



New connection on: : 29-09-2020 : 20:14:33 - Last disconnection on: : 29-09-2020 : 20:14:25

V 4.0.0.44803(LP,U,linux) (Rev:43856 2017-04-27 09:03:29 +0200#{D201820}) (RPM D201820)

Welcome to EPOQUE Rebuild under the Production Environment

[EPODOC: SS 31] (CLOSURE or locks) and opening and TAMPER_EVIDENT and container and device and security

Results in EPODOC 2

[SS 32] ..li



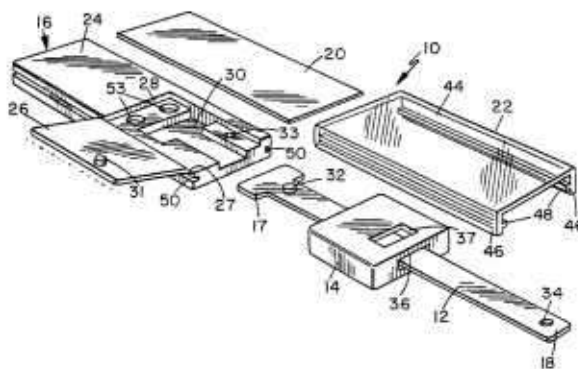
1/2 © EPODOC / EPO

PN - [US5568951](#) A 19961029
PR - US19930133556
19931007; US19950401030 19950308
AP - [US19950401030](#) 19950308
DT - *; Rep
CT - // STSE (A)

[US164800](#) A 00000000 [];
[US372653](#) A 00000000 [];
[US381326](#) A 00000000 [];
[US777749](#) A 00000000 [];
[US822945](#) A 00000000 [];
[US1615057](#) A 00000000 [];
[US1814773](#) A 00000000 [];
[US1952085](#) A 00000000 [];
[US2002856](#) A 00000000 [];
[US2013299](#) A 00000000 [];
[US2497434](#) A 00000000 [];
[US4082336](#) A 00000000 [];
[US4887855](#) A 00000000 [];
[US5230541](#) A 00000000 [];
[CA537425](#) A 00000000 [];
[FR2306137](#) A1 00000000 [];
[DE105481](#) C 00000000 [];
[IT642806](#) A 00000000 [];
[GB273289](#) A 00000000 [];
[GB342172](#) A 00000000 [];
[GB2051942](#) A 00000000 [];
[GB2243139](#) A 00000000 []

CCI - [B65D55/02](#) ; [G09F3/037](#)

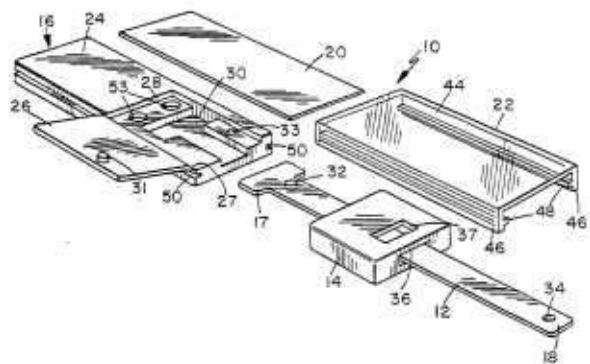
CCA - [Y10T292/507](#)



- CI - B65D55/02 (EP)
 - G09F3/037 (EP)
- CA - Y10T292/507 (EP, US)
- TI - **Tamper evident security device**
- AB - A **security** tag with an affixed label for deterring tampering or unauthorized **opening** of a closed **container**, case or other item to be secured has a base unit and an elongate strap secured at one end to the base unit for extending through eyelets on adjacent parts of the item to be secured, such as one part of a **container** or case and the **closure** or lid of the **container** or case. The base unit has a trapper channel for releasably trapping the free end of the strap. An upper wall of the base unit includes a fixed part and a moveable cover which is hinged to the base unit and moveable between an open position and a closed position preventing removal of the strap from the trapper channel. A label is secured across the fixed part of the upper wall and the closed lid, and a signature is applied to the label. The lid cannot be opened to release the strap without simultaneously tearing the label.

