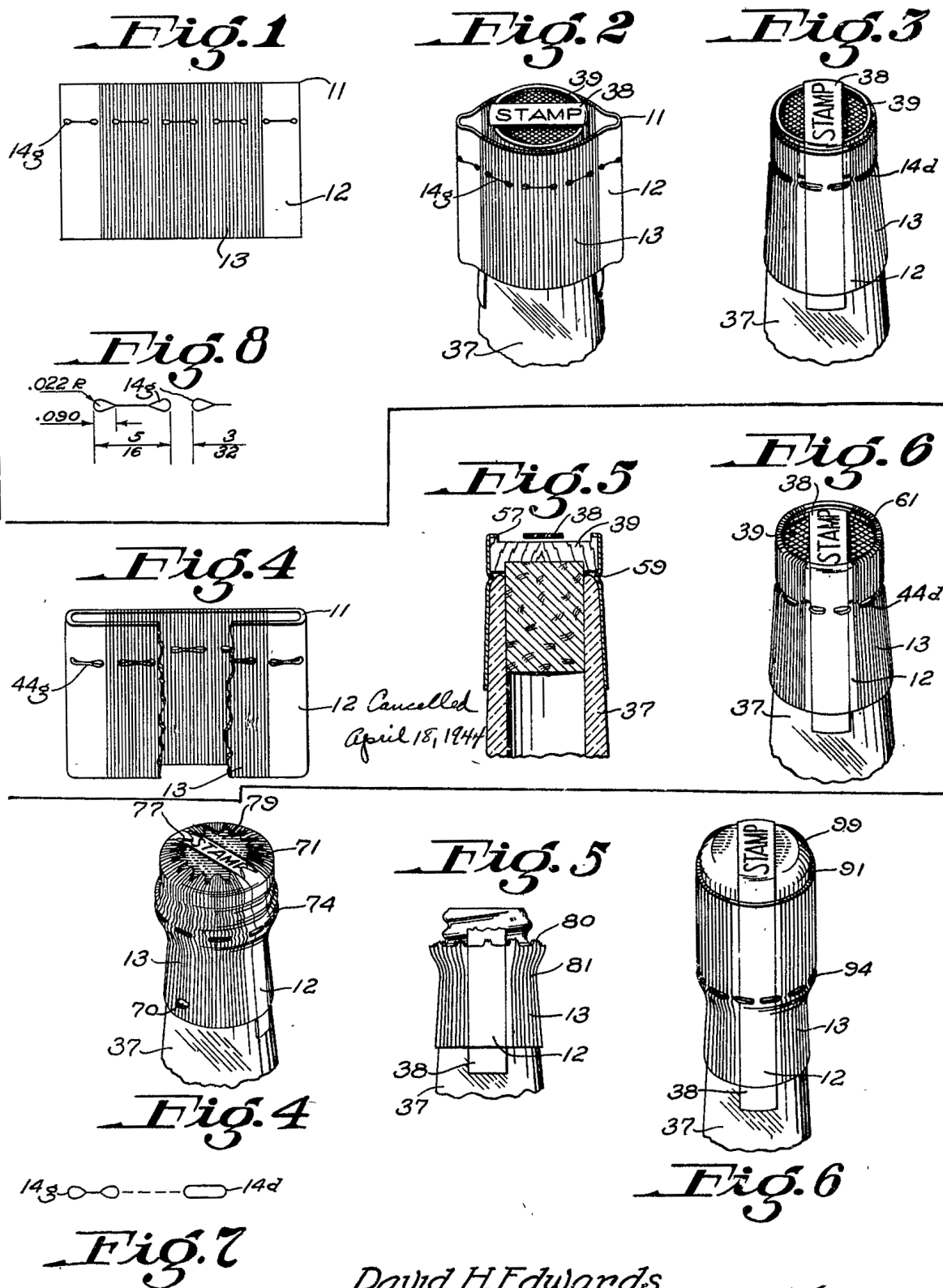
Family 8/16 - FAMPAT - ©Questel

Title

(US2361464)

Article of manufacture

Images



David H. Edwards
Edward O. Mueller

Edward O. Mueller

INVENTORS

B.

ATTORNEY

Publication data including kind & date

US2361464

A 1944-10-31 US2361464

Inventors

EDWARDS DAVID H

MUELLER EDWARD O

Latest standardized assignees - inventors removed

DU PONT DE NEMOURS

Family 9/16 - FAMPAT - ©Questel

Title

(US2079757)

Tear-off cap

Publication data including kind & date[US2079757](#)

A

1937-05-11

US2079757

**Inventors**

BERK SOL K

Family 10/16 - FAMPAT - ©Questel

Title

(EP-617826)

Security sealing device

Images

ES2086137	T3	1996-06-16	ES2086137
DE69209851	T2	1996-09-05	DE69209851
US6050622	A	2000-04-18	US6050622
BRPI9206945	B1	2001-05-02	BR9206945
CA2125786	C	2007-07-31	CA2125786

**Abstract**

(EP-617826)

A security sealing device consisting of a support (1) onto one side of which is bonded an electronic security circuit (2) which mainly consists of a fine wire winding (23) connected to an electronic component (20). The electronic component may be coded so that, when it is activated and read by an external controller via the winding acting as an antenna, it sends out a code. The device may further comprise various adhesive elements (10, 11, 12) so that once the support comprising the security circuit has been applied in order to seal a container, any attempt to peel or tear it off will break the electronic circuit and prevent it from sending out its code when read.