2/2 © EPODOC / EPO

- PN - [US5452930](#) A 19950926
- PR - US19930133556 19931007
- AP - [US19930133556](#) 19931007
- DT - *; Rep
- CT - || STSE (A)
[US164800](#) A 00000000 [];
[US372653](#) A 00000000 [];
[US381326](#) A 00000000 [];
[US777749](#) A 00000000 [];
[US822945](#) A 00000000 [];
[US1615057](#) A 00000000 [];
[US1814773](#) A 00000000 [];
[US1952085](#) A 00000000 [];
[US2002856](#) A 00000000 [];



	US2013299 A 00000000 [];
	US2497434 A 00000000 [];
	CA537245 A 00000000 [];
	FR2306137 A1 00000000 [];
	DE105481 C 00000000 [];
	IT642806 A 00000000 [];
	GB273289 A 00000000 [];
	GB342172 A 00000000 [];
	GB2051942 A 00000000 [];
	GB2243139 A 00000000 []
CCI	- B65D55/02 ; G09F3/037
CCA	- Y10T292/507 ; Y10T292/509 ; Y10T292/534
CI	- B65D55/02 (EP) - G09F3/037 (EP)
CA	- Y10T292/507 (EP, US) - Y10T292/509 (EP, US) - Y10T292/534 (EP, US)
TI	- Tamper evident security device
AB	- A tamper indicating device for use on any container or enclosure has a security strap or other elongate connecting member for securing to between one part of a container or other item and a movable closure for the item, and a base unit for releasably trapping at least one end of the strap so that the container or item cannot be opened without first releasing the strap. The base unit has a recess for releasably retaining the strap end, and an access opening to the recess across which a tamper indicating label can be applied to the base unit. The only access to the recess to release the strap end is via the access opening and once the label is applied the strap end can only be released by first tearing off or removing the label.

[SS 32] (CLOSURE or locks) and TAMPER_EVIDENT and container and device and security

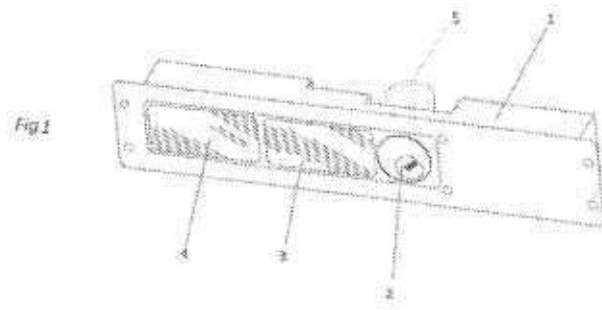
Results in EPODOC 8

[SS 33] ..li



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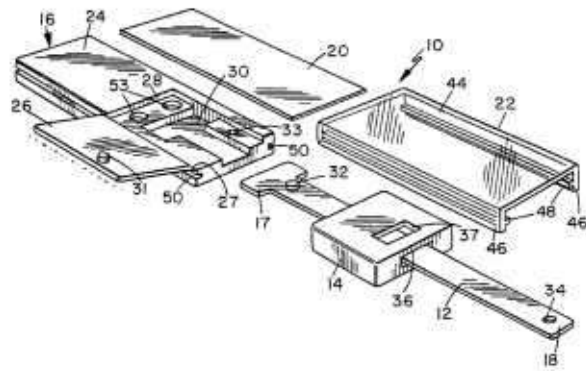
PN - [GB2506690](#) A 20140409
PR - GB20120018019 20121008
AP - [GB20120018019](#) 20121008
DT - *; Rep
CT - *// STSE (A)*
[EP2015269](#) A1 00000000 [];
[EP1063627](#) A2 00000000 [];
[WO2010151898](#) A1 00000000 [];
[WO2008061541](#) A1 00000000 [];
[US2007131007](#) A1 00000000 [];
[US2005046567](#) A1 00000000 [];
[US2004263332](#) A1 00000000 [];
[US2004108938](#) A1 00000000 [];
[US2004055345](#) A1 00000000 [];
[US2004021572](#) A1 00000000 []
CCI - [E05B39/04](#)
CCA - [G08B13/08](#)
CI - E05B39/04 (EP, GB)
- E05B41/00 (GB)
CA - G08B13/08 (EP)
PA - TRANSEAL SECURITY LTD [GB]
TI - Re-usable electronic seal lock
and **container** monitoring **device**
AB - A **security** system comprising an
electronic **tamper evident** seal,
lock and monitoring **device** which
identifies and records
operational history of a lock
or **closure** such as a
freight **container** to which it may
be fitted, and a **device** reader for
transferring data stored in
memory of the monitoring **device**
to a centralised computer
database. Preferably the **tamper**
evident seal comprising a
housing 1 with lock 2, touch
screen 3 and LCD screen 4 which
may display the status of the
lock or a numeral seal number.
Sensors may detect tampering
with the **device** and real-time
monitoring of the lock
and **closure**. The seal may be
separate or integrated into a
freight **container**. Data may be
downloaded from the seal either
wirelessly or via a cable