Inventors

GUSTAFSON AKE

Latest standardized assignees - inventors removed

ASSA ABLOY

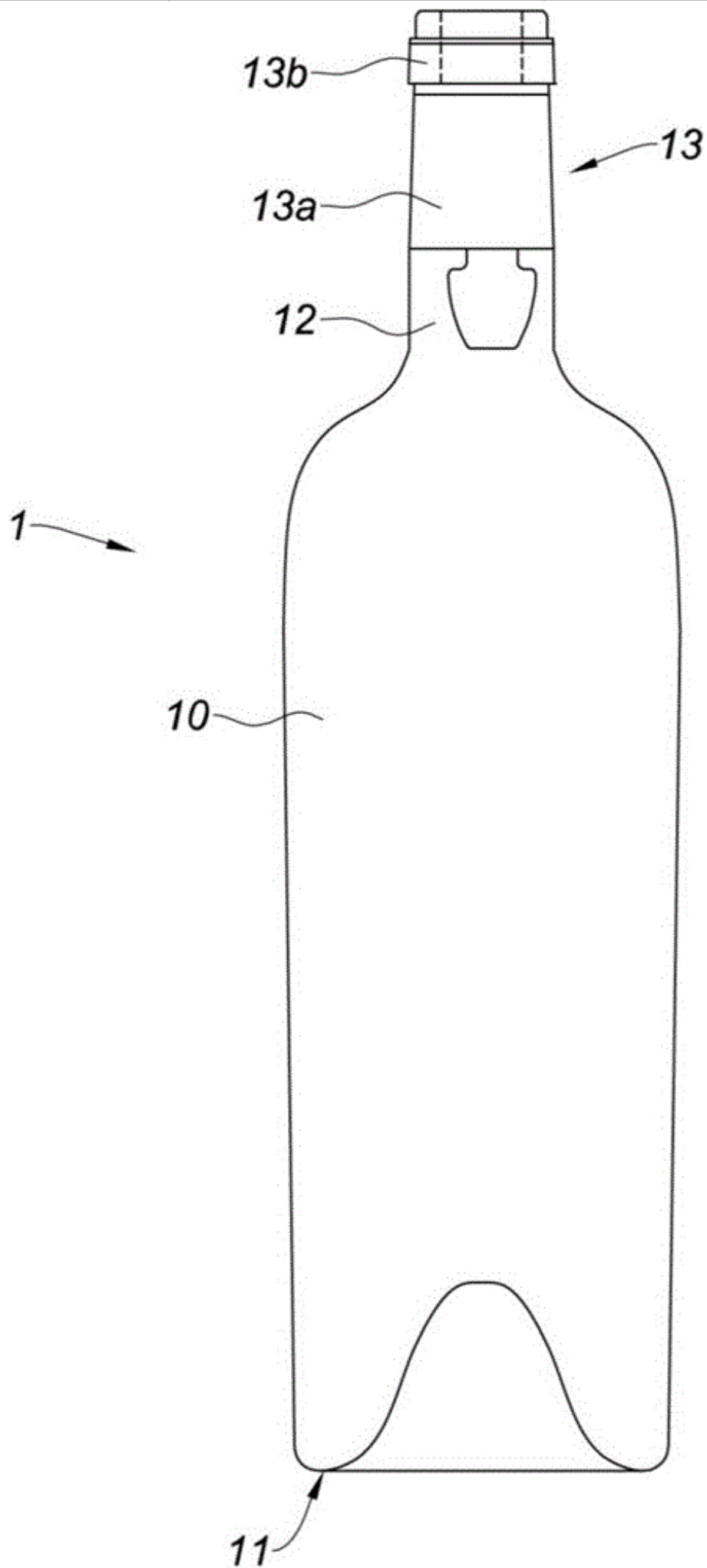
Family 11/16 - FAMPAT - ©Questel

Title

(CN205221458U)

Including safe bottle that seals

Images



Publication data including kind & date

CN205221458

U 2016-05-11

CN205221458U



Abstract

(CN205221458U)

The utility model relates to a be used for containing the beverage, like alcoholic beverage, bottle (1), the bottle includes neck (12) including main part (10), its upper end, and this neck terminates with an oral area to accept stopper (14), bottle (1) has set up safety and has sealed, seal safely including: safe label (15), its first portion (15a) is fixed stopper (14) to its second portion (15b) is by fix bottleneck portion (12), and cap (13), its cover stopper (14) and bottle neck (12) at least some, cap (13) still include the partly at least of safe label (15).

Inventors

DAI YI

Latest standardized assignees - inventors removed

PERNOD RICARD

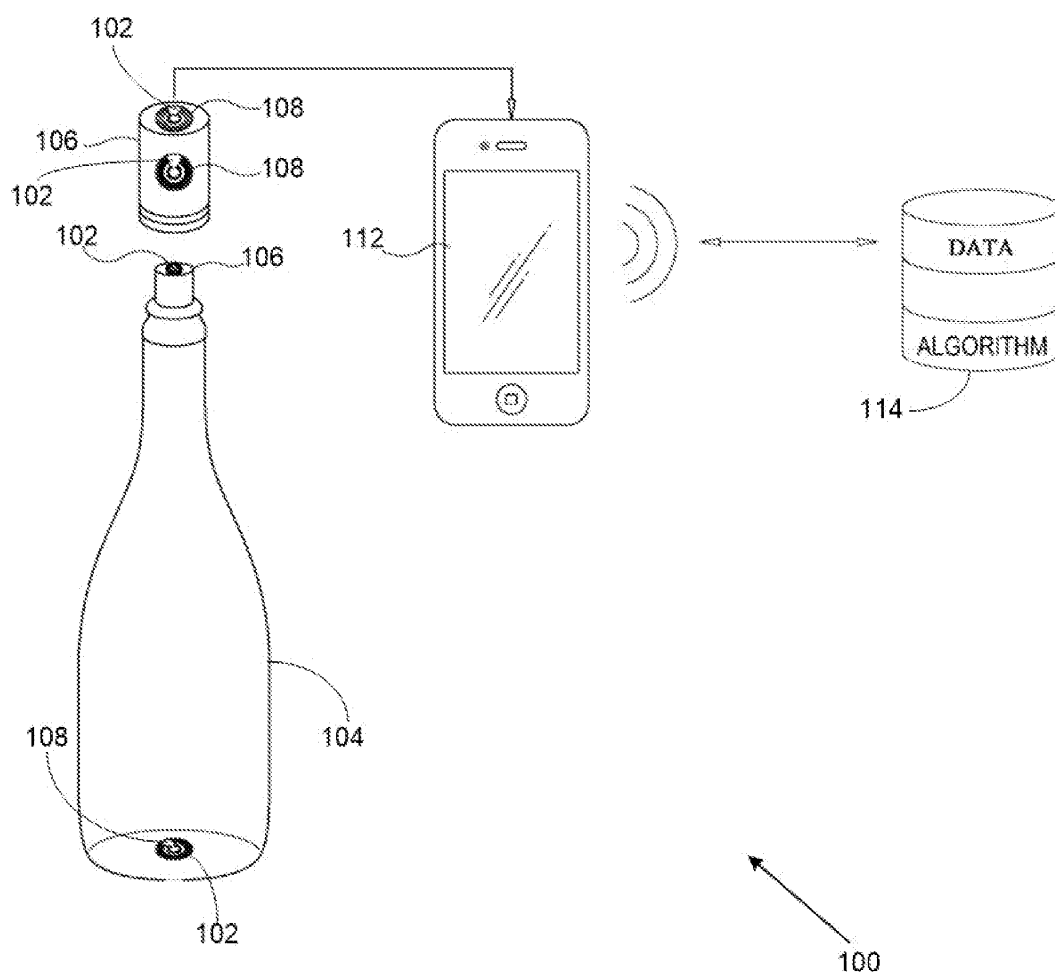
Family 12/16 - FAMPAT - ©Questel

Title

(US9916745)

Container fraud detection system and method

Images



Publication data including kind & date

US20160063830

A1 2016-03-03

US20160063830

US9536404

B2 2017-01-03

US9536404



US20170076568	A1	2017-03-16	US20170076568
US9916745	B2	2018-03-13	US9916745

**Abstract**

(US9916745)

A container fraud detection system and method using one or more wireless communication tags attached to a container in specific ways to ensure the authenticity of the contents. The tag is affixed to the container in such a way that the tag is destroyed upon opening of the container, thereby indicating fraud upon scanning. The tag may be affixed to the container by an adhesive strip, polymer film or wax composition. The tag may be affixed to an adhesive strip prior to application of the strip to a container. Two tags on the container or strip may be cryptographically linked. The tag information is accessible through a scanning device which communicates with a database that stores information about the container and analyzes the probability of fraud with an algorithm.