connection.

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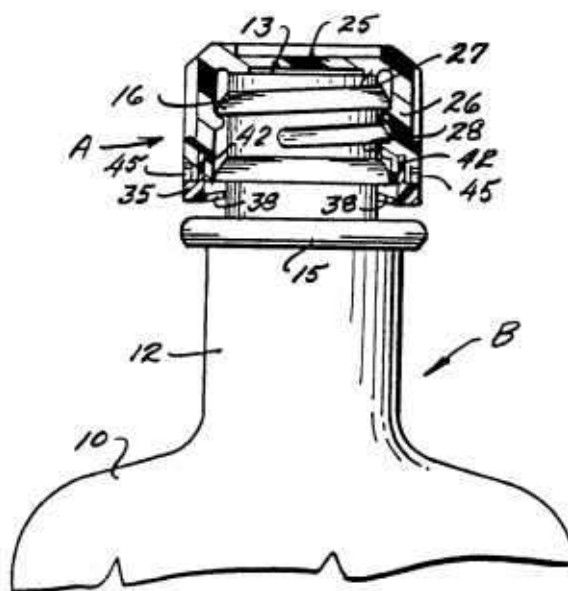
PN - [US5568951](#) A 19961029
PR - US19930133556
19931007; US19950401030 19950308
AP - [US19950401030](#) 19950308
DT - *, Rep
CT - || STSE (A)
[US164800](#) A 00000000 [];
[US372653](#) A 00000000 [];
[US381326](#) A 00000000 [];
[US777749](#) A 00000000 [];
[US822945](#) A 00000000 [];
[US1615057](#) A 00000000 [];
[US1814773](#) A 00000000 [];
[US1952085](#) A 00000000 [];
[US2002856](#) A 00000000 [];
[US2013299](#) A 00000000 [];
[US2497434](#) A 00000000 [];
[US4082336](#) A 00000000 [];
[US4887855](#) A 00000000 [];
[US5230541](#) A 00000000 [];
[CA537425](#) A 00000000 [];
[FR2306137](#) A1 00000000 [];
[DE105481](#) C 00000000 [];
[IT642806](#) A 00000000 [];
[GB273289](#) A 00000000 [];
[GB342172](#) A 00000000 [];
[GB2051942](#) A 00000000 [];
[GB2243139](#) A 00000000 []
CCI - [B65D55/02](#) ; [G09F3/037](#)
CCA - [Y10T292/507](#)
CI - B65D55/02 (EP)
- G09F3/037 (EP)
CA - Y10T292/507 (EP, US)
TI - **Tamper evident security device**
AB - A **security** tag with an affixed
label for deterring tampering or
unauthorized opening of a
closed **container**, case or other
item to be secured has a base
unit and an elongate strap
secured at one end to the base
unit for extending through
eyelets on adjacent parts of the
item to be secured, such as one
part of a **container** or case and
the **closure** or lid of the **container**



or case. The base unit has a trapper channel for releasably trapping the free end of the strap. An upper wall of the base unit includes a fixed part and a moveable cover which is hinged to the base unit and moveable between an open position and a closed position preventing removal of the strap from the trapper channel. A label is secured across the fixed part of the upper wall and the closed lid, and a signature is applied to the label. The lid cannot be opened to release the strap without simultaneously tearing the label.