Inventors

GLAMUZINA JR STEVEN M

MURPHY JEFFREY C

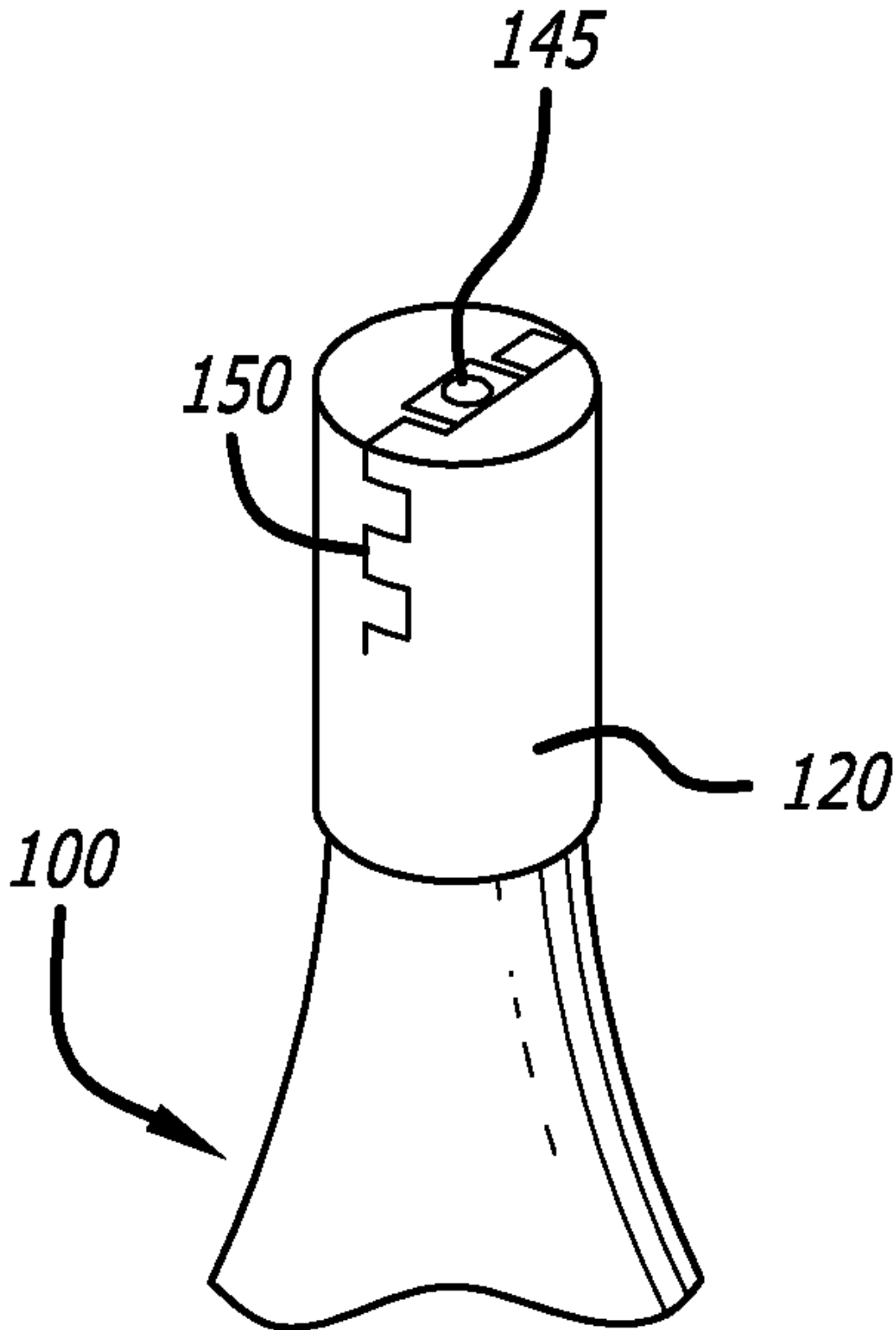
Family 13/16 - FAMPAT - ©Questel

Title

(US20100245036)

Beverage container authenticity and provenance devices and methods

Images

**Publication data including kind & date**

US20090212954	A1	2009-08-27	US20090212954
US20100245036	A1	2010-09-30	US20100245036

**Abstract**

(US20100245036)

An RFID label comprising an RFID circuit and an RFID antenna, and optional secondary security label ensures the authenticity of a beverage contained in a beverage container. The RFID label cannot be removed without destroying the RFID label or rendering it inoperable. A secondary security label may be placed over the closure of the beverage container

to provide a secondary measure against tampering as well as a visual indicator of authenticity. It is placed on a portion of the bottle, a portion of the beverage container's closure, and the RFID label. An attempt to remove the secondary security label will also render the RFID label unusable.