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- PN - [US4919285](#) A 19900424
- PNFP - [US4919285 B1](#) 19910827
- PR - [US19880192564](#) 19880511
- AP - [US19880192564](#) 19880511
- DT - **
- CT - *// STSE (A)*
[US4493427](#) A 00000000 [];
[US4643321](#) A 00000000 [];
[US4700859](#) A 00000000 [];
[DE2518117](#) A1 00000000 []
- CCI - [B65D41/3438](#)
- CCA - [Y10T29/4998](#)
- CI - [B65D41/3438](#) (EP)
- CA - [Y10T29/4998](#) (EP, US)
- PA - (A B1)
 THOROUGHbred PLASTICS CORP
 [US]
- TI - (A)
Tamper evident closure and
 method of manufacture of the
 same
- AB - (A)
 A **tamper evident closure** for use on
 a **container neck**, the **closure**
 including a cap and separately
 formed **security device**, connector
 means for attachment of
 the **security device** to the cap,
 the **security device** including



anchor means disposed to catch beneath a shoulder as provided on the **container** neck when the cap is attached to the **container** neck, the connector means comprising a frangible joint adapted to rupture during removal of the cap from the **container** neck whereby to enable the **security device** to break away from the cap, the anchor means being engageable with the shoulder of the **container** for retaining the **security device** on the **container** neck when the cap is removed therefrom, the **security device** thereby evidencing that the **container** has been opened; and a method of manufacturing such **tamper evident closure**.

TXT - test

4/8 © EPODOC / EPO

PN - [US5452930](#) A 19950926

PR - US19930133556 19931007

AP - [US19930133556](#) 19931007

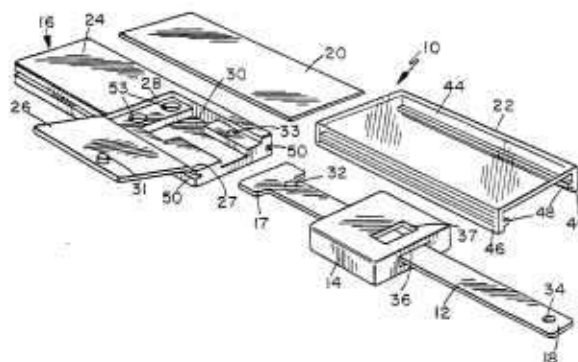
DT - *; Rep

CT - // STSE (A)

[US164800](#) A 00000000 [];
[US372653](#) A 00000000 [];
[US381326](#) A 00000000 [];
[US777749](#) A 00000000 [];
[US822945](#) A 00000000 [];
[US1615057](#) A 00000000 [];
[US1814773](#) A 00000000 [];
[US1952085](#) A 00000000 [];
[US2002856](#) A 00000000 [];
[US2013299](#) A 00000000 [];
[US2497434](#) A 00000000 [];
[CA537245](#) A 00000000 [];
[FR2306137](#) A1 00000000 [];
[DE105481](#) C 00000000 [];
[IT642806](#) A 00000000 [];
[GB273289](#) A 00000000 [];
[GB342172](#) A 00000000 [];
[GB2051942](#) A 00000000 [];
[GB2243139](#) A 00000000 []

CCI - [B65D55/02](#) ; [G09F3/037](#)

CCA - [Y10T292/507](#) ; [Y10T292/509](#) ;



[Y10T292/534](#)