Inventors

ADSTEDT KJELL ROLAND

STEMBERG JOAKIM ALEXANDER

Latest standardized assignees - inventors removed

LEFT BANK VENTURES

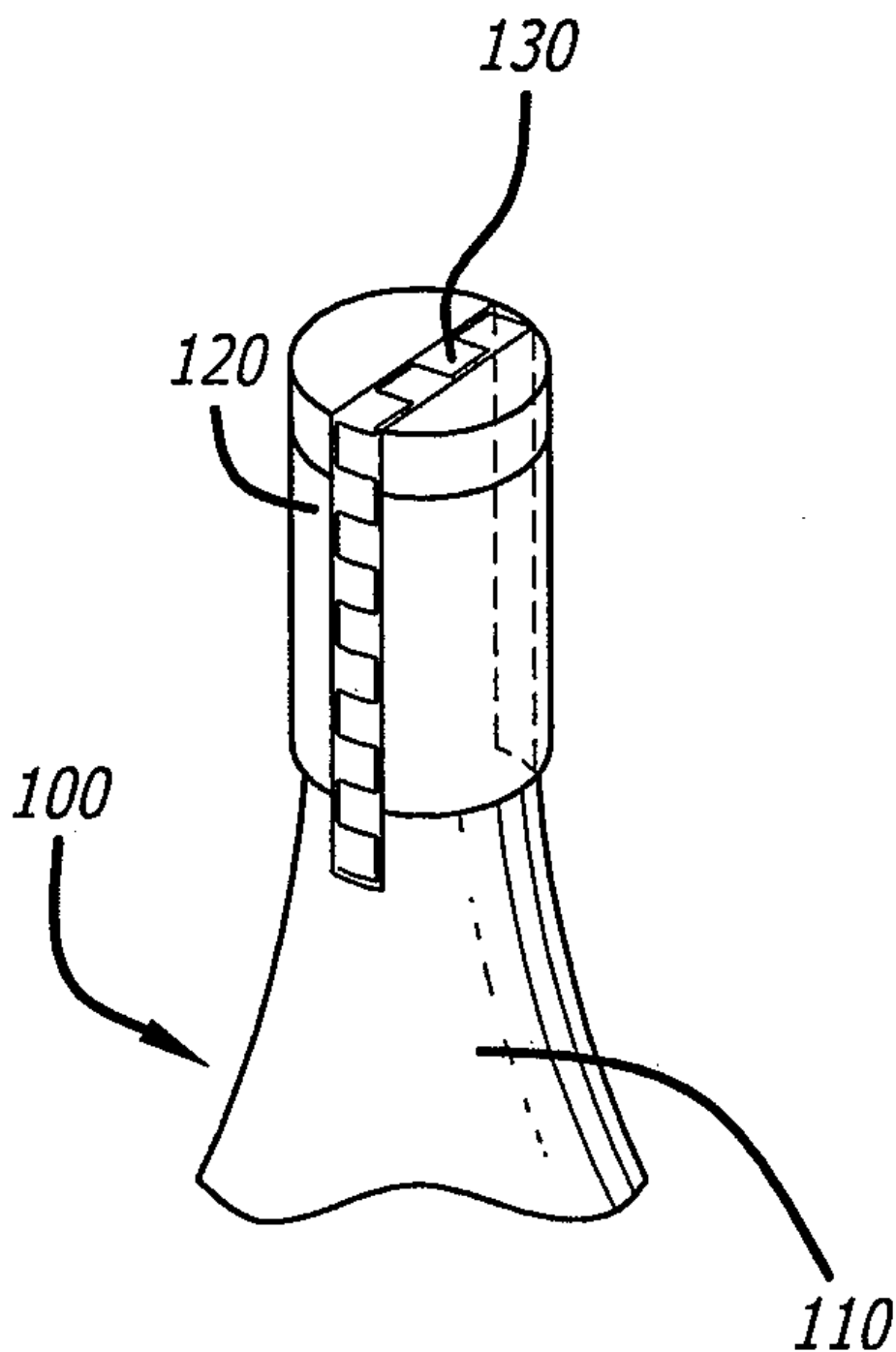
Family 14/16 - FAMPAT - ©Questel

Title

(WO200849086)

Beverage container authenticity and provenance devices and methods

Images



Publication data including kind & date

WO2008049086	A2	2008-04-24	WO200849086
WO2008049086	A3	2008-09-04	WO200849086
US20090045959	A1	2009-02-19	US20090045959
US20100156614	A1	2010-06-24	US20100156614



Abstract

(WO200849086)

An RFID label and optional secondary security label ensures the authenticity of a beverage contained in a beverage container. The RFID label cannot be removed without destroying the RFID label or rendering it inoperable. A secondary security label may be placed over the closure of the beverage container to provide a secondary measure against tampering as well as a visual indicator of authenticity. It is placed on a portion of the bottle, a portion of the beverage container's closure, and the RFID label. An attempt to remove the secondary security label will also render the RFID label unusable.