- CI - B65D55/02 (EP)
 - G09F3/037 (EP)
- CA - Y10T292/507 (EP, US)
 - Y10T292/509 (EP, US)
 - Y10T292/534 (EP, US)
- TI - **Tamper evident security device**
- AB - A tamper indicating **device** for use on any **container** or enclosure has a **security** strap or other elongate connecting member for securing to between one part of a **container** or other item and a movable **closure** for the item, and a base unit for releasably trapping at least one end of the strap so that the **container** or item cannot be opened without first releasing the strap. The base unit has a recess for releasably retaining the strap end, and an access opening to the recess across which a tamper indicating label can be applied to the base unit. The only access to the recess to release the strap end is via the access opening, and once the label is applied the strap end can only be released by first tearing off or removing the label.

5/8 © EPODOC / EPO

- PN - [WO8910875](#) A1 19891116
- PR - US19880192564 19880511
- AP - [WO1989US01331](#) 19890405
- DT - *; Rep
- CT - */US/ ISR (A1)*
 - [US4497765](#) A 00000000 [A];
 - [US4503986](#) A 00000000 [A];
 - [US4595547](#) A 00000000 [A];
 - [US4700859](#) A 00000000 [A];
 - [US4702383](#) A 00000000 [A]
- CCI - [B65D41/3438](#)
- CCA - [Y10T29/4998](#)
- CI - B65D41/3438 (EP)
- CA - Y10T29/4998 (EP, US)
- PA - THOROUGHNBRED PLASTICS CORP [US]

TI - **TAMPER EVIDENT CLOSURE AND METHOD OF MANUFACTURE OF THE SAME**

AB - A **tamper evident closure** (A) for use on a **container neck** (12), the **closure** including a cap (20) and separately formed **security device** (21), connector means for attachment of the **security device** to the cap, the **security device** including anchor means (36) disposed to catch beneath a shoulder (15) as provided on the **container neck** when the cap is attached to the **container neck**, the connector means comprising a frangible joint adapted to rupture during removal of the cap from the **container neck** whereby to enable the **security device** to break away from the cap, the anchor means being engageable with the shoulder of the **container** for retaining the **security device** on the **container neck** when the cap is removed therefrom, the **security device** thereby evidencing that the **container** has been opened; and a method of manufacturing such **tamper evident closure**.

TXT - test

6/8 © EPODOC / EPO

PN - [WO9530595](#) A2 19951116

PNFP - WO9530595 A3 19960404

PR - GB19940014730
19940721; GB19940009218
19940510

AP - [WO1995GB01061](#) 19950510

DT - *; Rep

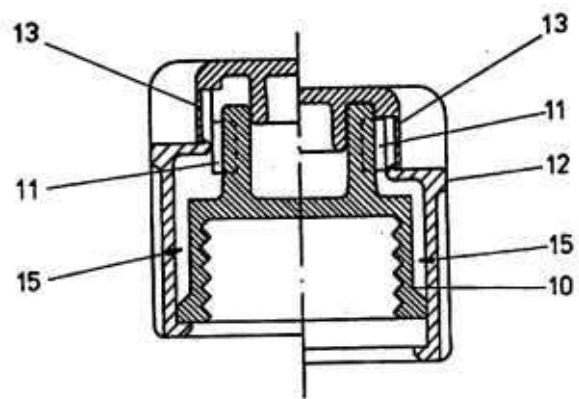
CT - *[EP] ISR (A3)*
[GB2134892](#) A 00000000 [A]
(SUNBEAM PLASTICS CORP)
[A] 1,2,5
* abstract *;
[EP0111900](#) A2 00000000 [A]
(SCHONBERGER MILTON)
[A] 1
* abstract *;
[US2560793](#) A 00000000 [A] (E.
GREENE)
[A] 1
* the whole document *;
[WO9106486](#) A2 00000000 [A]
(HUEBNER GMBH & CO MAX)
[A] 1

CCI - [B65D41/0485](#) ; [B65D50/041](#) ;
[B65D55/026](#)

CI - B65D41/0485 (EP)
B65D50/041 (EP)
B65D55/026 (EP)