Inventors

ADSTEDT KJELL ROLAND

STERNBERG JOAKIM ALEXANDER

Latest standardized assignees - inventors removed

LEFT BANK VENTURES

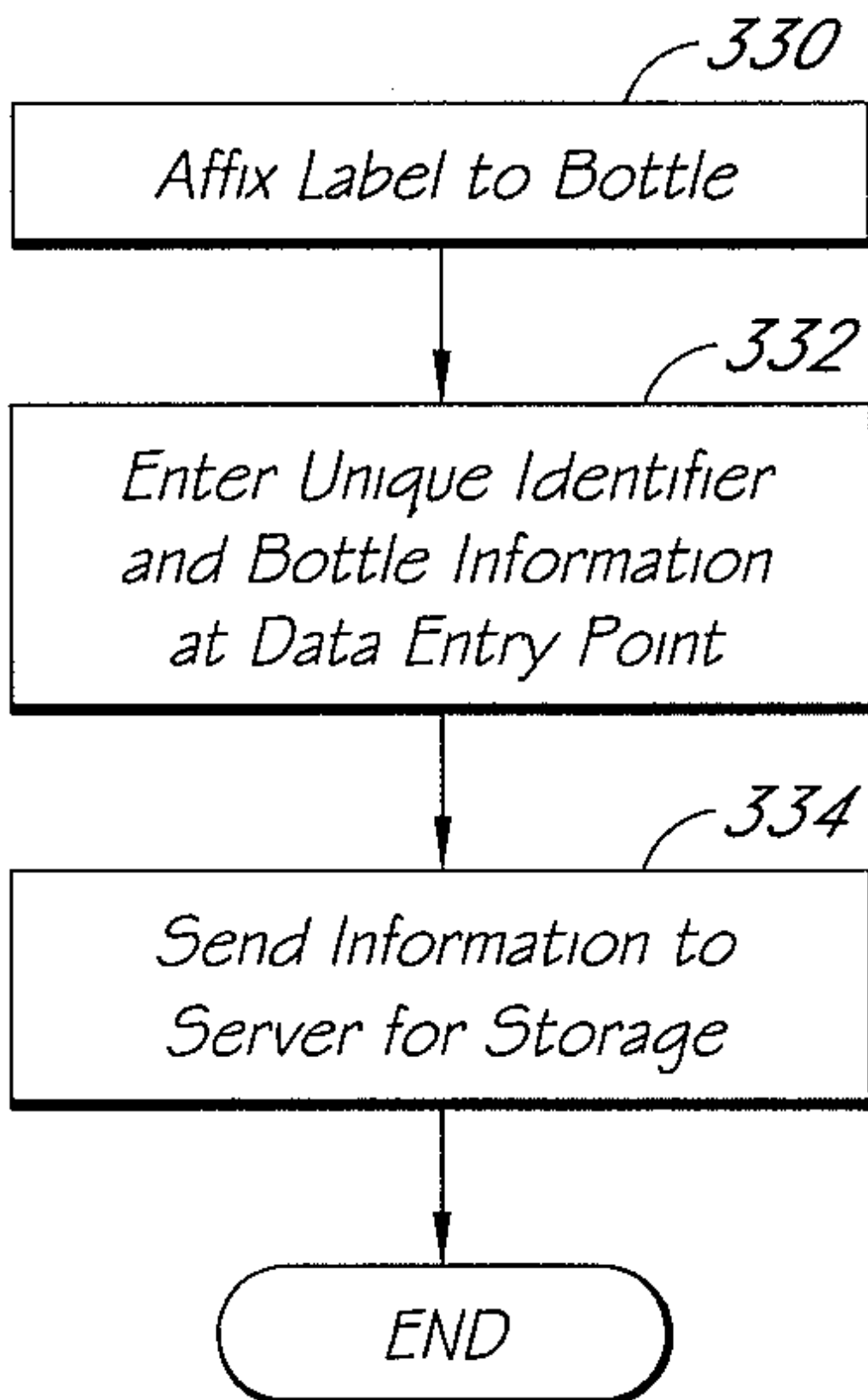
Family 15/16 - FAMPAT - ©Questel

Title

(US20080140432)

Verification and data-tracking systems, methods, and devices

Images

**Publication data including kind & date**[US20080140432](#)

A1 2008-06-12

US20080140432

**Abstract**

(US20080140432)

Embodiments of the present disclosure include a system and method for registering and verifying wine or other or other

items, such as collectibles. In an embodiment, a collectible item receives a label containing a unique identifier, which may be used to register information about the item with a computer system according to the disclosure. The label may be capable of monitoring specific aspects of the storage and/or handling of the item to give a user an indication of the quality of the item.