PA - (A2 A3)
NORRIS STEPHEN EDGAR [GB];
CASEY JOHN DAVID [GB]

TI - (A2 A3)
**TAMPER-EVIDENT SECURITY
CLOSURE**



AB

- (A2)

A tamper-evident security device

(which may form a child-resistant **closure** for a **container**) comprises a cap member (12) formed with at least one window (13) , and an inner member (10) arranged for screw-threaded engagement with a **container** or other member and co-operable with the cap member (12) for rotation thereby: the inner member (10) carries at least one active element (11) arranged to displace outwardly and penetrate at least partially through the window (13) upon rotating the cap member (12) through a predetermined angle in the direction to loosen the inner member. In alternative arrangements, the cap member may be screw-threaded onto the inner member.

7/8 © EPODOC / EPO

PN

- [CA2190297](#) A1 19951116

PR

- GB19940009218
19940510; GB19940014730
19940721

AP

- [CA19952190297](#) 19950510

DT

- I

CCI

- [B65D41/0485](#) ; [B65D50/041](#) ;
[B65D55/026](#)

CI

- B65D41/0485 (EP)
- B65D50/041 (EP)
- B65D55/026 (EP)

PA

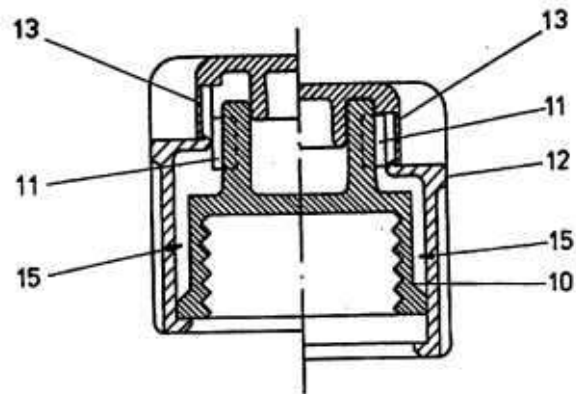
- NORRIS STEPHEN EDGAR [GB] ;
CASEY JOHN DAVID [GB]

TI

- **TAMPER-EVIDENT SECURITY
CLOSURE**

AB

- A temper-evident **security device**
(which may form a child-resistant **closure** for a **container**) comprises a cap member (12) formed with at least one window (13) , and an inner member (10) arranged for screw-threaded engagement with a **container** or other member and co-operable



with the cap member (121) for rotation thereby: the inner member (10) carries at least one active element (11) arranged to displace outwardly and penetrate at least partially through the window (13) upon rotating the cap member (12) through a predetermined angle in the direction to loosen the inner member. In alternative arrangements, the cap member may be screw-threaded onto the inner member.

8/8 © EPODOC / EPO

PN - [CA1324984](#) C 19931207
 PR - US19880192564 19880511
 AP - [CA19890596210](#) 19890410
 DT - I
 CCI - [B65D41/3438](#)
 CCA - [Y10T29/4998](#)
 CI - B65D41/3438 (EP)
 CA - Y10T29/4998 (EP, US)
 PA - THOROUGHbred PLASTICS CORP [US]
 TI - **TAMPER EVIDENT CLOSURE** AND METHOD OF MANUFACTURE OF THE SAME
 AB - **TAMPER EVIDENT CLOSURE** AND METHOD OF MANUFACTURE OF THE SAME A **tamper evident closure** for use on a **container** neck, the **closure** including a cap and separately formed **security device**, connector means for attachment of the **security device** to the cap, the **security device** including anchor means disposed to catch beneath a shoulder as provided on the **container** neck when the cap is attached to the **container** neck, the connector means comprising a frangible joint adapted to rupture during removal of the cap from the **container** neck whereby to enable the **security device** to break away from the cap, the anchor means being engageable with the shoulder of the **container** for retaining the **security device** on the **container** neck when the cap is removed therefrom, the **security device** thereby evidencing that the **container** has been opened; and a method of manufacturing such **tamper evident closure**.