Inventors

FENN LEO E

Latest standardized assignees - inventors removed

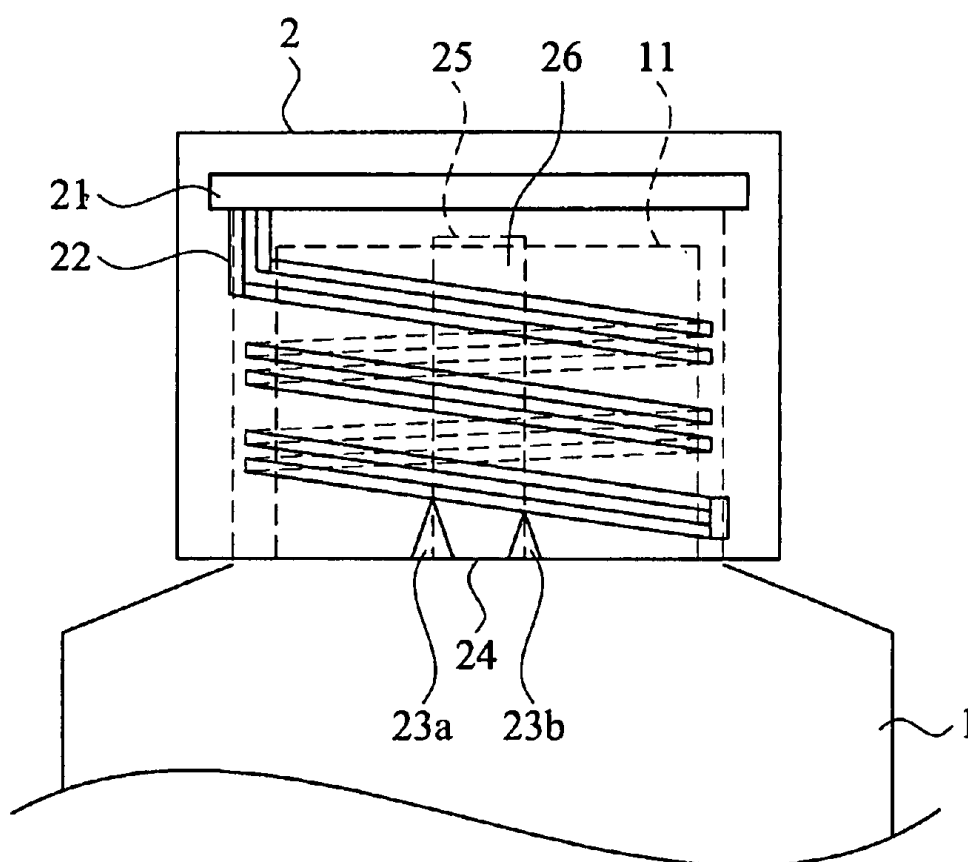
VERIFONE

Family 16/16 - FAMPAT - ©Questel

Title

(US7839288)

Sealing detection mechanism using RFID tag for container

Images**Publication data including kind & date**

US20070296599	A1	2007-12-27	US20070296599
US7839288	B2	2010-11-23	US7839288

**Abstract**

(US7839288)

Disclosed is a sealing detection mechanism for detecting sealing of a closure fastened to a container having a top open end. The sealing detection mechanism includes a RFID tag mounted at a selected position of the closure, at least one operable tear portion formed at the closure, and at least one conductive unit electrically connected to the RFID tag and extended from the RFID tag to the closure to form a conductive circuit loop across the operable tear portion of the

closure. A sealing guarantee device mounted is selectively mounted between the top open end of the container and the closure, which includes an upper portion, a lower portion, and a middle portion connected between the upper portion and the lower portion. The lower portion of the sealing guarantee device is provided with an annular flange protruding downward from the lower portion and a hollow portion between the lower portion and the flange.

Inventors

WANG CHI-HU

TIEN CHING-CHENG

LEE BORE-KUEN

HWANG CHI-KUANG

CHIU CHIEN-JUNG

WU CHIA-WEN

CHUNG IN-HANG

CHEN TUNG-CHOU

YEN MING-CHING

CHEN JWU-E

Latest standardized assignees - inventors removed

CHUNG HUA UNIVERSITY